

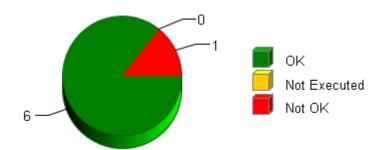
Summary

Overall Test Object Results (including Coverage)

Total Test Objects: 7
Successful: 6

Failed: 1
Not Executed: 0

Date: 2015-02-18 **Time:** 15:46:40+0530



Selected Project Items

Test Object "C1XX UnitTest/CDDInterface/CDDInterface Init1"

Test Object "C1XX_UnitTest/CDDInterface/CDDInterface_Init2"

Test Object "C1XX_UnitTest/CDDInterface/CDDInterface_Init3"

Test Object "C1XX UnitTest/CDDInterface/CDDInterface Per1"

Test Object "C1XX_UnitTest/CDDInterface/CDDInterface_Per2"

Test Object "C1XX_UnitTest/CDDInterface/CDDInterface_Per4"

Test Object "C1XX_UnitTest/CDDInterface/CDDPorts_ApplyMtrElecMechPol"

Used Test Environments

TI TMS 570 PLS UDE (Default)

Batch Operation Settings

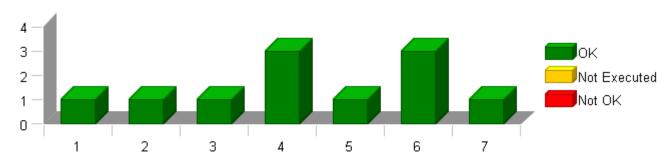
Check Interface: No
Generate Driver: Yes
Execute Test: Yes
Create New Test Run: No

Instrumentation: Test Object Only

Coverage: Statement Coverage, Branch Coverage, Decision Coverage, Modified Condition /

Decision Coverage, Multiple Condition Coverage

Test Case Results for Each Test Object (without Coverage)

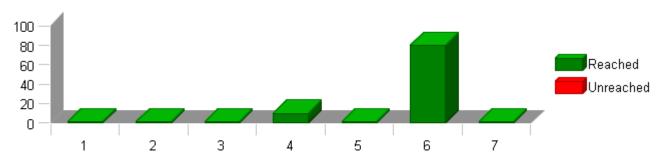


The table above shows each test object on the x axis and the number of test cases of the respective test object on the y axis. Each bar is divided into passed, not executed and failed test cases. The test case results



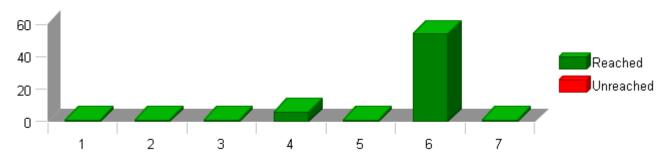
do not take into account any coverage result (i.e. if all test cases of a test object are passed in this table but the coverage is failed, the overall test object result will be failed).

Statement (C0) Coverage: Total Statements for Each Test Object



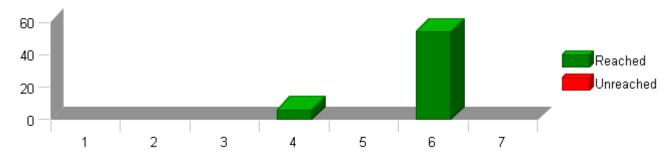
The table above shows each test object on the x axis and the number of statements of the respective test object on the y axis. Each bar is divided into reached statements (i.e. statements that have been executed during the test) and unreached statements.

Branch (C1) Coverage: Total Branches for Each Test Object



The table above shows each test object on the x axis and the number of branches of the respective test object on the y axis. Each bar is divided into reached branches (i.e. branches that have been executed during the test) and unreached branches.

Decision Coverage: Total Decision Outcomes for Each Test Object

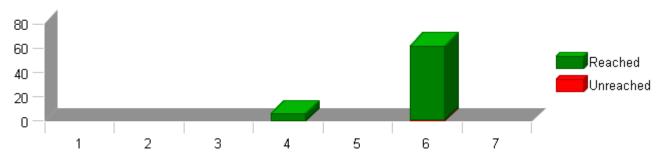


The table above shows test objects on the x axis and the number of possible outcomes of all decisions of the respective test object on the y axis. To achieve full DC coverage, each decision must evaluate to both true and false.

Each bar is divided into reached and unreached decision outcomes.



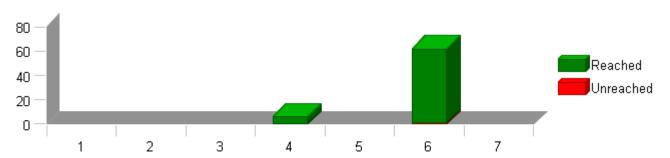
MC/DC Coverage: Total Condition Combinations for Each Test Object



The table above shows test objects on the x axis and the number of condition combinations of all decisions of the respective test object on the y axis. The number of condition combinations is based on the number of boolean conditions within each decision of the test object. To achieve full MC/DC coverage, each decision requires all contained atomic conditions to evaluate to both true and false independently of all other conditions. The cumulated number of rows within such tables of condition combinations is what is displayed in this table.

Each bar is divided into reached condition combinations (i.e. combinations of boolean condition values that have been executed during the test) and unreached condition combinations.

MCC Coverage: Total Condition Combinations for Each Test Object



The table above shows test objects on the x axis and the number of condition combinations of all decisions of the respective test object on the y axis. The number of condition combinations is based on the number of boolean conditions within each decision of the test object. To achieve full MCC coverage, each decision requires all contained atomic conditions to evaluate to all possible combinations of true and false values. The cumulated number of rows within such tables of condition combinations is what is displayed in this table.

Each bar is divided into reached condition combinations (i.e. combinations of boolean condition values that have been executed during the test) and unreached condition combinations.

TEST OVERVIEW REPORT

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Test Object List

Project CDDInterface

The following table lists all test objects with their test case and coverage results. The cumulated results for modules, folders and test collections are also displayed, the indentation within the name column indicates the parent relationship of the elements.

Please note that only test objects are numbered within the first column. This number is referenced on the x axis within the overview charts for test case and coverage results available on previous pages (if included into the report).

No.	Name	C0	C1	DC	MC/DC	MCC	Test Cases	Result
	CDDInterface	100 %	100 %	100 %	98.52 %	98.52 %	11 of 11 passed	×
	C1XX_UnitTest	100 %	100 %	100 %	98.52 %	98.52 %	11 of 11 passed	*
	CDDInterface	100 %	100 %	100 %	98.52 %	98.52 %	11 of 11 passed	×
1	CDDInterface Init1	100 %	100 %	-	-	-	1 of 1 passed	~
2	CDDInterface Init2	100 %	100 %	-	-	-	1 of 1 passed	~
3	CDDInterface Init3	100 %	100 %	-	-	-	1 of 1 passed	~
4	CDDInterface Per1	100 %	100 %	100 %	100 %	100 %	3 of 3 passed	•
5	CDDInterface Per2	100 %	100 %	-	-	-	1 of 1 passed	•
6	CDDInterface Per4	100 %	100 %	100 %	98.38 %	98.38 %	3 of 3 passed	×
7	CDDPorts_ApplyMtrElecMechPol	100 %	100 %	-	-	-	1 of 1 passed	~

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CDDInterface_Init1

 Project
 CDDInterface

 Module
 CDDInterface

 Test Object
 CDDInterface_Init1

Instrumentation: Test Object Only

Statement (C0) Coverage	100 %
Branch (C1) Coverage	100 %

Statistics

Total Testcases	1	
Successful	1	✓
Failed	0	
Not Executed	0	

Module Properties

Project Root Directory	D:\Synergy_Work_Area\CDDInterface_c1xx
Configuration File	D:\Synergy_Work_Area\CDDInterface_c1xx\UnitTestEnv\config\TMS570_GCC_UDE_CCS4_Config.xml
Target Environment	TI TMS 570 PLS UDE (Default)
Kind of Test	Unit Test
Linker Options	
Source File(s)	
File	\$(PROJECTROOT)\CDDInterface\src\Sa_CDDInterface.c
Compiler Options	-D_DATA_ACCESS= -Dconst= -Dstatic= -I\$(PROJECTROOT)\CDDInterface\utp\contract -I\$(PROJECTROOT)\StdDef\include -I\$ (PROJECTROOT)\NxtrLib\include -I\$(Compiler Install Path)\include
File	\$(PROJECTROOT)\NxtrLib\src\interpolation.c
Compiler Options	-D_DATA_ACCESS= -Dconst= -Dstatic= -I\$(PROJECTROOT)\CDDInterface\utp\contract -I\$(PROJECTROOT)\StdDef\include -I\$ (PROJECTROOT)\NxtrLib\include -I\$(Compiler Install Path)\include

Name	Text
Module 'CDDInterface'	Unit Test Description* Name of Tester:Ankita Bhardwaj Code File(s) Under Test:Sa_CDDInterface.c Code File(s) Version:17 Module Design Document:NA Module Design Document Version:NA Data Dictionary Version:1 Unit Test Plan Version:2 Optimization Level:Level 2 Compiler (CodeGen) Version:TMS470_4.9.5 Model Type:Excel Macro Model Version:Nexteer EPS Unit Test Tool 2.7d/EPS Library 1.31 Total FLASH Used (Bytes):2290 Total RAM Used (Bytes):2390 Total RAM Used (Bytes):0 Special Test Requirements: Test Date:02-18-15 Comments:"Note 1: Inline function defined in GlobalMacro.h are not Unit Tested. Note 2: ""CBD_Sandbox_dbg.map"" file is embedded for reference. Note 3: Low Path Coverage in ""CDDInterface_Per4"" function because NxtrMEC_Uls_G_enum != ProductionMode) = FALSE and (NxtrMEC_Uls_G_enum == ProductionMode)=FALSE can not be satisfied."

Attributes				
Name	Value			
Compiler Install Path	<pre>\$(ProgramFiles)\Texas Instruments\ccsv4\tools\compiler\tms470_4.9.5</pre>			
Float Precision	9			
InitObjDir	<pre>\$(PROJECTROOT)\UnitTestEnv\static_build_files\obj</pre>			
InitSrcDir	\$(PROJECTROOT)\UnitTestEnv\static_build_files\src			
Linker File	<pre>\$(PROJECTROOT)\UnitTestEnv\static_build_files\sys_link.cmd</pre>			
Makefile Template	\$(PROJECTROOT)\UnitTestEnv\config\Nexteer_ts_make_ude_ti_tms570.tpl			
Target Install Path	\$(Compiler Install Path)\include			
Time Unit	Cycles			
Timer Enable	false			
Timer Prescale	0			

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CDDInterface_Init1

Attributes		
Name	Value	
Timer Resolution	1.0	
UDE Config File	\$(PROJECTROOT)\UnitTestEnv\config\TMS570_UDE_12PIN_JTAG.cfg	
Workspace File	D:\Synergy_Work_Area\CDDInterface_clxx\UnitTestEnv\config\UDE_TMS570_DEBUG.WSP	



Test Case 1: Boundary Test

Specification

Performance Metrics (With "None" Instrumentation and WithPS Environment) CPU Cycles:

TS1.1 4.00 Cycles TS1.2 4.00 Cycles TS1.3 4.00 Cycles

Description Vector Description:

TS1.1 Nvm_lgnCntr_Cnt_u16=min TS1.2 Nvm_lgnCntr_Cnt_u16=max TS1.3 Nvm_lgnCntr_Cnt_u16=pos

Test Step 1.1 (Repeat Count = 1)			✓
Name	Input Value		
Nvm_lgnCntr_Cnt_u16	0		
Rte_Inst_Sa_CDDInterface tgt_Rte_Inst_Sa_CDDInterface			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Init1_IgnCnt_Cnt_u16 tgt_CDDInterface_Init1_IgnCnt_Cnt_u16			
Name	Actual Value	Expected Value	Result
tgt_CDDInterface_Init1_IgnCnt_Cnt_u16.value	0	0	✓

Test Step 1.2 (Repeat Count = 1)			✓
Name	Input Value		
Nvm_lgnCntr_Cnt_u16	65535		
Rte_Inst_Sa_CDDInterface	tgt_Rte_Inst_Sa_CDDInterface		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Init1_IgnCnt_Cnt_u16 tgt_CDDInterface_Init1_IgnCnt_Cnt_u16			
Name	Actual Value	Expected Value	Result
tgt_CDDInterface_Init1_IgnCnt_Cnt_u16.value	65535	65535	~

Test Step 1.3 (Repeat Count = 1)			✓
Name	Input Value		
Nvm_lgnCntr_Cnt_u16	45220		
Rte_Inst_Sa_CDDInterface	tgt_Rte_Inst_Sa_CDDInterface		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Init1_IgnCnt_Cnt_u16 tgt_CDDInterface_Init1_IgnCnt_Cnt_u16			
Name	Actual Value	Expected Value	Result
tgt_CDDInterface_Init1_IgnCnt_Cnt_u16.value	45220	45220	~

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CDDInterface_Per1

Project	CDDInterface
Module	CDDInterface
Test Object	CDDInterface_Per1

Instrumentation: Test Object Only

Statement (C0) Coverage	100 %
Decision Coverage	100 %
Branch (C1) Coverage	100 %
MCC Coverage	100 %
MC/DC Coverage	100 %

Statistics

Total Testcases	3	
Successful	3	~
Failed	0	
Not Executed	0	

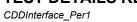
Module Properties

Project Root Directory	D:\Synergy_Work_Area\CDDInterface_c1xx
Configuration File	D:\Synergy_Work_Area\CDDInterface_c1xx\UnitTestEnv\config\TMS570_GCC_UDE_CCS4_Config.xml
Target Environment	TI TMS 570 PLS UDE (Default)
Kind of Test	Unit Test
Linker Options	
Source File(s)	
File	\$(PROJECTROOT)\CDDInterface\src\Sa_CDDInterface.c
Compiler Options	-D_DATA_ACCESS= -Dconst= -Dstatic= -I\$(PROJECTROOT)\CDDInterface\utp\contract -I\$(PROJECTROOT)\StdDef\include -I\$ (PROJECTROOT)\NxtrLib\include -I\$(Compiler Install Path)\include
File	\$(PROJECTROOT)\NxtrLib\src\interpolation.c
Compiler Options	-D_DATA_ACCESS= -Dconst= -Dstatic= -I\$(PROJECTROOT)\CDDInterface\utp\contract -I\$(PROJECTROOT)\StdDef\include -I\$ (PROJECTROOT)\NxtrLib\include -I\$(Compiler Install Path\\include

Name	Text
Module 'CDDInterface'	Name of Tester:Ankita Bhardwaj Code File(s) Under Test:Sa_CDDInterface.c Code File(s) Version:17 Module Design Document:NA Module Design Document Version:NA Data Dictionary Version:1 Unit Test Plan Version:2 Optimization Level:Level 2 Compiler (CodeGen) Version:TMS470_4.9.5 Model Type:Excel Macro Model Version:Nexteer EPS Unit Test Tool 2.7d/EPS Library 1.31 Total FLASH Used (Bytes):2290 Total RAM Used (Bytes):13 Total CALS Used (Bytes):0 Special Test Requirements: Test Date:02-18-15 Comments:"Note 1: Inline function defined in GlobalMacro.h are not Unit Tested. Note 2: ""CBD_Sandbox_dbg.map"" file is embedded for reference. Note 3: Low Path Coverage in ""CDDInterface_Per4"" function because NxtrMEC_Uls_G_enum != ProductionMode) = FALSE and (NxtrMEC_Uls_G_enum == ProductionMode)=FALSE can not be satisfied."

Attributes	
Name	Value
Compiler Install Path	\$(ProgramFiles)\Texas Instruments\ccsv4\tools\compiler\tms470_4.9.5
Float Precision	9
InitObjDir	\$(PROJECTROOT)\UnitTestEnv\static_build_files\obj
InitSrcDir	\$(PROJECTROOT)\UnitTestEnv\static_build_files\src
Linker File	<pre>\$(PROJECTROOT)\UnitTestEnv\static_build_files\sys_link.cmd</pre>
Makefile Template	\$(PROJECTROOT)\UnitTestEnv\config\Nexteer_ts_make_ude_ti_tms570.tpl

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Attributes	
Name	Value
Target Install Path	\$(Compiler Install Path)\include
Time Unit	Cycles
Timer Enable	false
Timer Prescale	0
Timer Resolution	1.0
UDE Config File	\$(PROJECTROOT)\UnitTestEnv\config\TMS570_UDE_12PIN_JTAG.cfg
Workspace File	D:\Synergy_Work_Area\CDDInterface_clxx\UnitTestEnv\config\UDE_TMS570_DEBUG.WSP



Test Case 1: Metrics Test

Specification

Performance Metrics (With "None" Instrumentation and WithPS Environment) CPU Cycles:

TS1.1 1124.00 Cycles TS1.2 1131.00 Cycles

Description Vector Description:

TS1.1Shortest Execution Path:(PXAccum_Cnt_T_u32[i] < PXAccumPrev_Cnt_M_u32[i])=false,(PhaseAdvFinal_Cnt_T_u16 >= D_HALFREV_CNT_U16)=false
TS1.2Longest Execution Path:(PXAccum_Cnt_T_u32[i] < PXAccumPrev_Cnt_M_u32[i])=True/false,(PhaseAdvFinal_Cnt_T_u16 >= D_HALFREV_CNT_U16)=false

Test Step 1.1 (Repeat Count = 1)	✓
Name	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16	1
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	4.2949673e+009
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	4.2949673e+009
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	65535
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	65535
CDD_CumMechMtrPos_Rev_G_s15p16[0]	32767
CDD_CumMechMtrPos_Rev_G_s15p16[1]	32767
CDD_Die1RxError_Cnt_G_u16[0]	65535
CDD_Die1RxError_Cnt_G_u16[1]	65535
CDD_Die1RxMtrPos_Cnt_G_u16[0]	65535
CDD_Die1RxMtrPos_Cnt_G_u16[1]	65535
CDD_Die1RxRevCtr_Cnt_G_u16[0]	65535
CDD_Die1RxRevCtr_Cnt_G_u16[1]	65535
CDD_Die2RxError_Cnt_G_u16[0]	65535
CDD_Die2RxError_Cnt_G_u16[1]	65535
CDD_Die2RxMtrPos_Cnt_G_u16[0]	65535
CDD_Die2RxMtrPos_Cnt_G_u16[1]	65535
CDD_Die2RxRevCtr_Cnt_G_u16[0]	65535
CDD_Die2RxRevCtr_Cnt_G_u16[1]	65535
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	4294967295
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	4294967295
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0]	4294967295
CDD_MechMtrPos2TimeStamp_uSec_G_u32[1]	4294967295
CDD_ModldxFinal_Uls_G_u16p16[0]	65534
CDD_ModldxFinal_Uls_G_u16p16[1]	65534
CDD_MtrCurr1_Volts_G_f32[0]	5
CDD_MtrCurr1_Volts_G_f32[1]	5
CDD_MtrCurr2_Volts_G_f32[0]	5
CDD_MtrCurr2_Volts_G_f32[1]	5
CDD_MtrCurrDax_Amp_G_f32[0]	220
CDD_MtrCurrDax_Amp_G_f32[1]	220
CDD_MtrCurrK1_Amps_G_f32[0]	220
CDD_MtrCurrK1_Amps_G_f32[1]	220
CDD_MtrCurrK2_Amps_G_f32[0]	220
CDD_MtrCurrK2_Amps_G_f32[1]	220
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	220
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	220
CDD_MtrCurrQax_Amp_G_f32[0]	220
CDD_MtrCurrQax_Amp_G_f32[1]	220
CDD_PWMDutyCycleASum_Cnt_G_u32[0]	200000
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	200000
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	200000
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	200000
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	200000
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	200000
CDD_PhaseAdvFinal_Cnt_G_u16[0]	65535
CDD_PhaseAdvFinal_Cnt_G_u16[1]	65535
CDD_RxMtrPos1ParityAccum_Cnt_G_u16[0]	65535
CDD_RxMtrPos1ParityAccum_Cnt_G_u16[1]	65535
CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[0]	65535
CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[1]	65535
CDD_SysCVSwitchADC_Cnt_G_u16[0]	65535
CDD_SysCVSwitchADC_Cnt_G_u16[1]	65535
CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[0]	65535
CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[1]	65535 65535
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0] CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	65535
PXAccumPrev_Cnt_M_u32[0]	536870911
1.70.100dilii 104_0lit_141_002[0]	000010011

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Name	Input Value		
PXAccumPrev_Cnt_M_u32[1]	536870911		
PXAccumPrev_Cnt_M_u32[2]	536870911		
Rte_Inst_Sa_CDDInterface	tgt_Rte_Inst_Sa_CDDInterface		
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	536870911		
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	536870911		
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	536870911	roo	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr1_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr1_Volts		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr2_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr2_Volts		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32 tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32	tgt_CDDInterface_Per1_CorrMtrCurrPosition		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CumMechMtrPos_Rev_f32	tgt_CDDInterface_Per1_CumMechMtrPos_R		
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 Die1RxError Cnt u16	tgt CDDInterface Per1 Die1RxError Cnt u	-	
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 Die1UnderVoltgFltAccum Cnt			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxMtrPos_Cnt_u16	tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_	u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxRevCtr_Cnt_u16	tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_	u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxError_Cnt_u16	tgt_CDDInterface_Per1_Die2RxError_Cnt_u	16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxMtrPos_Cnt_u16	tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_	<u>u</u> 16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxRevCtr_Cnt_u16	tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeA_	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeB_	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeC_	-	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_LRPRPhaseadvanceCaptured_ tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32	tgt_CDDInterface_Per1_LRPRPhaseadvance tgt_CDDInterface_Per1_MeasuredOnTimeA		
tgt Rte Inst Sa CDDInterface.CDDInterface Per MeasuredOnTimeA Chi_us2	tgt_CDDInterface_Per1_MeasuredOnTimeA_ tgt_CDDInterface_Per1_MeasuredOnTimeB		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeD_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeC_	- -	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MechMtrPos1TimeStamp_USe		_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MechMtrPos2TimeStamp_USe			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ModIdxFinal_Uls_f32	tgt_CDDInterface_Per1_ModIdxFinal_Uls_f3:		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrDax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrDax_Amp_f3		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK1_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32	2	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK2_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32	2	
$\underline{tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32}$	tgt_CDDInterface_Per1_MtrCurrQaxFinalRef	_Amp_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrQax_Amp_f3		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCVSwitchADC_Cnt_u16	tgt_CDDInterface_Per1_SysCVSwitchADC_0	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCorrectedElecMtrPos_Rev_			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_UncorrMechMtrPos1_Rev_u0p	tgt_CDDInterface_Per1_UncorrMechMtrPos1 Actual Value		Result
Name CDD CDDDataAccessRfr Cnt G u16		Expected Value	Nesuit
CDD_CDDDataAccessBfr_Cnt_G_u16	0	0	
		•	
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0]	0 67108863	0 67108863	✓
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1]	0 67108863 67108863	0 67108863 67108863	✓ ✓
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2]	0 67108863 67108863 67108863	0 67108863 67108863 67108863	\ \ \ \
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value	0 67108863 67108863 67108863 65535 5	0 67108863 67108863 67108863 65535	\rightarrow \right
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CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CurmMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeS_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeS_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MetCurrK1_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_FinalRef_Amp_f32.value	0 67108863 67108863 67108863 65535 5 5 4.2949673e+009 0.999984741 65535 0.499984741 65535 65535 65535 65535 65535 65535 67108864 67108864 67108864 67108864 67108864 67108864 67108864 2294967295 0.999969482 220 220 220 220 220	0 67108863 67108863 67108863 67108863 65535 5±0.0625 5±0.0625 4.2949673e+009 0.999984741 65535 0.5±0.0625 65535 65535 65535 65535 65535 65535 60535 60538 60	

CDDInterface_Per1

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Name	Actual Value	Expected Value	Result
tgt_CDDInterface_Per1_SysCorrectedElecMtrPos_Rev_f32.value	0.999984741	0.999984741 ± 0.0625	•
tot CDDInterface Per1 UncorrMechMtrPos1 Rev u0n16 value	65535	65535	✓

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
CDDPorts_ClearPhsReasSum	1	CDDPorts_ClearPhsReasSum	1	~

Test Step 1.2 (Repeat Count = 1)	
Name	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16	0
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	5140.81006
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	7340.52002
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	0
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	2621
CDD_CumMechMtrPos_Rev_G_s15p16[0]	-7864
CDD_CumMechMtrPos_Rev_G_s15p16[1]	-18350
CDD_Die1RxError_Cnt_G_u16[0]	4898
CDD_Die1RxError_Cnt_G_u16[1]	6966
CDD_Die1RxMtrPos_Cnt_G_u16[0]	5382
CDD_Die1RxMtrPos_Cnt_G_u16[1]	7714
CDD_Die1RxRevCtr_Cnt_G_u16[0]	4656
CDD_Die1RxRevCtr_Cnt_G_u16[1]	6592
CDD_Die2RxError_Cnt_G_u16[0]	4777
CDD_Die2RxError_Cnt_G_u16[1]	6779
CDD_Die2RxMtrPos_Cnt_G_u16[0]	5382
CDD_Die2RxMtrPos_Cnt_G_u16[1]	7714
CDD_Die2RxRevCtr_Cnt_G_u16[0]	5140
CDD_Die2RxRevCtr_Cnt_G_u16[1]	7340
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	2841
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	3787
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0]	4777
CDD_MechMtrPos2TimeStamp_uSec_G_u32[1]	6779
CDD_ModIdxFinal_Uls_G_u16p16[0]	20506
CDD_ModIdxFinal_Uls_G_u16p16[1]	20512
CDD_MtrCurr1_Volts_G_f32[0]	0.0007644
CDD_MtrCurr1_Volts_G_f32[1]	2.00076437
CDD_MtrCurr2_Volts_G_f32[0]	0.0007644
CDD_MtrCurr2_Volts_G_f32[1]	1.00076437
CDD_MtrCurrDax_Amp_G_f32[0]	100.264999
CDD_MtrCurrDax_Amp_G_f32[1]	110.487999
CDD_MtrCurrK1_Amps_G_f32[0]	55.5800018
CDD_MtrCurrK1_Amps_G_f32[1]	76.9499969
CDD_MtrCurrK2_Amps_G_f32[0]	19.8799992 19.5699997
CDD_MtrCurr(A2_Amps_G_f32[1]	-204.639999
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	-177.850006
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1] CDD_MtrCurrQax_Amp_G_f32[0]	-120.220001
	104.269997
CDD_MtrCurrQax_Amp_G_f32[1] CDD_PWMDutyCycleASum_Cnt_G_u32[0]	142
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	158
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	2357
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	3039
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	2599
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	3413
CDD_PhaseAdvFinal_Cnt_G_u16[0]	5624
CDD PhaseAdvFinal Cnt G u16[1]	8088
CDD RxMtrPos1ParityAccum Cnt G u16[0]	5019
CDD_RxMtrPos1ParityAccum_Cnt_G_u16[1]	7153
CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[0]	5140
CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[1]	7340
CDD_SysCVSwitchADC_Cnt_G_u16[0]	2720
CDD_SysCVSwitchADC_Cnt_G_u16[1]	3600
CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[0]	2621
CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[1]	3276
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	2621
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	3276
PXAccumPrev_Cnt_M_u32[0]	222
PXAccumPrev_Cnt_M_u32[1]	368
PXAccumPrev_Cnt_M_u32[2]	5239
Rte_Inst_Sa_CDDInterface	tgt_Rte_Inst_Sa_CDDInterface
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Name	Input Value		
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	0		
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	756887		
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	4785545		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr1_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_	_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr2_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_	_f32	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32$	tgt_CDDInterface_Per1_CorrMtrCurrPosition_	_Rev_f32	
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 CorrectedElecMtrPosFloat Rev	tgt_CDDInterface_Per1_CorrectedElecMtrPo	sFloat_Rev_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p	tgt_CDDInterface_Per1_CorrectedElecMtrPo	s_Rev_u0p16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CumMechMtrPos_Rev_f32	tgt_CDDInterface_Per1_CumMechMtrPos_R	ev_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxError_Cnt_u16	tgt_CDDInterface_Per1_Die1RxError_Cnt_u1	16	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_Die1UnderVoltgFltAccum_Cnt_Die1UnderVoltgFltAccum_Cnt_Die1UnderVoltgFltAccum_Cnt_Die1UnderVoltgFltAccum_Cnt_Die1UnderVoltgFltAccum_Cnt_Die1UnderVoltgFltAccum_Cnt_Die1UnderVoltgFltAccum_Cnt_Die1UnderVoltgFltAccum_Cnt_Die1UnderVoltgFltAccum_Cnt_Die1UnderVoltgFltAccum_Cnt_Die1UnderVoltgFltAccum_Cnt_Die1UnderVoltgFltAccum_Cnt_Die1Unde$	target_CDDInterface_Per1_Die1UnderVoltgF	ltAccum_Cnt_u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxMtrPos_Cnt_u16	tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxRevCtr_Cnt_u16	tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxError_Cnt_u16	tgt_CDDInterface_Per1_Die2RxError_Cnt_u1		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxMtrPos_Cnt_u16	tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxRevCtr_Cnt_u16 tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32	tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_ tgt_CDDInterface_Per1_ExpectedOnTimeA_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeB_	_	
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 ExpectedOnTimeC Cnt u32	tgt CDDInterface Per1 ExpectedOnTimeC		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_LRPRPhaseadvanceCaptured_	tgt_CDDInterface_Per1_LRPRPhaseadvance	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeA_		
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 MeasuredOnTimeB Cnt u32	tgt CDDInterface Per1 MeasuredOnTimeB		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeC_	 Cnt_u32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MechMtrPos1TimeStamp_USe	tgt_CDDInterface_Per1_MechMtrPos1TimeS	tamp_USec_u32	
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 MechMtrPos2TimeStamp USe	tgt_CDDInterface_Per1_MechMtrPos2TimeS	tamp_USec_u32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ModIdxFinal_Uls_f32	tgt_CDDInterface_Per1_ModIdxFinal_Uls_f32	2	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrDax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrDax_Amp_f3	2	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK1_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32	!	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK2_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32	tgt_CDDInterface_Per1_MtrCurrQaxFinalRef	_Amp_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrQax_Amp_f3		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCVSwitchADC_Cnt_u16	tgt_CDDInterface_Per1_SysCVSwitchADC_C	_	
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 SysCorrectedElecMtrPos Rev	tgt_CDDInterface_Per1_SysCorrectedElecMt		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_UncorrMechMtrPos1_Rev_u0p	tgt_CDDInterface_Per1_UncorrMechMtrPos1	_Rev_uup16	
	A / 13/1		
Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	1	1	~
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0]	1	1 0	~
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1]	1 0 94610	1 0 94610	* *
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2]	1 0 94610 598193	1 0 94610 598193	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	1 0 94610 598193 5140	1 0 94610 598193 5140	\rightarrow \right
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value	1 0 94610 598193	1 0 94610 598193	\rightarrow \right
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	1 0 94610 598193 5140 0.0007644	1 0 94610 598193 5140 0.0007644 ± 0.0625	· · · · · · · · · · · · · · · · · · ·
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value	1 0 94610 598193 5140 0.0007644 0.0007644	1 0 94610 598193 5140 0.0007644 ± 0.0625 0.0007644 ± 0.0625	· · · · · · · · · · · · · · · · · · ·
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value	1 0 94610 598193 5140 0.0007644 0.0007644 5140.81006	1 0 94610 598193 5140 0.0007644 ± 0.0625 0.0007644 ± 0.0625 5140.81006	· · · · · · · · · · · · · · · · · · ·
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value	1 0 94610 598193 5140 0.0007644 0.0007644 5140.81006	1 0 94610 598193 5140 0.0007644 ± 0.0625 0.0007644 ± 0.0625 5140.81006	· · · · · · · · · · · · · · · · · · ·
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_132.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_132.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_132.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_132.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_132.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value	1 0 94610 598193 5140 0.0007644 0.0007644 5140.81006 0	1 0 94610 598193 5140 0.0007644 ± 0.0625 0.0007644 ± 0.0625 5140.81006 0	· · · · · · · · · · · · · · · · · · ·
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFitAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CurmMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value	1 0 94610 598193 5140 0.0007644 0.0007644 5140.81006 0 0	1 0 94610 598193 5140 0.0007644 ± 0.0625 0.0007644 ± 0.0625 5140.81006 0 0 -0.119995117 ± 0.0625	
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value	1 0 94610 598193 5140 0.0007644 0.0007644 5140.81006 0 0 0 -0.119995117 4898	1 0 94610 598193 5140 0.0007644 ± 0.0625 0.0007644 ± 0.0625 5140.81006 0 0 -0.119995117 ± 0.0625 4898	
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value	1 0 94610 598193 5140 0.0007644 0.0007644 5140.81006 0 0 -0.119995117 4898 5382	1 0 94610 598193 5140 0.007644 ± 0.0625 0.0007644 ± 0.0625 5140.81006 0 0 -0.119995117 ± 0.0625 4898 5382	
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value	1 0 94610 598193 5140 0.0007644 0.0007644 5140.81006 0 0 -0.119995117 4898 5382 4656 4777 5382	1 0 94610 598193 5140 0.0007644 ± 0.0625 0.0007644 ± 0.0625 5140.81006 0 0 -0.119995117 ± 0.0625 4898 5382 4656 4777 5382	
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value	1 0 94610 598193 5140 0.0007644 0.0007644 5140.81006 0 0 -0.119995117 4898 5382 4656 4777 5382 5140	1 0 94610 598193 5140 0.0007644 ± 0.0625 0.0007644 ± 0.0625 5140.81006 0 0 -0.119995117 ± 0.0625 4898 5382 4656 4777 5382 5140	
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value	1 0 94610 598193 5140 0.0007644 0.0007644 5140.81006 0 0 -0.119995117 4898 5382 4656 4777 5382 5140 142	1 0 94610 598193 5140 0.0007644 ± 0.0625 0.0007644 ± 0.0625 5140.81006 0 0 -0.119995117 ± 0.0625 4898 5382 4656 4777 5382 5140 142	
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value	1 0 94610 598193 5140 0.0007644 0.0007644 5140.81006 0 0 -0.119995117 4898 5382 4656 4777 5382 5140 142 2357	1 0 94610 598193 5140 0.0007644 ± 0.0625 0.0007644 ± 0.0625 5140.81006 0 0 -0.119995117 ± 0.0625 4898 5382 4656 4777 5382 5140 142 2357	
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Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
CDDPorts_ClearPhsReasSum	1	CDDPorts_ClearPhsReasSum	1	~

CDDInterface_Per1

2015-02-18, 15:41:12+0530



Test Case 2: Boundary Test

2015-02-18, 15:41:12+0530



Specification

CDDInterface_Per1

Performance Metrics (With "None" Instrumentation and WithPS Environment) CPU Cycles:

TS2.1 1155.00 Cycles
TS2.2 1154.00 Cycles
TS2.2 1154.00 Cycles
TS2.3 1117.00 Cycles
TS2.4 1117.00 Cycles
TS2.5 1130.00 Cycles
TS2.6 1117.00 Cycles
TS2.6 1117.00 Cycles
TS2.7 1117.00 Cycles
TS2.8 1149.00 Cycles
TS2.9 1117.00 Cycles
TS2.11 1126.00 Cycles
TS2.11 1126.00 Cycles
TS2.12 1117.00 Cycles
TS2.13 1117.00 Cycles
TS2.14 1117.00 Cycles
TS2.15 1117.00 Cycles
TS2.16 117.00 Cycles
TS2.17 1117.00 Cycles
TS2.18 1126.00 Cycles
TS2.19 1126.00 Cycles
TS2.19 1126.00 Cycles
TS2.19 1126.00 Cycles
TS2.21 1126.00 Cycles
TS2.21 1126.00 Cycles
TS2.22 117.00 Cycles
TS2.23 1126.00 Cycles
TS2.24 1117.00 Cycles
TS2.25 1126.00 Cycles
TS2.26 1126.00 Cycles
TS2.27 1117.00 Cycles
TS2.28 1126.00 Cycles
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TS2.29 1126.00 Cycles
TS2.31 117.00 Cycles
TS2.31 1126.00 Cycles
TS2.33 1126.00 Cycles TS2.34 1119.00 Cycles TS2.34 1119.00 Cycles TS2.35 1126.00 Cycles TS2.36 1126.00 Cycles TS2.37 1126.00 Cycles TS2.37 1126.00 Cycles TS2.38 1126.00 Cycles TS2.39 1117.00 Cycles TS2.40 1126.00 Cycles TS2.41 1117.00 Cycles TS2.42 1126.00 Cycles TS2.43 1117.00 Cycles TS2.44 1126.00 Cycles TS2.45 1126.00 Cycles TS2.46 1117.00 Cycles TS2.47 1126.00 Cycles TS2.48 1126.00 Cycles TS2.48 1126.00 Cycles TS2.48 1126.00 Cycles TS2.48 1126.00 Cycles TS2.45 1126.00 Cycles
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TS2.63 1117.00 Cycles
TS2.63 1117.00 Cycles
TS2.63 1126.00 Cycles
TS2.65 1126.00 Cycles
TS2.65 1126.00 Cycles TS2.63 1117.00 Cycles
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TS2.67 1126.00 Cycles
TS2.68 1126.00 Cycles
TS2.68 1126.00 Cycles
TS2.70 1126.00 Cycles
TS2.71 1117.00 Cycles
TS2.71 1117.00 Cycles
TS2.72 1126.00 Cycles
TS2.73 1126.00 Cycles
TS2.74 1126.00 Cycles
TS2.75 1126.00 Cycles
TS2.75 1126.00 Cycles
TS2.76 117.00 Cycles
TS2.78 117.00 Cycles
TS2.78 117.00 Cycles
TS2.78 1117.00 Cycles
TS2.78 1126.00 Cycles
TS2.80 117.00 Cycles
TS2.81 1126.00 Cycles
TS2.81 1126.00 Cycles
TS2.83 1126.00 Cycles
TS2.83 1126.00 Cycles
TS2.83 1126.00 Cycles
TS2.83 1126.00 Cycles
TS2.84 1126.00 Cycles
TS2.85 117.00 Cycles TS2.84 1126.00 Cycles TS2.85 1117.00 Cycles TS2.86 1126.00 Cycles TS2.87 1126.00 Cycles TS2.88 1117.00 Cycles TS2.90 1126.00 Cycles TS2.90 1126.00 Cycles TS2.91 1126.00 Cycles TS2.92 1117.00 Cycles TS2.93 1126.00 Cycles TS2.94 1117.00 Cycles TS2.95 1126.00 Cycles TS2.96 1126.00 Cycles TS2.96 1126.00 Cycles TS2.97 1117.00 Cycles TS2.98 1126.00 Cycles TS2.99 1126.00 Cycles TS2.100 1117.00 Cycles TS2.101 1126.00 Cycles TS2.102 1126.00 Cycles TS2.103 1126.00 Cycles TS2.104 1126.00 Cycles TS2.105 1126.00 Cycles TS2.105 1117.00 Cycles TS2.107 1117.00 Cycles TS2.108 1139.00 Cycles TS2.108 1139.00 Cycles

TS2.109 1117.00 Cycles TS2.110 1117.00 Cycles

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CDDInterface_Per1



TS2.111 1126.00 Cycles TS2.112 1126.00 Cycles





Description Vector Description:

TS1.1All Min TS1.2All Max
TS1.3CDD_CDDDataAccessBfr_Cnt_G_u16=min
TS1.4CDD_CDDDataAccessBfr_Cnt_G_u16=max
TS1.5HET_P1ACC_1.memory.data_word=min
TS1.6HET_P1ACC_1.memory.data_word=max
TS1.7HET_P1ACC_1.memory.data_word=min
TS1.9HET_P2ACC_1.memory.data_word=min
TS1.9HET_P2ACC_1.memory.data_word=max
TS1.10HET_P2ACC_1.memory.data_word=max
TS1.11HET_P3ACC_1.memory.data_word=min
TS1.12HET_P3ACC_1.memory.data_word=max
TS1.13HET_P3ACC_1.memory.data_word=max
TS1.13HET_P3ACC_1.memory.data_word=pos
TS1.14CDD_MtrCurrQax_Amp_G_f32[2]=min
TS1.15CDD_MtrCurrQax_Amp_G_f32[2]=max TS1.2All Max TS1.15CDD_MtrCurrQax_Amp_G_f32[2]=max TS1.16CDD_MtrCurrQax_Amp_G_f32[2]=zero TS1.17CDD_MtrCurrQax_Amp_G_f32[2]=pos TS1.18CDD_MtrCurrQax_Amp_G_f32[2]=neg TS1.19CDD_MtrCurrDax_Amp_G_f32[2]=min TS1.20CDD_MtrCurrDax_Amp_G_f32[2]=max TS1.21CDD_MtrCurrDax_Amp_G_f32[2]=zero TS1.22CDD_MtrCurrDax_Amp_G_f32[2]=pos TS1.23CDD_MtrCurrDax_Amp_G_f32[2]=neg
TS1.24CDD_MtrCurr1_Volts_G_f32[2]=min
TS1.25CDD_MtrCurr1_Volts_G_f32[2]=max
TS1.26CDD_MtrCurr1_Volts_G_f32[2]=pos
TS1.27CDD_MtrCurr2_Volts_G_f32[2]=min IS1.27CDD_MtrCurr2_Volts_G_f32[2]=min
TS1.28CDD_MtrCurr2_Volts_G_f32[2]=max
TS1.29CDD_MtrCurr2_Volts_G_f32[2]=pos
TS1.30CDD_ModldxFinal_Uls_G_u16p16[2]=min
TS1.31CDD_ModldxFinal_Uls_G_u16p16[2]=max
TS1.32CDD_ModldxFinal_Uls_G_u16p16[2]=pos
TS1.33CDD_PhaseAdvFinal_Cnt_G_u16[2]=min
TS1.34CDD_PhaseAdvFinal_Cnt_G_u16[2]=max
TS1.25CDD_PhaseAdvFinal_Cnt_C_u16[2]=max TS1.35CDD_PhaseAdvFinal_Cnt_G_u16[2]=pos TS1.36CDD_MtrCurrQaxFinalRef_Amp_G_f32[2]=min TS1.37CDD_MtrCurrQaxFinalRef_Amp_G_f32[2]=max TS1.38CDD_MtrCurrQaxFinalRef_Amp_G_f32[2]=zero TS1.39CDD_MtrCurrQaxFinalRef_Amp_G_f32[2]=pos TS1.40CDD_MtrCurrQaxFinalRef_Amp_G_f32[2]=neg TS1.41CDD_MtrCurrK1_Amps_G_f32[2]=min TS1.42CDD_MtrCurrK1_Amps_G_f32[2]=max TS1.43CDD_MtrCurrK1_Amps_G_f32[2]=zero TS1.44CDD_MtrCurrK1_Amps_G_f32[2]=pos TS1.45CDD_MtrCurrK1_Amps_G_f32[2]=neg TS1.46CDD_MtrCurrK2_Amps_G_f32[2]=min TS1.47CDD_MtrCurrK2_Amps_G_f32[2]=max TS1.48CDD_MtrCurrK2_Amps_G_132[2]=max
TS1.48CDD_MtrCurrK2_Amps_G_532[2]=zero
TS1.49CDD_MtrCurrK2_Amps_G_f32[2]=pos
TS1.50CDD_MtrCurrK2_Amps_G_f32[2]=neg
TS1.51CDD_PWMDutyCycleASum_Cnt_G_u32[2]=min
TS1.52CDD_PWMDutyCycleASum_Cnt_G_u32[2]=max
TS1.53CDD_PWMDutyCycleASum_Cnt_G_u32[2]=max
TS1.53CDD_PWMDutyCycleASum_Cnt_G_u32[2]=pos TS1.54CDD_PWMDutyCycleBSum_Cnt_G_u32[2]=min TS1.55CDD_PWMDutyCycleBSum_Cnt_G_u32[2]=max TS1.56CDD_PWMDutyCycleBSum_Cnt_G_u32[2]=pos TS1.57CDD_PWMDutyCycleCSum_Cnt_G_u32[2]=min TS1.58CDD_PWMDutyCycleCSum_Cnt_G_u32[2]=max TS1.59CDD_PWMDutyCycleCSum_Cnt_G_u32[2]=pos TS1.60CDD_SysCVSwitchADC_Cnt_G_u16[2]=min TS1.61CDD_SysCVSwitchADC_Cnt_G_u16[2]=max
TS1.62CDD_SysCVSwitchADC_Cnt_G_u16[2]=pos
TS1.63CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[2]=min TS1.64CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[2]=max TS1.65CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[2]=-pos TS1.66CDD_MechMtrPos1TimeStamp_uSec_G_u32[2]=min TS1.67CDD_MechMtrPos1TimeStamp_uSec_G_u32[2]=max TS1.68CDD_MechMtrPos1TimeStamp_uSec_G_u32[2]=pos TS1.69CDD_MechMtrPos2TimeStamp_uSec_G_u32[2]=min TS1.70CDD_MechMtrPos2TimeStamp_uSec_G_u32[2]=max TS1.71CDD_MechMtrPos2TimeStamp_uSec_G_u32[2]=pos TS1.72CDD_CorrectedElecMtrPos_Rev_G_u0p16[2]=min TS1.73CDD_CorrectedElecMtrPos_Rev_G_u0p16[2]=max TS1.74CDD_CorrectedElecMtrPos_Rev_G_u0p16[2]=pos TS1.75CDD_UncorrMechMtrPos1_Rev_G_u0p16[2]=min TS1.76CDD_UncorrMechMtrPos1_Rev_G_u0p16[2]=max
TS1.77CDD_UncorrMechMtrPos1_Rev_G_u0p16[2]=pos
TS1.78CDD_CumMechMtrPos_Rev_G_s15p16[2]=min TS1.79CDD_CumMechMtrPos_Rev_G_s15p16[2]=max TS1.80CDD_CumMechMtrPos_Rev_G_s15p16[2]=zero TS1.81CDD_CumMechMtrPos_Rev_G_s15p16[2]=pos TS1.82CDD_CumMechMtrPos_Rev_G_s15p16[2]=neg TS1.83CDD_Die1RxError_Cnt_G_u16[2]=min TS1.84CDD_Die1RxError_Cnt_G_u16[2]=max TS1.85CDD_Die1RxError_Cnt_G_u16[2]=max TS1.86CDD_Die2RxError_Cnt_G_u16[2]=min TS1.86CDD_Die2RxError_Cnt_G_u16[2]=min TS1.87CDD_Die2RxError_Cnt_G_u16[2]=max TS1.88CDD_Die2RxError_Cnt_G_u16[2]=pox TS1.89CDD_Die1RxRevCtr_Cnt_G_u16[2]=min TS1.90CDD_Die1RxRevCtr_Cnt_G_u16[2]=max TS1.91CDD_Die1RxRevCtr_Cnt_G_u16[2]=pos TS1.92CDD_Die2RxRevCtr_Cnt_G_u16[2]=min TS1.93CDD_Die2RxRevCtr_Cnt_G_u16[2]=max TS1.94CDD_Die2RxRevCtr_Cnt_G_u16[2]=pos



TS1.95CDD_Die1RxMtrPos_Cnt_G_u16[2]=min
TS1.96CDD_Die1RxMtrPos_Cnt_G_u16[2]=max
TS1.97CDD_Die1RxMtrPos_Cnt_G_u16[2]=pos
TS1.98CDD_Die2RxMtrPos_Cnt_G_u16[2]=min
TS1.99CDD_Die2RxMtrPos_Cnt_G_u16[2]=min
TS1.99CDD_Die2RxMtrPos_Cnt_G_u16[2]=max
TS1.100CDD_Die2RxMtrPos_Cnt_G_u16[2]=max
TS1.101CDD_RxMtrPos1ParityAccum_Cnt_G_u16[2]=min
TS1.102CDD_RxMtrPos1ParityAccum_Cnt_G_u16[2]=max
TS1.103CDD_RxMtrPos1ParityAccum_Cnt_G_u16[2]=pos
TS1.104CDD_CorrMtrCurrPosition_Rev_G_f32[2]=min
TS1.105CDD_CorrMtrCurrPosition_Rev_G_f32[2]=max
TS1.106CDD_CorrMtrCurrPosition_Rev_G_f32[2]=mos
TS1.106CDD_CorrMtrCurrPosition_Rev_G_f32[2]=pos
TS1.107PXAccumPrev_Cnt_M_u32[3]=min
TS1.108PXAccumPrev_Cnt_M_u32[3]=max
TS1.109PXAccumPrev_Cnt_M_u32[3]=pos
TS1.110CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[2]=min
TS1.111CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[2]=max
TS1.112CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[2]=max

Test Step 2.1 (Repeat Count = 1)	✓
Name	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16	0
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	0
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	0
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	0
CDD_CumMechMtrPos_Rev_G_s15p16[0]	-32768
CDD_CumMechMtrPos_Rev_G_s15p16[1]	-32768
CDD_Die1RxError_Cnt_G_u16[0]	0
CDD_Die1RxError_Cnt_G_u16[1]	0
CDD_Die1RxMtrPos_Cnt_G_u16[0]	0
CDD_Die1RxMtrPos_Cnt_G_u16[1]	0
CDD_Die1RxRevCtr_Cnt_G_u16[0]	0
CDD_Die1RxRevCtr_Cnt_G_u16[1]	0
CDD_Die2RxError_Cnt_G_u16[0]	0
CDD_Die2RxError_Cnt_G_u16[1]	0
CDD_Die2RxMtrPos_Cnt_G_u16[0]	0
CDD_Die2RxMtrPos_Cnt_G_u16[1]	0
CDD_Die2RxRevCtr_Cnt_G_u16[0]	0
CDD_Die2RxRevCtr_Cnt_G_u16[1]	0
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	0
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	0
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0]	0
CDD_MechMtrPos2TimeStamp_uSec_G_u32[1]	0
CDD_ModldxFinal_Uls_G_u16p16[0]	0
CDD_ModldxFinal_Uls_G_u16p16[1]	0
CDD_MtrCurr1_Volts_G_f32[0]	0
CDD_MtrCurr1_Volts_G_f32[1]	0
CDD_MtrCurr2_Volts_G_f32[0]	0
CDD_MtrCurr2_Volts_G_f32[1]	0
CDD_MtrCurrDax_Amp_G_f32[0]	-220
CDD_MtrCurrDax_Amp_G_f32[1]	-220
CDD_MtrCurrK1_Amps_G_f32[0]	-220
CDD_MtrCurrK1_Amps_G_f32[1]	-220
CDD_MtrCurrK2_Amps_G_f32[0]	-220
CDD_MtrCurrK2_Amps_G_f32[1]	-220
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	-220
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	-220
CDD_MtrCurrQax_Amp_G_f32[0]	-220
CDD_MtrCurrQax_Amp_G_f32[1]	-220
CDD_PWMDutyCycleASum_Cnt_G_u32[0]	0
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	0
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	0
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	0
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	0
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	0
CDD_PhaseAdvFinal_Cnt_G_u16[0]	0
CDD_PhaseAdvFinal_Cnt_G_u16[1]	0
CDD_RxMtrPos1ParityAccum_Cnt_G_u16[0]	0
CDD_RxMtrPos1ParityAccum_Cnt_G_u16[1]	0
CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[0]	0
CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[1]	0
CDD_SysCVSwitchADC_Cnt_G_u16[0]	0
CDD_SysCVSwitchADC_Cnt_G_u16[1]	0
CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[0]	0
CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[1]	0
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	0
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	0

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Name	Input Value		
PXAccumPrev_Cnt_M_u32[0]	0		
PXAccumPrev_Cnt_M_u32[1]	0		
PXAccumPrev_Cnt_M_u32[2]	0		
Rte_Inst_Sa_CDDInterface	tgt_Rte_Inst_Sa_CDDInterface		
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	0		
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	0		
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	0	500	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr1_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr2_Volts_f32 tqt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32	tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev	tgt_CDDInterface_Per1_CorrMtrCurrPosition_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CumMechMtrPos_Rev_f32	tgt_CDDInterface_Per1_CumMechMtrPos_R		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxError_Cnt_u16	tgt_CDDInterface_Per1_Die1RxError_Cnt_u1	_	
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 Die1UnderVoltgFltAccum Cnt	target_CDDInterface_Per1_Die1UnderVoltgF		
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 Die1RxMtrPos Cnt u16	tgt CDDInterface Per1 Die1RxMtrPos Cnt		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxRevCtr_Cnt_u16	tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxError_Cnt_u16	tgt_CDDInterface_Per1_Die2RxError_Cnt_u1		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxMtrPos_Cnt_u16	tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_	u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxRevCtr_Cnt_u16	tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_	u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeA_	Cnt_u32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeB_	Cnt_u32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeC_	Cnt_u32	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_LRPRPhase advance Captured_Inst_Sa_CDDInterface_Per1_LRPRPhase advance Captured_Inst_Sa_CDDInterface_Per1_LRPRPPhase advance Captured_Inst_Sa_CDDInterface_Per1_LRPRPPhase advance Captured_Inst_Sa_CDDInterface_Per1_LRPRPPhase advance CaptureD_Inst_Sa_CDDInterface_Per1_LRPRPPhase advance CaptureD_Inst_Sa_CDDINTERFACE_PER1_RDPPhase Advance CaptureD_Inst_Sa_CDDINTERFACE_PER1$	tgt_CDDInterface_Per1_LRPRPhaseadvance	eCaptured_Cnt_s16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeA_	_Cnt_u32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeB_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeC_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MechMtrPos1TimeStamp_USer		·	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MechMtrPos2TimeStamp_USer			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ModIdxFinal_Uls_f32	tgt_CDDInterface_Per1_ModIdxFinal_Uls_f32		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrDax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrDax_Amp_f3		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK1_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK2_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32	tgt_CDDInterface_Per1_MtrCurrQaxFinalRef		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrQax_Amp_f3		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCVSwitchADC_Cnt_u16	tgt_CDDInterface_Per1_SysCVSwitchADC_0	uni_Cnt_u ro	
		nt u16	
		_	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCorrectedElecMtrPos_Rev_Inst_SysCorrectedElecMtrPos_S$	tgt_CDDInterface_Per1_SysCorrectedElecMt	trPos_Rev_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCorrectedElecMtrPos_Rev_tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_UncorrMechMtrPos1_Rev_u0p	tgt_CDDInterface_Per1_SysCorrectedElecMttgt_CDDInterface_Per1_UncorrMechMtrPos1	trPos_Rev_f32 _Rev_u0p16	Result
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCorrectedElecMtrPos_Rev_tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_UncorrMechMtrPos1_Rev_u0printerface_Per	tgt_CDDInterface_Per1_SysCorrectedElecMttgt_CDDInterface_Per1_UncorrMechMtrPos1 Actual Value	trPos_Rev_f32 _Rev_u0p16 Expected Value	Result
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCorrectedElecMtrPos_Rev_tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_UncorrMechMtrPos1_Rev_u0p: Name CDD_CDDDataAccessBfr_Cnt_G_u16	tgt_CDDInterface_Per1_SysCorrectedElecMt tgt_CDDInterface_Per1_UncorrMechMtrPos1 Actual Value	trPos_Rev_f32 _Rev_u0p16 Expected Value	Result
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCorrectedElecMtrPos_Rev_tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_UncorrMechMtrPos1_Rev_u0pr Name CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0]	tgt_CDDInterface_Per1_SysCorrectedElecMttgt_CDDInterface_Per1_UncorrMechMtrPos1 Actual Value 1 0	trPos_Rev_f32 _Rev_u0p16 Expected Value 1	Result
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCorrectedElecMtrPos_Rev_tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_UncorrMechMtrPos1_Rev_u0pr Name CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1]	tgt_CDDInterface_Per1_SysCorrectedElecMt tgt_CDDInterface_Per1_UncorrMechMtrPos1 Actual Value	trPos_Rev_f32 _Rev_u0p16 Expected Value 1 0	Result
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCorrectedElecMtrPos_Rev_tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_UncorrMechMtrPos1_Rev_u0p: Name CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2]	tgt_CDDInterface_Per1_SysCorrectedElecMt tgt_CDDInterface_Per1_UncorrMechMtrPos1 Actual Value 1 0	trPos_Rev_f32 _Rev_u0p16 Expected Value 1	\ \ \
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCorrectedElecMtrPos_Rev_tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_UncorrMechMtrPos1_Rev_u0p: Name CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	tgt_CDDInterface_Per1_SysCorrectedElecMt tgt_CDDInterface_Per1_UncorrMechMtrPos1 Actual Value 1 0 0	trPos_Rev_f32 _Rev_u0p16 Expected Value 1 0 0	\ \ \
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCorrectedElecMtrPos_Rev_tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_UncorrMechMtrPos1_Rev_u0p: Name CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	tgt_CDDInterface_Per1_SysCorrectedElecMt tgt_CDDInterface_Per1_UncorrMechMtrPos1 Actual Value 1 0 0 0	trPos_Rev_f32 _Rev_u0p16 Expected Value 1 0 0 0	\ \ \ \
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCorrectedElecMtrPos_Rev_tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_UncorrMechMtrPos1_Rev_u0p* Name CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value	tgt_CDDInterface_Per1_SysCorrectedElecMt tgt_CDDInterface_Per1_UncorrMechMtrPos1 Actual Value 1 0 0 0 0 0	trPos_Rev_f32 _Rev_u0p16 Expected Value 1 0 0 0 0 0 ± 0.0625	\ \ \ \
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCorrectedElecMtrPos_Rev_tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_UncorrMechMtrPos1_Rev_u0p* Name CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value	tgt_CDDInterface_Per1_SysCorrectedElecMt tgt_CDDInterface_Per1_UncorrMechMtrPos1 Actual Value 1 0 0 0 0 0 0 0	trPos_Rev_f32 _Rev_u0p16 Expected Value 1 0 0 0 0 0 ± 0.0625 0 ± 0.0625	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCorrectedElecMtrPos_Rev_tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_UncorrMechMtrPos1_Rev_u0p* Name CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value	tgt_CDDInterface_Per1_SysCorrectedElecMt tgt_CDDInterface_Per1_UncorrMechMtrPos1 Actual Value 1 0 0 0 0 0 0 0 0	trPos_Rev_f32 _Rev_u0p16 Expected Value 1 0 0 0 0 0±0.0625 0±0.0625	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCorrectedElecMtrPos_Rev_tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_UncorrMechMtrPos1_Rev_u0p* Name CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value	tgt_CDDInterface_Per1_SysCorrectedElecMt tgt_CDDInterface_Per1_UncorrMechMtrPos1 Actual Value 1 0 0 0 0 0 0 0 0 0 0	trPos_Rev_f32 _Rev_u0p16 Expected Value 1 0 0 0 0 0 ± 0.0625 0 ± 0.0625 0 0	0
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCorrectedElecMtrPos_Rev_tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_UncorrMechMtrPos1_Rev_u0p* Name CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value	tgt_CDDInterface_Per1_SysCorrectedElecMt tgt_CDDInterface_Per1_UncorrMechMtrPos1 Actual Value 1 0 0 0 0 0 0 0 0 0 0 0 0	trPos_Rev_f32 _Rev_u0p16 Expected Value 1 0 0 0 0 0±0.0625 0±0.0625 0 0 0	
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tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCorrectedElecMtrPos_Rev_tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_UncorrMechMtrPos1_Rev_u0p* Name CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFitAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value	tgt_CDDInterface_Per1_SysCorrectedElecMt tgt_CDDInterface_Per1_UncorrMechMtrPos1 Actual Value 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	trPos_Rev_f32 _Rev_u0p16 Expected Value 1 0 0 0 0 0 ±0.0625 0 ±0.0625 0 0 0 -0.5±0.0625 0	
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tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCorrectedElecMtrPos_Rev_tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_UncorrMechMtrPos1_Rev_u0p* Name CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFitAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value	tgt_CDDInterface_Per1_SysCorrectedElecMt tgt_CDDInterface_Per1_UncorrMechMtrPos1 Actual Value 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	trPos_Rev_f32 _Rev_u0p16 Expected Value 1 0 0 0 0 0 0 ± 0.0625 0 0 0 0 -0.5 ± 0.0625 0 0 0 0 0 0 0	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCorrectedElecMtrPos_Rev_tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_UncorrMechMtrPos1_Rev_u0p* Name CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFitAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value	tgt_CDDInterface_Per1_SysCorrectedElecMt tgt_CDDInterface_Per1_UncorrMechMtrPos1 Actual Value 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	trPos_Rev_f32 _Rev_u0p16 Expected Value 1 0 0 0 0 0 0 ± 0.0625 0 0 0 0 -0.5 ± 0.0625 0 0 0 0 0 0 0 0	
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tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCorrectedElecMtrPos_Rev_tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_UncorrMechMtrPos1_Rev_u0p* Name CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value	tgt_CDDInterface_Per1_SysCorrectedElecMt tgt_CDDInterface_Per1_UncorrMechMtrPos1 Actual Value 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	trPos_Rev_132 _Rev_u0p16 Expected Value 1 0 0 0 0 0 0 0±0.0625 0 0 0 0 -0.5±0.0625 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
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tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCorrectedElecMtrPos_Rev_tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_UncorrMechMtrPos1_Rev_u0p* Name CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFitAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeS_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeStamp_USec_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_U32.value tgt_CDDInterface_Per1_MechMtr	tgt_CDDInterface_Per1_SysCorrectedElecMitgt_CDDInterface_Per1_UncorrMechMtrPos1 Actual Value 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	trPos_Rev_f32 _Rev_u0p16 Expected Value 1 0 0 0 0 0 0 0±0.0625 0 0 0 0 -0.5±0.0625 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCorrectedElecMtrPos_Rev_tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_UncorrMechMtrPos1_Rev_u0p* Name CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_McchMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_McchMtrPos2TimeStamp_USec_u32.val	tgt_CDDInterface_Per1_SysCorrectedElecMt tgt_CDDInterface_Per1_UncorrMechMtrPos1 Actual Value 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	trPos_Rev_132 _Rev_u0p16 Expected Value 1 0 0 0 0 0 0 ±0.0625 0 0 0 -0.5±0.0625 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	

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CDD	Interface	Per1
$\circ \circ \circ$	michacc	1 011

Name	Actual Value	Expected Value	Result
tgt_CDDInterface_Per1_SysCVSwitchADC_Cnt_u16.value	0	0	✓
tgt_CDDInterface_Per1_SysCorrectedElecMtrPos_Rev_f32.value	0	0 ± 0.0625	✓
tgt CDDInterface Per1 UncorrMechMtrPos1 Rev u0p16.value	0	0	✓

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
CDDPorts_ClearPhsReasSum	1	CDDPorts_ClearPhsReasSum	1	~

Test Step 2.2 (Repeat Count = 1)	→
Name	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16	1
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	4.2949673e+009
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	4.2949673e+009
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	65535
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	65535
CDD_CumMechMtrPos_Rev_G_s15p16[0]	32767
CDD_CumMechMtrPos_Rev_G_s15p16[1]	32767
CDD_Die1RxError_Cnt_G_u16[0]	65535
CDD_Die1RxError_Cnt_G_u16[1]	65535
CDD_Die1RxMtrPos_Cnt_G_u16[0]	65535
CDD_Die1RxMtrPos_Cnt_G_u16[1]	65535
CDD_Die1RxRevCtr_Cnt_G_u16[0]	65535
CDD_Die1RxRevCtr_Cnt_G_u16[1]	65535
CDD_Die2RxError_Cnt_G_u16[0]	65535
CDD_Die2RxError_Cnt_G_u16[1]	65535
CDD_Die2RxMtrPos_Cnt_G_u16[0] CDD_Die2RxMtrPos_Cnt_G_u16[1]	65535
	65535 65535
CDD_Die2RxRevCtr_Cnt_G_u16[0] CDD_Die2RxRevCtr_Cnt_G_u18[1]	65535
CDD_Die2RxRevCtr_Cnt_G_u16[1] CDD_MechMtrPostTimeStamp_uSec_G_u22[0]	4294967295
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1] CDD_MechMtrPos2TimeStamp_uSec_G_u32[0]	4294967295 4294967295
CDD_MechMtrPos2TimeStamp_uSec_G_u32[1]	4294967295
CDD_ModIdxFinal_Uls_G_u16p16[0]	65534
CDD_ModIdxFinal_UIs_G_u16p16[1]	65534
CDD_MtrCurr1_Volts_G_f32[0]	5
CDD_MtrCurr1_volts_G_f32[1]	5
CDD_MtrCurr2_Volts_G_f32[0]	5
CDD_MtrCurr2_Volts_G_f32[1]	5
CDD_MtrCurrDax_Amp_G_f32[0]	220
CDD_MtrCurrDax_Amp_G_f32[1]	220
CDD_MtrCurrK1_Amps_G_f32[0]	220
CDD_MtrCurrK1_Amps_G_f32[1]	220
CDD_MtrCurrK2_Amps_G_f32[0]	220
CDD_MtrCurrK2_Amps_G_f32[1]	220
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	220
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	220
CDD_MtrCurrQax_Amp_G_f32[0]	220
CDD MtrCurrQax Amp G f32[1]	220
CDD PWMDutyCycleASum Cnt G u32[0]	200000
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	200000
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	200000
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	200000
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	200000
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	200000
CDD_PhaseAdvFinal_Cnt_G_u16[0]	65535
CDD_PhaseAdvFinal_Cnt_G_u16[1]	65535
CDD_RxMtrPos1ParityAccum_Cnt_G_u16[0]	65535
CDD_RxMtrPos1ParityAccum_Cnt_G_u16[1]	65535
CDD_RxMtrPos1UnderVoltgFitAccum_Cnt_u16[0]	65535
CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[1]	65535
CDD_SysCVSwitchADC_Cnt_G_u16[0]	65535
CDD_SysCVSwitchADC_Cnt_G_u16[1]	65535
CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[0]	65535
CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[1]	65535
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	65535
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	65535
PXAccumPrev_Cnt_M_u32[0]	536870911
PXAccumPrev_Cnt_M_u32[1]	536870911
PXAccumPrev_Cnt_M_u32[2]	536870911



Name	Input Value		
Rte_Inst_Sa_CDDInterface	tgt_Rte_Inst_Sa_CDDInterface		
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	536870911		
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	536870911		
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	536870911		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr1_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr1_Volts	s_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr2_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr2_Volts	s_f32	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32$	tgt_CDDInterface_Per1_CorrMtrCurrPosition	n_Rev_f32	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPosFloat_Rection (CDDInterface_Per1_CorrectedElecMtrPosFloat_Rection (CDDInterface_Per1_CorrectedElecMtrPosFloat_Per1_CorrectedElecMtrPosFloat_Per1_CorrectedElecMtrPosFloat_Rection (CDDInterface_Per1_CorrectedElecMtrPosFloat_Per1_CorrectedElecMtrPosFloat_Per1_CorrectedElecMtrPosFloat_Per1_CorrectedElecMtrPosFloat_Per1_CorrectedElecMtrPosFloat_Per1_CorrectedElecMtrPos$	tgt_CDDInterface_Per1_CorrectedElecMtrPo	osFloat_Rev_f32	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPos_Rev_uterface_Per1_CorrectedElecMtrPos_Per1_CorrectedElecMtrPos_Rev_uterface_Per1_CorrectedElecMtrPos_Per1_CorrectedElecMtrPos_Per1_CorrectedElecMtrPos_Per1_CorrectedElecMtrPos_Per1_CorrectedElecMtrPos_Per1_CorrectedElecMtrPos_Per1_CorrectedElecMtrPos_Per1_CorrectedElecMtrPos_Per1_CorrectedElecMtrPos_Per1_CorrectedElecMtrPos_Per1_CorrectedElecMtrPos_Per1_CorrectedElecMtrPos_Per1_$	tgt_CDDInterface_Per1_CorrectedElecMtrPo	os_Rev_u0p16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CumMechMtrPos_Rev_f32	tgt_CDDInterface_Per1_CumMechMtrPos_F	Rev_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxError_Cnt_u16	tgt_CDDInterface_Per1_Die1RxError_Cnt_u	16	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnterface_Per1_Die1UnderVoltgFltAccu$	target_CDDInterface_Per1_Die1UnderVoltgl	FltAccum_Cnt_u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxMtrPos_Cnt_u16	tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt	_u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxRevCtr_Cnt_u16	tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt	_u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxError_Cnt_u16	tgt_CDDInterface_Per1_Die2RxError_Cnt_u	16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxMtrPos_Cnt_u16	tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt	_u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxRevCtr_Cnt_u16	tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt	_u16	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32$	tgt_CDDInterface_Per1_ExpectedOnTimeA_	_Cnt_u32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeB_	_Cnt_u32	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32$	tgt_CDDInterface_Per1_ExpectedOnTimeC_	_Cnt_u32	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_LRPRPhase advance Capture Compared to the com$	tgt_CDDInterface_Per1_LRPRPhaseadvand	eCaptured_Cnt_s16	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32$	tgt_CDDInterface_Per1_MeasuredOnTimeA		
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32$	tgt_CDDInterface_Per1_MeasuredOnTimeB	_Cnt_u32	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32$	tgt_CDDInterface_Per1_MeasuredOnTimeC	_Cnt_u32	
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 MechMtrPos1TimeStamp US	e tgt_CDDInterface_Per1_MechMtrPos1Times	Stamp_USec_u32	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MechMtrPos2TimeStamp_US$			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ModIdxFinal_Uls_f32	tgt_CDDInterface_Per1_ModIdxFinal_Uls_f3	32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrDax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrDax_Amp_f	32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK1_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK1_Amp_f3	2	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK2_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK2_Amp_f3	2	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32000000000000000000000000000000000000$	tgt_CDDInterface_Per1_MtrCurrQaxFinalRe	f_Amp_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrQax_Amp_f	32	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_RxMtrPos1ParityAccum_C$	u tgt_CDDInterface_Per1_RxMtrPos1ParityAc	cum_Cnt_u16	
	tgt_CDDInterface_Per1_SysCVSwitchADC_Cnt_u16		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCVSwitchADC_Cnt_u16	tgt_CDDInterface_Per1_SysCVSwitchADC_	Cnt_u16	
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$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCorrectedElecMtrPos_Revenue and the property of the proper$	tgt_CDDInterface_Per1_SysCorrectedElecN	ltrPos_Rev_f32	Result
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tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCorrectedElecMtrPos_Rev tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_UncorrMechMtrPos1_Rev_u0 Name CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevctr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeS_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MethUrrQax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_RtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_RtrCurrDax_Amp_f	L tgt_CDDInterface_Per1_SysCorrectedElect Ltgt_CDDInterface_Per1_UncorrMechMtrPos Actual Value 0 67108863 67108863 67108863 65535 5 4.2949673e+009 0.999984741 65535 0.499984741 65535 65535 65535 65535 65535 65535 65535 65535 67108864 67108864 67108864 67108864 67108864 67108864 67108864 67108864 67108864 67108864 67108864 67108864 67108864 67108864 672095 0.999969482 220 220 220 220 220 220 220 220 220 2	trPos_Rev_f32 1_Rev_u0p16 Expected Value 0 67108863 67108863 65535 5 ± 0.0625 5 ± 0.0625 4.2949673e+009 0.999984741 65535 65535 65535 65535 65535 65535 65535 65535 65535 67108864 67108864 67108864 67108864 67108864 67108864 67108864 67108864 67108864 67108864 67108864 67108864 67108864 67108864 67108864 67108864 67108864 67295 0.999984741 ± 0.0625 220 220 220 220 220 220	Result
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tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCorrectedElecMtrPos_Rev tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_UncorrMechMtrPos1_Rev_u0 Name CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_bie1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevctr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MethMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MethMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MethWtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MethWtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDI	L tgt_CDDInterface_Per1_SysCorrectedElect Ltgt_CDDInterface_Per1_UncorrMechMtrPos Actual Value 0 67108863 67108863 67108863 65535 5 4.2949673e+009 0.999984741 65535 0.499984741 65535 65535 65535 65535 65535 65535 65535 65535 67108864 67108864 67108864 67108864 67108864 67108864 67108864 67108864 67108864 67108864 67108864 67108864 67108864 67108864 672095 0.999969482 220 220 220 220 220 220 220 220 220 2	trPos_Rev_f32 1_Rev_u0p16 Expected Value 0 67108863 67108863 65535 5 ± 0.0625 5 ± 0.0625 4.2949673e+009 0.999984741 65535 65535 65535 65535 65535 65535 65535 65535 65535 67108864 67108864 67108864 67108864 67108864 67108864 67108864 67108864 67108864 67108864 67108864 67108864 67108864 67108864 67108864 67108864 67108864 67295 0.999984741 ± 0.0625 220 220 220 220 220 220	



Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
CDDPorts_ClearPhsReasSum	1	CDDPorts_ClearPhsReasSum	1	~

Test Step 2.3 (Repeat Count = 1)	Innut Value
Name CDD_CDDDataAccessBfr_Cnt_G_u16	Input Value
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	4898.52002
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	6966.62012
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	655
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	1310
CDD_CumMechMtrPos_Rev_G_s15p16[0]	-19660
CDD_CumMechMtrPos_Rev_G_s15p16[1]	-26214
CDD_Die1RxError_Cnt_G_u16[0]	4656
CDD_Die1RxError_Cnt_G_u16[1]	6592
CDD_Die1RxMtrPos_Cnt_G_u16[0]	5140
CDD_Die1RxMtrPos_Cnt_G_u16[1]	7340
CDD_Die1RxRevCtr_Cnt_G_u16[0] CDD_Die1RxRevCtr_Cnt_G_u16[1]	5503 7901
CDD_Die1RxRevCtr_Cnt_G_u16[1] CDD_Die2RxError_Cnt_G_u16[0]	5503
CDD_Die2RxError_Cnt_G_u16[1]	7901
CDD_Die2RxMtrPos_Cnt_G_u16[0]	5140
CDD_Die2RxMtrPos_Cnt_G_u16[1]	7340
CDD_Die2RxRevCtr_Cnt_G_u16[0]	4898
CDD_Die2RxRevCtr_Cnt_G_u16[1]	6966
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	2599
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	3413
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0]	7688
CDD_MechMtrPos2TimeStamp_uSec_G_u32[1]	9097
CDD_ModldxFinal_Uls_G_u16p16[0]	32125
CDD_ModldxFinal_Uls_G_u16p16[1]	32132
CDD_MtrCurr1_Volts_G_f32[0]	2.00025487
CDD_MtrCurr1_Volts_G_f32[1]	1.00025475
CDD_MtrCurr2_Volts_G_f32[0]	2.00015473
CDD_MtrCurr2_Volts_G_f32[1] CDD_MtrCurrDax_Amp_G_f32[0]	2.00025487 192.830994
CDD_MtrCurrDax_Amp_G_f32[1]	203.834
CDD_MtrCurrK1_Amps_G_f32[0]	10.25
CDD_MtrCurrK1_Amps_G_f32[1]	15.3599997
CDD_MtrCurrK2_Amps_G_f32[0]	16.2199993
CDD_MtrCurrK2_Amps_G_f32[1]	17.2299995
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	-78.0100021
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	67.4800034
CDD_MtrCurrQax_Amp_G_f32[0]	-140.000259
CDD_MtrCurrQax_Amp_G_f32[1]	63.0002556
CDD_PWMDutyCycleASum_Cnt_G_u32[0]	100
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	150
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	1994
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	2478
CDD_PWMDutyCycleCSum_Cnt_G_u32[0] CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	2236 2852
CDD_PhaseAdvFinal_Cnt_G_u16[0]	5261
CDD_PhaseAdvFinal_Cnt_G_u16[1]	7527
CDD RxMtrPos1ParityAccum Cnt G u16[0]	4777
CDD RxMtrPos1ParityAccum Cnt G u16[1]	6779
CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[0]	5261
CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[1]	7527
CDD_SysCVSwitchADC_Cnt_G_u16[0]	2357
CDD_SysCVSwitchADC_Cnt_G_u16[1]	3039
CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[0]	0
CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[1]	1966
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	0
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	1966
PXAccumPrev_Cnt_M_u32[0]	6229
PXAccumPrev_Cnt_M_u32[1]	9023
PXAccumPrev_Cnt_M_u32[2]	11564
Rte_Inst_Sa_CDDInterface	tgt_Rte_Inst_Sa_CDDInterface
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	1258465 247863
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Name	Input Value		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr1_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_	f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr2_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32	tgt_CDDInterface_Per1_CorrMtrCurrPosition_	_Rev_f32	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev$	tgt_CDDInterface_Per1_CorrectedElecMtrPo	sFloat_Rev_f32	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0ptgrades and the state of the stat$	tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CumMechMtrPos_Rev_f32	tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxError_Cnt_u16	tgt_CDDInterface_Per1_Die1RxError_Cnt_u1		
	target_CDDInterface_Per1_Die1UnderVoltgF		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxMtrPos_Cnt_u16	tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxRevCtr_Cnt_u16 tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxError_Cnt_u16	tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_ tgt_CDDInterface_Per1_Die2RxError_Cnt_u1		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxMtrPos_Cnt_u16	tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxRevCtr_Cnt_u16	tgt CDDInterface Per1 Die2RxRevCtr Cnt		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeA_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeB_	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeC_	Cnt_u32	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_LRPRPhase advance Captured_$	tgt_CDDInterface_Per1_LRPRPhaseadvance	eCaptured_Cnt_s16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32	$tgt_CDDInterface_Per1_MeasuredOnTimeA_$	_Cnt_u32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeB_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeC_		
	tgt_CDDInterface_Per1_MechMtrPos1TimeS	·	
	tgt_CDDInterface_Per1_MechMtrPos2TimeS		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ModIdxFinal_UIs_f32	tgt_CDDInterface_Per1_ModldxFinal_Uls_f32 tgt_CDDInterface_Per1_MtrCurrDax_Amp_f3		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrDax_Amp_f32 tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK1_Amp_f32	tgt_CDDInterface_Per1_MtrCurrDax_Amp_r3 tgt_CDDInterface_Per1_MtrCurrK1_Amp_r32		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK2_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32		
	tgt_CDDInterface_Per1_MtrCurrQaxFinalRef		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQax_Amp_f32	tgt CDDInterface Per1 MtrCurrQax Amp f3		
	tgt_CDDInterface_Per1_RxMtrPos1ParityAcc	cum_Cnt_u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCVSwitchADC_Cnt_u16	tgt_CDDInterface_Per1_SysCVSwitchADC_0	Cnt_u16	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCorrectedElecMtrPos_Rev_$	tgt_CDDInterface_Per1_SysCorrectedElecMt	trPos_Rev_f32	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_UncorrMechMtrPos1_Rev_u0p^-$	tgt_CDDInterface_Per1_UncorrMechMtrPos1	I_Rev_u0p16	
Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	1	1	~
PXAccumPrev_Cnt_M_u32[0]	157308	157308	✓
PXAccumPrev_Cnt_M_u32[1]	30982	30982	•
PXAccumPrev_Cnt_M_u32[2]	597315	597315	~
target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	5261	5261	✓
tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value	2.00025487 2.00015473	2.00025487 ± 0.0625 2.00015473 ± 0.0625	J
tgt_CDDInterface_rer1_Abount/currPosition_Rev_f32.value	4898.52002	4898.52002	•
tgt CDDInterface Per1 CorrectedElecMtrPosFloat Rev f32.value	0.00999450684	0.00999450684	
tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value	655	655	✓
tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value	-0.299987793	-0.300003052 ± 0.0625	✓
tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value	4656	4656	✓
tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value	5140	5140	✓
tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value	5503	5503	✓
tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value	5503	5503	~
tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value	5140	5140	•
tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value	4898	4898	•
tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value	100	100	V
tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value	1994 2236	1994 2236	~
tgt_CDDInterface_Per1_ExpectedOn1imeC_Cnt_usz.value tgt_CDDInterface_Per1_ExpectedOn1imeC_Cnt_usz.value	493	493	Ž
	·		~
tgt CDDInterface Per1 MeasuredOnTimeA Cnt u32.value	151079	151079	
tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value	151079 21959	151079 21959	~
tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value			
tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value	21959	21959	•
tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value	21959 585751	21959 585751	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value	21959 585751 2599	21959 585751 2599	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value	21959 585751 2599 7688	21959 585751 2599 7688	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_ModIdxFinal_UIs_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32.value	21959 585751 2599 7688 0.490188599 192.830994 10.25	21959 585751 2599 7688 0.490203857 ± 0.0625 192.830994 10.25	
tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_ModIdxFinal_UIs_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value	21959 585751 2599 7688 0.490188599 192.830994 10.25 16.2199993	21959 585751 2599 7688 0.490203857 ± 0.0625 192.830994 10.25 16.2199993	
tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_ModIdxFinal_UIs_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value	21959 585751 2599 7688 0.490188599 192.830994 10.25 16.2199993 -78.0100021	21959 585751 2599 7688 0.490203857 ± 0.0625 192.830994 10.25 16.2199993 -78.0100021	
tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_ModIdxFinal_UIs_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value	21959 585751 2599 7688 0.490188599 192.830994 10.25 16.2199993 -78.0100021 -140.000259	21959 585751 2599 7688 0.490203857 ± 0.0625 192.830994 10.25 16.2199993 -78.0100021 -140.000259	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_ModIdxFinal_UIs_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u16.value	21959 585751 2599 7688 0.490188599 192.830994 10.25 16.2199993 -78.0100021 -140.000259	21959 585751 2599 7688 0.490203857 ± 0.0625 192.830994 10.25 16.2199993 -78.0100021 -140.000259 4777	
tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_ModIdxFinal_UIs_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value	21959 585751 2599 7688 0.490188599 192.830994 10.25 16.2199993 -78.0100021 -140.000259	21959 585751 2599 7688 0.490203857 ± 0.0625 192.830994 10.25 16.2199993 -78.0100021 -140.000259	· · · · · · · · · · · · · · · · · · ·



Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
CDDPorts ClearPhsReasSum	1	CDDPorts ClearPhsReasSum	1	~

Test Step 2.4 (Repeat Count = 1)	√
Name	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16	1
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	5019.52002
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	7153.8501
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	0
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	1966
CDD_CumMechMtrPos_Rev_G_s15p16[0]	20971
CDD_CumMechMtrPos_Rev_G_s15p16[1]	26869
CDD_Die1RxError_Cnt_G_u16[0]	4777 6779
CDD_Die1RxError_Cnt_G_u16[1] CDD_Die1RxMtrPos_Cnt_G_u16[0]	5261
CDD_Die1RxMtrPos_Cnt_G_u16[1]	7527
CDD_Die1RxRevCtr_Cnt_G_u16[0]	5624
CDD_Die1RxRevCtr_Cnt_G_u16[1]	8088
CDD_Die2RxError_Cnt_G_u16[0]	4656
CDD_Die2RxError_Cnt_G_u16[1]	6592
CDD_Die2RxMtrPos_Cnt_G_u16[0]	5261
CDD_Die2RxMtrPos_Cnt_G_u16[1]	7527
CDD_Die2RxRevCtr_Cnt_G_u16[0]	5019
CDD_Die2RxRevCtr_Cnt_G_u16[1]	7153
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	2720
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	3600
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0]	4656
CDD_MechMtrPos2TimeStamp_uSec_G_u32[1]	6592 8126
CDD_ModldxFinal_Uls_G_u16p16[0] CDD_ModldxFinal_Uls_G_u16p16[1]	8133
CDD MtrCurr1 Volts G f32[0]	2.0005095
CDD_MtrCurr1_Volts_G_f32[1]	4.00050974
CDD_MtrCurr2_Volts_G_f32[0]	2.0005095
CDD_MtrCurr2_Volts_G_f32[1]	4.00050974
CDD_MtrCurrDax_Amp_G_f32[0]	141.156998
CDD_MtrCurrDax_Amp_G_f32[1]	151.380005
CDD_MtrCurrK1_Amps_G_f32[0]	25.3600006
CDD_MtrCurrK1_Amps_G_f32[1]	35.8899994
CDD_MtrCurrK2_Amps_G_f32[0]	17.4400005
CDD_MtrCurrK2_Amps_G_f32[1]	18.0100002
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	-120.220001
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	104.269997
CDD_MtrCurrQax_Amp_G_f32[0]	-78.0100021 -74.00004
CDD_MtrCurrQax_Amp_G_f32[1] CDD PWMDutyCycleASum Cnt G u32[0]	67.4800034 126
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	156
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	2115
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	2665
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	2357
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	3039
CDD_PhaseAdvFinal_Cnt_G_u16[0]	5382
CDD_PhaseAdvFinal_Cnt_G_u16[1]	7714
CDD_RxMtrPos1ParityAccum_Cnt_G_u16[0]	4898
CDD_RxMtrPos1ParityAccum_Cnt_G_u16[1]	6966
CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[0]	5382
CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[1]	7714
CDD_SysCVSwitchADC_Cnt_G_u16[0]	2599
CDD_SysCVSwitchADC_Cnt_G_u16[1]	3413
CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[0]	0
CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[1]	2621
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0] CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	0 2621
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1] PXAccumPrev_Cnt_M_u32[0]	6350
PXAccumPrev_Cnt_M_u32[1]	9210
PXAccumPrev_Cnt_M_u32[2]	22789
Rte_Inst_Sa_CDDInterface	tgt_Rte_Inst_Sa_CDDInterface
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	1485762
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	685746
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	4785232

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Name	Input Value		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr1_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr1_Volts	_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr2_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr2_Volts	_f32	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32$	tgt_CDDInterface_Per1_CorrMtrCurrPosition	_Rev_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CumMechMtrPos_Rev_f32	tgt_CDDInterface_Per1_CumMechMtrPos_R	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxError_Cnt_u16 tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_	tgt_CDDInterface_Per1_Die1RxError_Cnt_u′ target_CDDInterface_Per1_Die1UnderVoltgF		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxMtrPos_Cnt_u16	tgt CDDInterface Per1 Die1RxMtrPos Cnt		
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 Die1RxRevCtr Cnt u16	tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxError_Cnt_u16	tgt_CDDInterface_Per1_Die2RxError_Cnt_u^		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxMtrPos_Cnt_u16	tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_	u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxRevCtr_Cnt_u16	tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_	<u>u</u> 16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeA_	Cnt_u32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeB_	-	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeC_	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_LRPRPhaseadvanceCaptured_	tgt_CDDInterface_Per1_LRPRPhaseadvance		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32 tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeA_ tgt_CDDInterface_Per1_MeasuredOnTimeB_	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeC_		
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 MechMtrPos1TimeStamp USe			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MechMtrPos2TimeStamp_USe			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ModIdxFinal_Uls_f32	tgt_CDDInterface_Per1_ModIdxFinal_Uls_f3:		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrDax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrDax_Amp_f3		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK1_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32	2	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK2_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32	2	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32	tgt_CDDInterface_Per1_MtrCurrQaxFinalRef		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrQax_Amp_f3		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCVSwitchADC_Cnt_u16	tgt_CDDInterface_Per1_SysCVSwitchADC_0	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCorrectedElecMtrPos_Rev_ tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_UncorrMechMtrPos1_Rev_u0p	tgt_CDDInterface_Per1_SysCorrectedElecMitgt_CDDInterface_Per1_UncorrMechMtrPos1		
Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	0	0	result
PXAccumPrev Cnt M u32[0]	185720	185720	~
PXAccumPrev_Cnt_M_u32[1]	85718	85718	~
PXAccumPrev_Cnt_M_u32[2]	598154	598154	~
target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	7714	7714	~
tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value	4.00050974	4.00050974 ± 0.0625	~
tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value	4.00050974	4.00050974 ± 0.0625	~
tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value	7153.8501	7153.8501	V
tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value	0.0299987793	0.0299987793	~
tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value	1966 0.409988403	1966 0.410003662 ± 0.0625	J
tgt CDDInterface Per1 Die1RxError Cnt u16.value	6779	6779	~
tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value	7527		_
tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value		7527	
tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value	8088	7527 8088	✓
	8088 6592		*
tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value		8088	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value	6592	8088 6592	~
tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value	6592 7527 7153 156	8088 6592 7527 7153	
tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value	6592 7527 7153 156 2665	8088 6592 7527 7153 156 2665	\ \ \
tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value	6592 7527 7153 156 2665 3039	8088 6592 7527 7153 156 2665 3039	· · ·
tgl_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value	6592 7527 7153 156 2665 3039 723	8088 6592 7527 7153 156 2665 3039 723	· · · · · · ·
tgl_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value	6592 7527 7153 156 2665 3039 723 179370	8088 6592 7527 7153 156 2665 3039 723 179370	\rightarrow \right
tgl_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value	6592 7527 7153 156 2665 3039 723 179370 76508	8088 6592 7527 7153 156 2665 3039 723 179370 76508	· · · · · · · · · · · · · · · · · · ·
tgl_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value	6592 7527 7153 156 2665 3039 723 179370 76508 575365	8088 6592 7527 7153 156 2665 3039 723 179370 76508 575365	\rightarrow \right
tgl_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value	6592 7527 7153 156 2665 3039 723 179370 76508	8088 6592 7527 7153 156 2665 3039 723 179370 76508	· · · · · · · · · · · · · · · · · · ·
tgl_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgl_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgl_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgl_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgl_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value tgl_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgl_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgl_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgl_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgl_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value	6592 7527 7153 156 2665 3039 723 179370 76508 575365 3600	8088 6592 7527 7153 156 2665 3039 723 179370 76508 575365	***************************************
tgl_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgl_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgl_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgl_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgl_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value tgl_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgl_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgl_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgl_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgl_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgl_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value	6592 7527 7153 156 2665 3039 723 179370 76508 575365 3600 6592	8088 6592 7527 7153 156 2665 3039 723 179370 76508 575365 3600 6592	***************************************
tgl_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgl_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgl_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgl_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgl_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value tgl_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgl_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgl_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgl_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgl_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgl_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgl_CDDInterface_Per1_ModIdxFinal_UIs_f32.value	6592 7527 7153 156 2665 3039 723 179370 76508 575365 3600 6592 0.124099731	8088 6592 7527 7153 156 2665 3039 723 179370 76508 575365 3600 6592 0.124099731 ± 0.0625	· · · · · · · · · · · · · · · · · · ·
tgl_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgl_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgl_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgl_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgl_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value tgl_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgl_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgl_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgl_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgl_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgl_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgl_CDDInterface_Per1_ModIdxFinal_UIs_f32.value tgl_CDDInterface_Per1_ModIdxFinal_UIs_f32.value tgl_CDDInterface_Per1_MtrCurrDax_Amp_f32.value	6592 7527 7153 156 2665 3039 723 179370 76508 575365 3600 6592 0.124099731 151.380005	8088 6592 7527 7153 156 2665 3039 723 179370 76508 575365 3600 6592 0.124099731 ± 0.0625 151.380005	· · · · · · · · · · · · · · · · · · ·
tgl_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgl_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgl_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgl_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgl_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value tgl_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgl_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgl_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgl_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgl_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgl_CDDInterface_Per1_ModldxFinal_UIs_f32.value tgl_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgl_CDDInterface_Per1_MtrCurrK1_Amp_f32.value tgl_CDDInterface_Per1_MtrCurrK2_Amp_f32.value tgl_CDDInterface_Per1_MtrCurrK2_Amp_f32.value tgl_CDDInterface_Per1_MtrCurrK2_Amp_f32.value	6592 7527 7153 156 2665 3039 723 179370 76508 575365 3600 6592 0.124099731 151.380005 35.8899994 18.0100002 104.269997	8098 6592 7527 7153 156 2665 3039 723 179370 76508 575365 3600 6592 0.124099731 ± 0.0625 151.380005 35.8899994 18.0100002 104.269997	> > > > > > > > > > > > > > > > > > >
tgl_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgl_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgl_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgl_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgl_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value tgl_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgl_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgl_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgl_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgl_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgl_CDDInterface_Per1_ModldxFinal_UIs_f32.value tgl_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgl_CDDInterface_Per1_MtrCurrK1_Amp_f32.value tgl_CDDInterface_Per1_MtrCurrK2_Amp_f32.value tgl_CDDInterface_Per1_MtrCurrK2_Amp_f32.value tgl_CDDInterface_Per1_MtrCurrQax_FinalRef_Amp_f32.value tgl_CDDInterface_Per1_MtrCurrQax_FinalRef_Amp_f32.value tgl_CDDInterface_Per1_MtrCurrQax_Amp_f32.value	6592 7527 7153 156 2665 3039 723 179370 76508 575365 3600 6592 0.124099731 151.380005 35.889994 18.0100002 104.269997 67.4800034	8098 6592 7527 7153 156 2665 3039 723 179370 76508 575365 3600 6592 0.124099731 ± 0.0625 151.380005 35.889994 18.0100002 104.269997 67.4800034	> > > > > > > > > > > > > > > > > > >
tgl_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgl_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgl_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgl_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgl_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value tgl_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgl_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgl_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgl_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgl_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgl_CDDInterface_Per1_MedldxFinal_UIs_f32.value tgl_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgl_CDDInterface_Per1_MtrCurrK1_Amp_f32.value tgl_CDDInterface_Per1_MtrCurrK2_Amp_f32.value tgl_CDDInterface_Per1_MtrCurrK2_Amp_f32.value tgl_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value tgl_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgl_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgl_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgl_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgl_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgl_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgl_CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u16.value	6592 7527 7153 156 2665 3039 723 179370 76508 575365 3600 6592 0.124099731 151.380005 35.889994 18.0100002 104.269997 67.4800034 6966	8098 6592 7527 7153 156 2665 3039 723 179370 76508 575365 3600 6592 0.124099731 ± 0.0625 151.380005 35.8899994 18.0100002 104.269997 67.4800034 6966	> > > > > > > > > > > > > > > > > > >
tgl_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_ModldxFinal_UIs_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u16.value tgt_CDDInterface_Per1_SysCVSwitchADC_Cnt_u16.value	6592 7527 7153 156 2665 3039 723 179370 76508 575365 3600 6592 0.124099731 151.380005 35.889994 18.0100002 104.269997 67.4800034 6966 3413	8098 6592 7527 7153 156 2665 3039 723 179370 76508 575365 3600 6592 0.124099731 ± 0.0625 151.380005 35.889994 18.0100002 104.269997 67.4800034 6966 3413	> > > > > > > > > > > > > > > > > > >
tgl_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgl_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgl_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgl_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgl_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value tgl_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgl_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgl_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgl_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgl_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgl_CDDInterface_Per1_MedldxFinal_UIs_f32.value tgl_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgl_CDDInterface_Per1_MtrCurrK1_Amp_f32.value tgl_CDDInterface_Per1_MtrCurrK2_Amp_f32.value tgl_CDDInterface_Per1_MtrCurrK2_Amp_f32.value tgl_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value tgl_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgl_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgl_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgl_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgl_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgl_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgl_CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u16.value	6592 7527 7153 156 2665 3039 723 179370 76508 575365 3600 6592 0.124099731 151.380005 35.889994 18.0100002 104.269997 67.4800034 6966	8098 6592 7527 7153 156 2665 3039 723 179370 76508 575365 3600 6592 0.124099731 ± 0.0625 151.380005 35.8899994 18.0100002 104.269997 67.4800034 6966	>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>



Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
CDDPorts_ClearPhsReasSum	1	CDDPorts_ClearPhsReasSum	1	~

Test Step 2.5 (Repeat Count = 1)	
Name	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16	0
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	5140.81006
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	7340.52002
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	0
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	2621
CDD_CumMechMtrPos_Rev_G_s15p16[0]	-7864
CDD_CumMechMtrPos_Rev_G_s15p16[1]	-18350
CDD_Die1RxError_Cnt_G_u16[0]	4898
CDD_Die1RxError_Cnt_G_u16[1]	6966
CDD_Die1RxMtrPos_Cnt_G_u16[0]	5382
CDD_Die1RxMtrPos_Cnt_G_u16[1] CDD_Die1RxRevCtr_Cnt_G_u16[0]	7714 4656
CDD_Die1RxRevCtr_Cnt_G_u16[1]	6592
CDD_Die2RxError_Cnt_G_u16[0]	4777
CDD_Die2RxError_Cnt_G_u16[1]	6779
CDD_Die2RxMtrPos_Cnt_G_u16[0]	5382
CDD_Die2RxMtrPos_Cnt_G_u16[1]	7714
CDD_Die2RxRevCtr_Cnt_G_u16[0]	5140
CDD_Die2RxRevCtr_Cnt_G_u16[1]	7340
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	2841
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	3787
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0]	4777
CDD_MechMtrPos2TimeStamp_uSec_G_u32[1]	6779
CDD_ModIdxFinal_Uls_G_u16p16[0]	20506
CDD_ModIdxFinal_Uls_G_u16p16[1]	20512
CDD_MtrCurr1_Volts_G_f32[0]	0.0007644
CDD_MtrCurr1_Volts_G_f32[1]	2.00076437
CDD_MtrCurr2_Volts_G_f32[0]	0.0007644
CDD_MtrCurr2_Volts_G_f32[1]	1.00076437
CDD_MtrCurrDax_Amp_G_f32[0]	100.264999
CDD_MtrCurrDax_Amp_G_f32[1]	110.487999
CDD_MtrCurrK1_Amps_G_f32[0]	55.5800018
CDD_MtrCurrK1_Amps_G_f32[1]	76.9499969
CDD_MtrCurrK2_Amps_G_f32[0]	19.8799992
CDD_MtrCurrK2_Amps_G_f32[1]	19.5699997 -204.639999
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0] CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	-177.850006
CDD_MtrCurrQax_Amp_G_f32[0]	-120.220001
CDD_MtrCurrQax_Amp_G_f32[1]	104.269997
CDD_PWMDutyCycleASum_Cnt_G_u32[0]	142
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	158
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	2357
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	3039
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	2599
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	3413
CDD_PhaseAdvFinal_Cnt_G_u16[0]	5624
CDD_PhaseAdvFinal_Cnt_G_u16[1]	8088
CDD_RxMtrPos1ParityAccum_Cnt_G_u16[0]	5019
CDD_RxMtrPos1ParityAccum_Cnt_G_u16[1]	7153
CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[0]	5503
CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[1]	7901
CDD_SysCVSwitchADC_Cnt_G_u16[0]	2720
CDD_SysCVSwitchADC_Cnt_G_u16[1]	3600
CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[0]	2621
CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[1]	3276
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	2621
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	3276
PXAccumPrev_Cnt_M_u32[0]	222
PXAccumPrev_Cnt_M_u32[1]	368
PXAccumPrev_Cnt_M_u32[2]	5239
Rte_Inst_Sa_CDDInterface	tgt_Rte_Inst_Sa_CDDInterface
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	756007
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	756887 4785545
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	T100040

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Name	Input Value		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr1_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr1_Volts	_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr2_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr2_Volts	_f32	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32$	tgt_CDDInterface_Per1_CorrMtrCurrPosition	_Rev_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CumMechMtrPos_Rev_f32	tgt_CDDInterface_Per1_CumMechMtrPos_R	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxError_Cnt_u16 tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_	tgt_CDDInterface_Per1_Die1RxError_Cnt_u′ target_CDDInterface_Per1_Die1UnderVoltgF		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxMtrPos_Cnt_u16	tgt CDDInterface Per1 Die1RxMtrPos Cnt		
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 Die1RxRevCtr Cnt u16	tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxError_Cnt_u16	tgt_CDDInterface_Per1_Die2RxError_Cnt_u^		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxMtrPos_Cnt_u16	tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_	u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxRevCtr_Cnt_u16	tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_	<u>u</u> 16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeA_	Cnt_u32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeB_	-	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeC_	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_LRPRPhaseadvanceCaptured_	tgt_CDDInterface_Per1_LRPRPhaseadvance		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32 tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeA_ tgt_CDDInterface_Per1_MeasuredOnTimeB_	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32	tgt CDDInterface Per1 MeasuredOnTimeC		
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 MechMtrPos1TimeStamp USe		_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MechMtrPos2TimeStamp_USe			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ModIdxFinal_Uls_f32	tgt_CDDInterface_Per1_ModIdxFinal_Uls_f3:		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrDax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrDax_Amp_f3		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK1_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32	2	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK2_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32	2	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32	tgt_CDDInterface_Per1_MtrCurrQaxFinalRef	_Amp_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrQax_Amp_f3		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCVSwitchADC_Cnt_u16	tgt_CDDInterface_Per1_SysCVSwitchADC_0	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCorrectedElecMtrPos_Rev_ tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_UncorrMechMtrPos1_Rev_u0p	tgt_CDDInterface_Per1_SysCorrectedElecMitgt_CDDInterface_Per1_UncorrMechMtrPos1		
Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	1	1	Kesuit
PXAccumPrev Cnt M u32[0]	0	0	~
PXAccumPrev_Cnt_M_u32[1]	94610	94610	~
PXAccumPrev_Cnt_M_u32[2]	598193	598193	~
target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	5503	5503	•
tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value	0.0007644	0.0007644 ± 0.0625	~
tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value	0.0007644	0.0007644 ± 0.0625	~
tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value	5140.81006	5140.81006	~
tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value	0	0	•
tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value	-0.119995117	-0.119995117 ± 0.0625	•
tgt CDDInterface Per1 Die1RxError Cnt u16.value	-0.119999117		_
tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value	4898		~
	4898 5382	4898	*
tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value	4898 5382 4656		\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value	5382	4898 5382	***
	5382 4656	4898 5382 4656	***
tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value	5382 4656 4777	4898 5382 4656 4777	* * * * * * * * * * * * * * * * * * * *
tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value	5382 4656 4777 5382 5140	4898 5382 4656 4777 5382 5140	\(\frac{1}{2}\)
tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value	5382 4656 4777 5382 5140 142 2357	4898 5382 4656 4777 5382 5140 142 2357	· · · · · · · · · · · · · · · · · · ·
tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value	5382 4656 4777 5382 5140 142 2357 2599	4898 5382 4656 4777 5382 5140 142 2357 2599	· · · · · · · · · · · · · · · · · · ·
tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value	5382 4656 4777 5382 5140 142 2357 2599 527	4898 5382 4656 4777 5382 5140 142 2357 2599 527	· · · · · · · · · · · · · · · · · · ·
tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_RPRPhaseadvanceCaptured_Cnt_s16.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value	5382 4656 4777 5382 5140 142 2357 2599 527 536870690	4898 5382 4656 4777 5382 5140 142 2357 2599 527 536870690	· · · · · · · · · · · · · · · · · · ·
tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_RPRPhaseadvanceCaptured_Cnt_s16.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value	5382 4656 4777 5382 5140 142 2357 2599 527 536870690 94242	4898 5382 4656 4777 5382 5140 142 2357 2599 527 536870690 94242	***************************************
tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value	5382 4656 4777 5382 5140 142 2357 2599 527 536870690	4898 5382 4656 4777 5382 5140 142 2357 2599 527 536870690	· · · · · · · · · · · · · · · · · · ·
tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_RPRPhaseadvanceCaptured_Cnt_s16.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value	5382 4656 4777 5382 5140 142 2357 2599 527 536870690 94242 592954	4898 5382 4656 4777 5382 5140 142 2357 2599 527 536870690 94242 592954	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_RPRPhaseadvanceCaptured_Cnt_s16.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value	5382 4656 4777 5382 5140 142 2357 2599 527 536870690 94242 592954 2841	4898 5382 4656 4777 5382 5140 142 2357 2599 527 536870690 94242 592954 2841	> > > > > > > > > > > > > > > > > > >
tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_RPRPhaseadvanceCaptured_Cnt_s16.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value	5382 4656 4777 5382 5140 142 2357 2599 527 536870690 94242 592954 2841 4777	4898 5382 4656 4777 5382 5140 142 2357 2599 527 536870690 94242 592954 2841 4777	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_RPRPhaseadvanceCaptured_Cnt_s16.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_ModIdxFinal_UIs_f32.value	5382 4656 4777 5382 5140 142 2357 2599 527 536870690 94242 592954 2841 4777 0.312896729	4898 5382 4656 4777 5382 5140 142 2357 2599 527 536870690 94242 592954 2841 4777 0.312896729 ± 0.0625)
tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_ModldxFinal_UIs_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value	5382 4656 4777 5382 5140 142 2357 2599 527 536870690 94242 592954 2841 4777 0.312896729 100.264999 55.5800018 19.8799992	4898 5382 4656 4777 5382 5140 142 2357 2599 527 536870690 94242 592954 2841 4777 0.312896729 ± 0.0625 100.264999 55.5800018 19.8799992	· · · · · · · · · · · · · · · · · · ·
tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_ModldxFinal_UIs_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value	5382 4656 4777 5382 5140 142 2357 2599 527 536870690 94242 592954 2841 4777 0.312896729 100.264999 55.5800018 19.8799992 -204.639999	4898 5382 4656 4777 5382 5140 142 2357 2599 527 536870690 94242 592954 2841 4777 0.312896729 ± 0.0625 100.264999 55.5800018 19.8799992 -204.639999	· · · · · · · · · · · · · · · · · · ·
tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MedldxFinal_UIs_f32.value tgt_CDDInterface_Per1_ModldxFinal_UIs_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value	5382 4656 4777 5382 5140 142 2357 2599 527 536870690 94242 592954 2841 4777 0.312896729 100.264999 55.5800018 19.8799992 -204.639999 -120.220001	4898 5382 4656 4777 5382 5140 142 2357 2599 527 536870690 94242 592954 2841 4777 0.312896729 ± 0.0625 100.264999 55.5800018 19.8799992 -204.639999 -120.220001	· · · · · · · · · · · · · · · · · · ·
tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MedldxFinal_UIs_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_FinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_FinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value	5382 4656 4777 5382 5140 142 2357 2599 527 536870690 94242 592954 2841 4777 0.312896729 100.264999 55.5800018 19.8799992 -204.639999 -120.220001 5019	4898 5382 4656 4777 5382 5140 142 2357 2599 527 536870690 94242 592954 2841 4777 0.312896729 ± 0.0625 100.264999 55.5800018 19.8799992 -204.639999 -120.220001 5019	· · · · · · · · · · · · · · · · · · ·
tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MedldxFinal_UIs_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_SysCVSwitchADC_Cnt_u16.value	5382 4656 4777 5382 5140 142 2357 2599 527 536870690 94242 592954 2841 4777 0.312896729 100.264999 55.5800018 19.8799992 -204.639999 -120.220001 5019 2720	4898 5382 4656 4777 5382 5140 142 2357 2599 527 536870690 94242 592954 2841 4777 0.312896729 ± 0.0625 100.264999 55.5800018 19.8799992 -204.639999 -120.220001 5019 2720	· · · · · · · · · · · · · · · · · · ·
tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MedldxFinal_UIs_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_FinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_FinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value	5382 4656 4777 5382 5140 142 2357 2599 527 536870690 94242 592954 2841 4777 0.312896729 100.264999 55.5800018 19.8799992 -204.639999 -120.220001 5019	4898 5382 4656 4777 5382 5140 142 2357 2599 527 536870690 94242 592954 2841 4777 0.312896729 ± 0.0625 100.264999 55.5800018 19.8799992 -204.639999 -120.220001 5019	· · · · · · · · · · · · · · · · · · ·





Test Step Call Trace			V	
Actual Function	Count	Expected Function	Count	Result
CDDPorts_ClearPhsReasSum	1	CDDPorts_ClearPhsReasSum	1	~

Test Step 2.6 (Repeat Count = 1)	→
Name	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16	1
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	5261.41016
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	7527.8501
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	2621
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	3277
CDD_CumMechMtrPos_Rev_G_s15p16[0]	19005
CDD_CumMechMtrPos_Rev_G_s15p16[1]	20316
CDD_Die1RxError_Cnt_G_u16[0] CDD_Die1RxError_Cnt_G_u16[1]	5019 7153
CDD_Die1RxError_Cnt_G_u16[1] CDD_Die1RxMtrPos_Cnt_G_u16[0]	4777
CDD_Die1RxMtrPos_Cnt_G_u16[1]	6779
CDD_Die1RxRevCtr_Cnt_G_u16[0]	4777
CDD_Die1RxRevCtr_Cnt_G_u16[1]	6779
CDD_Die2RxError_Cnt_G_u16[0]	4898
CDD_Die2RxError_Cnt_G_u16[1]	6966
CDD_Die2RxMtrPos_Cnt_G_u16[0]	5503
CDD_Die2RxMtrPos_Cnt_G_u16[1]	7901
CDD_Die2RxRevCtr_Cnt_G_u16[0]	4656
CDD_Die2RxRevCtr_Cnt_G_u16[1]	6592
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	190
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	192
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0]	4898
CDD_MechMtrPos2TimeStamp_uSec_G_u32[1]	6966
CDD_ModIdxFinal_Uls_G_u16p16[0]	26981
CDD_ModIdxFinal_Uls_G_u16p16[1]	26987
CDD_MtrCurr1_Volts_G_f32[0]	1.00101924
CDD_MtrCurr1_Volts_G_f32[1]	2.00101924
CDD_MtrCurr2_Volts_G_f32[0]	1.00101924
CDD_MtrCurr2_Volts_G_f32[1]	2.00101924 -134.268005
CDD_MtrCurrDax_Amp_G_f32[0] CDD_MtrCurrDax_Amp_G_f32[1]	-123.785004
CDD_MtrCurrK1_Amps_G_f32[0]	-97.4800034
CDD_MtrCurrK1_Amps_G_f32[1]	-70.6900024
CDD_MtrCurrK2_Amps_G_f32[0]	21.1000004
CDD_MtrCurrK2_Amps_G_f32[1]	20.3500004
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	-207.679993
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	-130.020004
CDD_MtrCurrQax_Amp_G_f32[0]	-204.639999
CDD_MtrCurrQax_Amp_G_f32[1]	-177.850006
CDD_PWMDutyCycleASum_Cnt_G_u32[0]	150
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	159
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	2478
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	3226
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	2720
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	3600
CDD_PhaseAdvFinal_Cnt_G_u16[0] CDD_PhaseAdvFinal_Cnt_G_u16[1]	5745
CDD_PhaseAdvFinal_Cnt_G_u16[1] CDD_RxMtrPos1ParityAccum_Cnt_G_u16[0]	8275 5140
CDD RxMtrPos1ParityAccum Cnt G u16[1]	7340
CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[0]	5624
CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[1]	8088
CDD_SysCVSwitchADC_Cnt_G_u16[0]	2841
CDD_SysCVSwitchADC_Cnt_G_u16[1]	3787
CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[0]	0
CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[1]	3932
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	0
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	3932
PXAccumPrev_Cnt_M_u32[0]	230
PXAccumPrev_Cnt_M_u32[1]	424
PXAccumPrev_Cnt_M_u32[2]	6464
Rte_Inst_Sa_CDDInterface	tgt_Rte_Inst_Sa_CDDInterface
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	536870911
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	965874
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	1258465

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Name	Input Value		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr1_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr1_Volts	_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr2_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr2_Volts	_f32	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32$	tgt_CDDInterface_Per1_CorrMtrCurrPosition	_Rev_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CumMechMtrPos_Rev_f32	tgt_CDDInterface_Per1_CumMechMtrPos_R	-	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxError_Cnt_u16 tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_	tgt_CDDInterface_Per1_Die1RxError_Cnt_u- target_CDDInterface_Per1_Die1UnderVoltgF		
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 Die1RxMtrPos Cnt u16	tgt CDDInterface Per1 Die1RxMtrPos Cnt		
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 Die1RxRevCtr Cnt u16	tgt CDDInterface Per1 Die1RxRevCtr Cnt		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxError_Cnt_u16	tgt_CDDInterface_Per1_Die2RxError_Cnt_u		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxMtrPos_Cnt_u16	tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_	_u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxRevCtr_Cnt_u16	tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_	<u>u</u> 16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeA_	Cnt_u32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeB_	· -	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeC_	-	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_LRPRPhaseadvanceCaptured_	tgt_CDDInterface_Per1_LRPRPhaseadvance		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32 tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeA_ tgt_CDDInterface_Per1_MeasuredOnTimeB	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeC		
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 MechMtrPos1TimeStamp USe			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MechMtrPos2TimeStamp_USe			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ModIdxFinal_Uls_f32	tgt_CDDInterface_Per1_ModIdxFinal_Uls_f3.		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrDax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrDax_Amp_f3	32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK1_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32	2	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK2_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32	2	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32	tgt_CDDInterface_Per1_MtrCurrQaxFinalRef	_Amp_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrQax_Amp_f3		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCVSwitchADC_Cnt_u16	tgt_CDDInterface_Per1_SysCVSwitchADC_0	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCorrectedElecMtrPos_Rev_	tgt_CDDInterface_Per1_SysCorrectedElecM		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_UncorrMechMtrPos1_Rev_u0p Name	tgt_CDDInterface_Per1_UncorrMechMtrPos1 Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	0	0	Kesuit
PXAccumPrev Cnt M u32[0]	67108863	67108863	~
PXAccumPrev_Cnt_M_u32[1]	120734	120734	~
PXAccumPrev_Cnt_M_u32[2]	157308	157308	~
target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	8088	8088	•
tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value	2.00101924	2.00101924 ± 0.0625	~
tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value	2.00101924	2.00101924 ± 0.0625	~
tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value	7527.8501	7527.8501	~
tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value	0.0500030518	0.0500030518	~
tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value	0.309997559	3277 0.309997559 ± 0.0625	
tgt CDDInterface Per1 Die1RxError Cnt u16.value	7153	7153	-
tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value	6779	6779	~
tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value	6779	6779	~
tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value	6966	6966	~
tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value	7901	7901	~
tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value	6592	6592	~
tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value	159	159	•
tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value	3226	3226	~
tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value	3600	3600	~
tgt_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value	775	775 67108633	~
tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value			•
tgt CDDInterface Per1 MeasuredOnTimeC Cnt u32.value	67108633		_
ig_obblittenace_ren_incacaredonnineo_ont_ace.value	120310	120310	✓
tgt CDDInterface Per1 MechMtrPos1TimeStamp USec u32.value			\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value	120310 150844	120310 150844	~
	120310 150844 192	120310 150844 192	*
tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value	120310 150844 192 6966	120310 150844 192 6966	\(\frac{1}{2} \)
tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_ModIdxFinal_UIs_f32.value	120310 150844 192 6966 0.41178894	120310 150844 192 6966 0.411804199 ± 0.0625	· · · · · · · · · · · · · · · · · · ·
tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_ModIdxFinal_UIs_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value	120310 150844 192 6966 0.41178894 -123.785004 -70.6900024 20.3500004	120310 150844 192 6966 0.411804199 ± 0.0625 -123.785004 -70.6900024 20.3500004	· · · · · · · · · · · · · · · · · · ·
tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_ModIdxFinal_UIs_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value	120310 150844 192 6966 0.41178894 -123.785004 -70.6900024 20.3500004 -130.020004	120310 150844 192 6966 0.411804199 ± 0.0625 -123.785004 -70.6900024 20.3500004 -130.020004	· · · · · · · · · · · · · · · · · · ·
tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_ModIdxFinal_UIs_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value	120310 150844 192 6966 0.41178894 -123.785004 -70.6900024 20.3500004 -130.020004 -177.850006	120310 150844 192 6966 0.411804199 ± 0.0625 -123.785004 -70.6900024 20.3500004 -130.020004 -177.850006	· · · · · · · · · · · · · · · · · · ·
tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_ModIdxFinal_UIs_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u16.value	120310 150844 192 6966 0.41178894 -123.785004 -70.6900024 20.3500004 -130.020004 -177.850006 7340	120310 150844 192 6966 0.411804199 ± 0.0625 -123.785004 -70.6900024 20.3500004 -130.020004 -177.850006 7340	· · · · · · · · · · · · · · · · · · ·
tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_ModldxFinal_UIs_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u16.value tgt_CDDInterface_Per1_SysCVSwitchADC_Cnt_u16.value	120310 150844 192 6966 0.41178894 -123.785004 -70.6900024 20.3500004 -130.020004 -177.850006 7340 3787	120310 150844 192 6966 0.411804199 ± 0.0625 -123.785004 -70.6900024 20.3500004 -130.020004 -177.850006 7340 3787	· · · · · · · · · · · · · · · · · · ·
tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_ModIdxFinal_UIs_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u16.value	120310 150844 192 6966 0.41178894 -123.785004 -70.6900024 20.3500004 -130.020004 -177.850006 7340	120310 150844 192 6966 0.411804199 ± 0.0625 -123.785004 -70.6900024 20.3500004 -130.020004 -177.850006 7340	· · · · · · · · · · · · · · · · · · ·





Test Step Call Trace		✓		
Actual Function	Count	Expected Function	Count	Result
CDDPorts_ClearPhsReasSum	1	CDDPorts_ClearPhsReasSum	1	~

Test Step 2.7 (Repeat Count = 1)	
Name	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16	1
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	5382.41016
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	7714.52002
CDD CorrectedElecMtrPos Rev G u0p16[0]	0
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	3932
CDD_CumMechMtrPos_Rev_G_s15p16[0]	-31457
CDD_CumMechMtrPos_Rev_G_s15p16[1]	-32112
CDD_Die1RxError_Cnt_G_u16[0]	5140
CDD_Die1RxError_Cnt_G_u16[1]	7340
CDD_Die1RxMtrPos_Cnt_G_u16[0]	4656
CDD_Die1RxMtrPos_Cnt_G_u16[1]	6592
CDD_Die1RxRevCtr_Cnt_G_u16[0]	4898
CDD_Die1RxRevCtr_Cnt_G_u16[1]	6966
CDD_Die2RxError_Cnt_G_u16[0]	5019
CDD_Die2RxError_Cnt_G_u16[1]	7153
CDD_Die2RxMtrPos_Cnt_G_u16[0] CDD_Die2RxMtrPos_Cnt_G_u16[1]	5624 8088
CDD_Die2RxRevCtr Cnt G u16[0]	4777
CDD_Die2RxRevCtr_Cnt_G_u16[1]	6779
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	2962
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	3974
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0]	5019
CDD_MechMtrPos2TimeStamp_uSec_G_u32[1]	7153
CDD_ModIdxFinal_Uls_G_u16p16[0]	34321
CDD_ModIdxFinal_Uls_G_u16p16[1]	34327
CDD_MtrCurr1_Volts_G_f32[0]	2.00127411
CDD_MtrCurr1_Volts_G_f32[1]	1.00127399
CDD_MtrCurr2_Volts_G_f32[0]	1.00127399
CDD_MtrCurr2_Volts_G_f32[1]	2.00127411
CDD_MtrCurrDax_Amp_G_f32[0]	147.304993
CDD_MtrCurrlA_Amp_G_f32[1]	158.048004 -25.5799999
CDD_MtrCurrK1_Amps_G_f32[0] CDD_MtrCurrK1_Amps_G_f32[1]	-20.4699993
CDD_MtrCurrK2_Amps_G_f32[0]	22.3199997
CDD_MtrCurrK2_Amps_G_f32[1]	21.1299992
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	131.320007
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	208.639999
CDD_MtrCurrQax_Amp_G_f32[0]	-207.679993
CDD_MtrCurrQax_Amp_G_f32[1]	-130.020004
CDD_PWMDutyCycleASum_Cnt_G_u32[0]	158
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	160
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	2599
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	3413
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	2841
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	3787
CDD_PhaseAdvFinal_Cnt_G_u16[0]	5628
CDD_PhaseAdvFinal_Cnt_G_u16[1]	8097
CDD_RxMtrPos1ParityAccum_Cnt_G_u16[0] CDD_RxMtrPos1ParityAccum_Cnt_G_u16[1]	5261 7527
CDD_RXMtrPos1UnderVoltgFltAccum_Cnt_u16[0]	5624
CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[1]	8088
CDD_SysCVSwitchADC_Cnt_G_u16[0]	190
CDD_SysCVSwitchADC_Cnt_G_u16[1]	192
CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[0]	3932
CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[1]	4588
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	3932
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	4588
PXAccumPrev_Cnt_M_u32[0]	238
PXAccumPrev_Cnt_M_u32[1]	480
PXAccumPrev_Cnt_M_u32[2]	7689
Rte_Inst_Sa_CDDInterface	tgt_Rte_Inst_Sa_CDDInterface
HETPROOPANA IND	
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	5248637 358476

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Name	Input Value		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr1_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr1_Volts	_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr2_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr2_Volts	_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32	tgt_CDDInterface_Per1_CorrMtrCurrPosition	_Rev_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CumMechMtrPos_Rev_f32	tgt_CDDInterface_Per1_CumMechMtrPos_R	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxError_Cnt_u16 tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_	tgt_CDDInterface_Per1_Die1RxError_Cnt_u- target_CDDInterface_Per1_Die1UnderVoltgF		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxMtrPos_Cnt_u16	tgt CDDInterface Per1 Die1RxMtrPos Cnt		
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 Die1RxRevCtr Cnt u16	tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxError_Cnt_u16	tgt_CDDInterface_Per1_Die2RxError_Cnt_u		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxMtrPos_Cnt_u16	tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_	u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxRevCtr_Cnt_u16	tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_	<u>u</u> 16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeA_	Cnt_u32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeB_	-	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeC_	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_LRPRPhaseadvanceCaptured_	tgt_CDDInterface_Per1_LRPRPhaseadvance		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32 tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeA_ tgt_CDDInterface_Per1_MeasuredOnTimeB	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeD_Cin_u32	tgt_CDDInterface_Per1_MeasuredOnTimeC	-	
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 MechMtrPos1TimeStamp USe			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MechMtrPos2TimeStamp_USe			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ModIdxFinal_Uls_f32	tgt_CDDInterface_Per1_ModIdxFinal_Uls_f3.		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrDax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrDax_Amp_f3		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK1_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32	2	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK2_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32	2	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32	tgt_CDDInterface_Per1_MtrCurrQaxFinalRef	_Amp_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrQax_Amp_f3		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCVSwitchADC_Cnt_u16	tgt_CDDInterface_Per1_SysCVSwitchADC_0	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCorrectedElecMtrPos_Rev_	tgt_CDDInterface_Per1_SysCorrectedElecM		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_UncorrMechMtrPos1_Rev_u0p Name	tgt_CDDInterface_Per1_UncorrMechMtrPos1 Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	0	0	Kesuit
PXAccumPrev Cnt M u32[0]	656079	656079	~
PXAccumPrev_Cnt_M_u32[1]	44809	44809	~
PXAccumPrev_Cnt_M_u32[2]	185720	185720	~
target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	8088	8088	•
tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value	1.00127399	1.00127399 ± 0.0625	~
tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value	2.00127411	2.00127411 ± 0.0625	~
tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value	7714.52002	7714.52002	✓
tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value			
tot ODDIstorfore Book Orangete dElectAteDes Book (0.040 colors	0.0599975586	0.0599975586	•
tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value	3932	3932	V
tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value	3932 -0.489990234	3932 -0.490005493 ± 0.0625	
tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value	3932 -0.489990234 7340	3932 -0.490005493 ± 0.0625 7340	
tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value	3932 -0.489990234 7340 6592	3932 -0.490005493 ± 0.0625	\(\frac{1}{2}\)
tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value	3932 -0.489990234 7340	3932 -0.490005493 ± 0.0625 7340 6592	\(\frac{1}{2}\)
tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value	3932 -0.489990234 7340 6592 6966	3932 -0.490005493 ± 0.0625 7340 6592 6966	\(\frac{1}{2}\)
tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value	3932 -0.489990234 7340 6592 6966 7153	3932 -0.490005493 ± 0.0625 7340 6592 6966 7153	· · · · · · · · · · · · · · · · · · ·
tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value	3932 -0.489990234 7340 6592 6966 7153 8088	3932 -0.490005493 ± 0.0625 7340 6592 6966 7153 8088	· · · · · · · · · · · · · · · · · · ·
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tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value	3932 -0.489990234 7340 6592 6966 7153 8088 6779 160 3413	3932 -0.490005493 ± 0.0625 7340 6592 6966 7153 8088 6779 160 3413 3787	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
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tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_RPRPhaseadvanceCaptured_Cnt_s16.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_ModIdxFinal_UIs_f32.value	3932 -0.489990234 7340 6592 6966 7153 8088 6779 160 3413 3787 759 655841 44329 178031 3974 7153 0.523788452	3932 -0.490005493 ± 0.0625 7340 6592 6966 7153 8088 6779 160 3413 3787 759 655841 44329 178031 3974 7153 0.523803711 ± 0.0625)
tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_ModldxFinal_UIs_f32.value tgt_CDDInterface_Per1_ModldxFinal_UIs_f32.value tgt_CDDInterface_Per1_ModldxFinal_UIs_f32.value	3932 -0.489990234 7340 6592 6966 7153 8088 6779 160 3413 3787 759 655841 44329 178031 3974 7153 0.523788452 158.048004	3932 -0.490005493 ± 0.0625 7340 6592 6966 7153 8088 6779 160 3413 3787 759 655841 44329 178031 3974 7153 0.523803711 ± 0.0625 158.048004	· · · · · · · · · · · · · · · · · · ·
tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_ModldxFinal_Uls_f32.value tgt_CDDInterface_Per1_ModldxFinal_Uls_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrR1_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrR2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrR2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrR2_Amp_f32.value	3932 -0.489990234 7340 6592 6966 7153 8088 6779 160 3413 3787 759 655841 44329 178031 3974 7153 0.523788452 158.048004 -20.4699993 21.1299992 208.639999	3932 -0.490005493 ± 0.0625 7340 6592 6966 7153 8088 6779 160 3413 3787 759 655841 44329 178031 3974 7153 0.523803711 ± 0.0625 158.048004 -20.4699993 21.1299992 208.639999	· · · · · · · · · · · · · · · · · · ·
tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_ModIdxFinal_Uls_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrCax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrCax_FinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_FinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value	3932 -0.489990234 7340 6592 6966 7153 8088 6779 160 3413 3787 759 655841 44329 1178031 3974 7153 0.523788452 158.048004 -20.4699993 21.1299992 208.639999 -130.020004	3932 -0.490005493 ± 0.0625 7340 6592 6966 7153 8088 6779 160 3413 3787 759 655841 44329 178031 3974 7153 0.523803711 ± 0.0625 158.048004 -20.4699993 21.1299992 208.639999 -130.020004	· · · · · · · · · · · · · · · · · · ·
tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MesuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrCax_FinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_FinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_FinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_FinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_FinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_FinalRef_Amp_f32.value	3932 -0.489990234 7340 6592 6966 7153 8088 6779 160 3413 3787 759 655841 44329 178031 3974 7153 0.523788452 158.048004 -20.4699993 21.1299992 208.639999 -130.020004 7527	3932 -0.490005493 ± 0.0625 7340 6592 6966 7153 8088 6779 160 3413 3787 759 655841 44329 178031 3974 7153 0.523803711 ± 0.0625 158.048004 -20.4699993 21.1299992 208.639999 -130.020004 7527)
tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MesuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_McdldxFinal_Uls_f32.value tgt_CDDInterface_Per1_McdldxFinal_Uls_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrCax_FinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_FinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_FinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value	3932 -0.489990234 7340 6592 6966 7153 8088 6779 160 3413 3787 759 655841 44329 178031 3974 7153 0.523788452 158.048004 -20.4699993 21.1299992 208.639999 -130.020004 7527	3932 -0.490005493 ± 0.0625 7340 6592 6966 7153 8088 6779 160 3413 3787 759 655841 44329 178031 3974 7153 0.523803711 ± 0.0625 156.048004 -20.4699993 21.1299992 208.639999 -130.020004 7527	· · · · · · · · · · · · · · · · · · ·
tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MesuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrCax_FinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_FinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_FinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_FinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_FinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_FinalRef_Amp_f32.value	3932 -0.489990234 7340 6592 6966 7153 8088 6779 160 3413 3787 759 655841 44329 178031 3974 7153 0.523788452 158.048004 -20.4699993 21.1299992 208.639999 -130.020004 7527	3932 -0.490005493 ± 0.0625 7340 6592 6966 7153 8088 6779 160 3413 3787 759 655841 44329 178031 3974 7153 0.523803711 ± 0.0625 158.048004 -20.4699993 21.1299992 208.639999 -130.020004 7527)





Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
CDDPorts_ClearPhsReasSum	1	CDDPorts_ClearPhsReasSum	1	~

Test Step 2.8 (Repeat Count = 1)	✓
Name	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16	0
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	5503.1499
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	7901.8501
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	3932
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	4587
CDD_CumMechMtrPos_Rev_G_s15p16[0]	85
CDD_CumMechMtrPos_Rev_G_s15p16[1]	91
CDD_Die1RxError_Cnt_G_u16[0]	5261
CDD_Die1RxError_Cnt_G_u16[1]	7527
CDD_Die1RxMtrPos_Cnt_G_u16[0]	4777
CDD_Die1RxMtrPos_Cnt_G_u16[1]	6779
CDD_Die1RxRevCtr_Cnt_G_u16[0]	5019
CDD_Die1RxRevCtr_Cnt_G_u16[1]	7153
CDD_Die2RxError_Cnt_G_u16[0]	5140
CDD_Die2RxError_Cnt_G_u16[1]	7340
CDD_Die2RxMtrPos_Cnt_G_u16[0] CDD_Die2RxMtrPos_Cnt_G_u16[1]	4656 6592
CDD_Die2RxMtrPos_Cnt_G_u16[1] CDD_Die2RxRevCtr_Cnt_G_u16[0]	4898
CDD_Die2RxRevCtr_Cnt_G_u16[1]	6966
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	3083
CDD_MechMtrPos1TimeStamp_uSec_G_u32[t]	4161
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0]	5140
CDD_MechMtrPos2TimeStamp_uSec_G_u32[1]	7340
CDD_ModIdxFinal_Uls_G_u16p16[0]	10859
CDD_ModIdxFinal_Uls_G_u16p16[1]	10865
CDD_MtrCurr1_Volts_G_f32[0]	4.00637007
CDD_MtrCurr1_Volts_G_f32[1]	1.00636995
CDD_MtrCurr2_Volts_G_f32[0]	4.00637007
CDD_MtrCurr2_Volts_G_f32[1]	2.00637007
CDD_MtrCurrDax_Amp_G_f32[0]	-181.828003
CDD_MtrCurrDax_Amp_G_f32[1]	-170.824997
CDD_MtrCurrK1_Amps_G_f32[0]	46.4199982
CDD_MtrCurrK1_Amps_G_f32[1]	56.9500008
CDD_MtrCurrK2_Amps_G_f32[0]	-21.9099998
CDD_MtrCurrK2_Amps_G_f32[1]	-23.5400009
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	132.619995
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	209.600006
CDD_MtrCurrQax_Amp_G_f32[0] CDD_MtrCurrQax_Amp_G_f32[1]	131.320007 208.639999
CDD_PWMDutyCycleASum_Cnt_G_u32[0]	166
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	168
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	2720
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	3600
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	190
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	192
CDD_PhaseAdvFinal_Cnt_G_u16[0]	5987
CDD_PhaseAdvFinal_Cnt_G_u16[1]	8649
CDD_RxMtrPos1ParityAccum_Cnt_G_u16[0]	5382
CDD_RxMtrPos1ParityAccum_Cnt_G_u16[1]	7714
CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[0]	5745
CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[1]	8275
CDD_SysCVSwitchADC_Cnt_G_u16[0]	2962
CDD_SysCVSwitchADC_Cnt_G_u16[1]	3974
CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[0]	4588
CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[1] CDD UncorrMechMtrPos1 Rev G u0p16[0]	5242
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0] CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	4588 5242
PXAccumPrev_Cnt_M_u32[0]	2962
PXAccumPrev_Cnt_M_u32[1]	3974
PXAccumPrev_Cnt_M_u32[2]	8914
Rte_Inst_Sa_CDDInterface	tgt_Rte_Inst_Sa_CDDInterface
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	185687
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	0
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	965874

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Name	Input Value		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr1_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr1_Volts	_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr2_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr2_Volts	tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32$	tgt_CDDInterface_Per1_CorrMtrCurrPosition	_Rev_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p		:	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CumMechMtrPos_Rev_f32	tgt_CDDInterface_Per1_CumMechMtrPos_R	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxError_Cnt_u16 tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_	tgt_CDDInterface_Per1_Die1RxError_Cnt_u- target_CDDInterface_Per1_Die1UnderVoltgF		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxMtrPos_Cnt_u16	tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxRevCtr_Cnt_u16	tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxError_Cnt_u16	tgt_CDDInterface_Per1_Die2RxError_Cnt_u		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxMtrPos_Cnt_u16	tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_	u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxRevCtr_Cnt_u16	tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_	<u>u</u> 16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeA_	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeB_	-	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32 tgt_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_LRPRPhaseadvanceCaptured_ tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32	tgt_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32 tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32		
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 MeasuredOnTimeC Cnt u32	tgt CDDInterface Per1 MeasuredOnTimeC		
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 MechMtrPos1TimeStamp USe		_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MechMtrPos2TimeStamp_USe			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ModIdxFinal_Uls_f32	tgt_CDDInterface_Per1_ModIdxFinal_Uls_f3	2	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrDax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrDax_Amp_f3	32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK1_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32	2	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK2_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32	2	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32	tgt_CDDInterface_Per1_MtrCurrQaxFinalRef		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrQax_Amp_f3		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCVSwitchADC_Cnt_u16 tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCorrectedElecMtrPos_Rev_	tgt_CDDInterface_Per1_SysCVSwitchADC_0 tgt_CDDInterface_Per1_SysCorrectedElecM	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_UncorrMechMtrPos1_Rev_u0p			
Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	1	1	- V
PXAccumPrev Cnt M u32[0]	23210	23210	•
PXAccumPrev_Cnt_M_u32[1]	0	0	~
PXAccumPrev_Cnt_M_u32[2]	120734	120734	~
target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	5745	5745	~
tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value	4.00637007	4.00637007 ± 0.0625	~
tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value	4.00637007	4.00637007 ± 0.0625	~
tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value	5503.1499	5503.1499	~
tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value	0.0599975586 3932	0.0599975586 3932	~
tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value	0.00129699707	3932	
tgt CDDInterface Per1 Die1RxError Cnt u16.value		0.00120600707 + 0.0625	J
		0.00129699707 ± 0.0625	*
tut CDDIIIteriace Ferr Die irktivitros Citt u 10. value	5261	5261	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value			~
tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value	5261 4777	5261 4777	*
tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value	5261 4777 5019	5261 4777 5019	~
tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value	5261 4777 5019 5140	5261 4777 5019 5140	· · · · · · · · · · · · · · · · · · ·
tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value	5261 4777 5019 5140 4656 4898 166	5261 4777 5019 5140 4656 4898 166	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value	5261 4777 5019 5140 4656 4898 166 2720	5261 4777 5019 5140 4656 4898 166 2720	***************************************
tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value	5261 4777 5019 5140 4656 4898 166 2720	5261 4777 5019 5140 4656 4898 166 2720	· · · · · · · · · · · · · · · · · · ·
tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_RPRPhaseadvanceCaptured_Cnt_s16.value	5261 4777 5019 5140 4656 4898 166 2720 190	5261 4777 5019 5140 4656 4898 166 2720 190 561	· · · · · · · · · · · · · · · · · · ·
tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_RPRPhaseadvanceCaptured_Cnt_s16.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value	5261 4777 5019 5140 4656 4898 166 2720 190 561	5261 4777 5019 5140 4656 4898 166 2720 190 561	· · · · · · · · · · · · · · · · · · ·
tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_RPRPhaseadvanceCaptured_Cnt_s16.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value	5261 4777 5019 5140 4656 4898 166 2720 190 561 20248 536866938	5261 4777 5019 5140 4656 4898 166 2720 190 561 20248 536866938	· · · · · · · · · · · · · · · · · · ·
tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_RPRPhaseadvanceCaptured_Cnt_s16.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value	5261 4777 5019 5140 4656 4898 166 2720 190 561 20248 536866938 111820	5261 4777 5019 5140 4656 4898 166 2720 190 561 20248 536866938 111820	· · · · · · · · · · · · · · · · · · ·
tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_RPRPhaseadvanceCaptured_Cnt_s16.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value	5261 4777 5019 5140 4656 4898 166 2720 190 561 20248 536866938	5261 4777 5019 5140 4656 4898 166 2720 190 561 20248 536866938	***************************************
tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value	5261 4777 5019 5140 4656 4898 166 2720 190 561 20248 536866938 111820 3083	5261 4777 5019 5140 4656 4898 166 2720 190 561 20248 536866938 111820 3083	> > > > > > > > > > > > > > > > > > >
tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value	5261 4777 5019 5140 4656 4898 166 2720 190 561 20248 536866938 111820 3083 5140	5261 4777 5019 5140 4656 4898 166 2720 190 561 20248 536866938 111820 3083 5140	> > > > > > > > > > > > > > > > > > >
tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_ModIdxFinal_UIs_f32.value	5261 4777 5019 5140 4656 4898 166 2720 190 561 20248 536866938 111820 3083 5140 0.16569519	5261 4777 5019 5140 4656 4898 166 2720 190 561 20248 536866938 111820 3083 5140 0.16569519 ± 0.0625	> > > > > > > > > > > > > > > > > > >
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tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MesuredOnTimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_ModldxFinal_UIs_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrCax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value	5261 4777 5019 5140 4656 4898 166 2720 190 561 20248 536866938 111820 3083 5140 0.16569519 -181.828003 46.4199982 -21.9099998 132.619995 131.320007	5261 4777 5019 5140 4656 4898 166 2720 190 561 20248 536866938 111820 3083 5140 0.16569519 ± 0.0625 -181.828003 46.4199982 -21.9099998 132.619995 131.320007	· · · · · · · · · · · · · · · · · · ·
tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MesuredOnTimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_McdldxFinal_UIs_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_FinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_FinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value	5261 4777 5019 5140 4656 4898 166 2720 190 561 20248 536866938 111820 3083 5140 0.16569519 -181.828003 46.4199982 -21.9099998 132.619995 131.320007 5382	5261 4777 5019 5140 4656 4898 166 2720 190 561 20248 536866938 111820 3083 5140 0.16569519 ± 0.0625 -181.828003 46.4199982 -21.9099998 132.619995 131.320007 5382	>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>
tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_RPRPhaseadvanceCaptured_Cnt_s16.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_McdIdxFinal_UIs_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_FinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_FinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_FinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_FinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_SysCVSwitchADC_Cnt_u16.value	5261 4777 5019 5140 4656 4898 166 2720 190 561 20248 536866938 111820 3083 5140 0.16569519 -181.828003 46.4199982 -21.9099998 132.619995 131.320007 5382	5261 4777 5019 5140 4656 4898 166 2720 190 561 20248 536866938 111820 3083 5140 0.16569519 ± 0.0625 -181.828003 46.4199982 -21.9099998 132.619995 131.320007 5382 2962	> > > > > > > > > > > > > > > > > > >
tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MesuredOnTimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_McdldxFinal_UIs_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_FinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_FinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value	5261 4777 5019 5140 4656 4898 166 2720 190 561 20248 536866938 111820 3083 5140 0.16569519 -181.828003 46.4199982 -21.9099998 132.619995 131.320007 5382	5261 4777 5019 5140 4656 4898 166 2720 190 561 20248 536866938 111820 3083 5140 0.16569519 ± 0.0625 -181.828003 46.4199982 -21.9099998 132.619995 131.320007 5382	> > > > > > > > > > > > > > > > > > >



Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
CDDPorts ClearPhsReasSum	1	CDDPorts ClearPhsReasSum	1	~

Test Step 2.9 (Repeat Count = 1)	Invest Makes
Name	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16 CDD_CorrMtrCurrPosition_Rev_G_f32[0]	5624.77979
CDD CorrMtrCurrPosition Rev G f32[1]	8088.8501
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	4587
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	5243
CDD_CumMechMtrPos_Rev_G_s15p16[0]	-98
CDD_CumMechMtrPos_Rev_G_s15p16[1]	-104
CDD_Die1RxError_Cnt_G_u16[0]	5382
CDD_Die1RxError_Cnt_G_u16[1]	7714
CDD_Die1RxMtrPos_Cnt_G_u16[0]	4898
CDD_Die1RxMtrPos_Cnt_G_u16[1]	6966
CDD_Die1RxRevCtr_Cnt_G_u16[0]	5140
CDD_Die1RxRevCtr_Cnt_G_u16[1]	7340
CDD_Die2RxError_Cnt_G_u16[0]	5261
CDD_Die2RxError_Cnt_G_u16[1]	7527
CDD_Die2RxMtrPos_Cnt_G_u16[0]	4777
CDD_Die2RxMtrPos_Cnt_G_u16[1]	6779
CDD_Die2RxRevCtr_Cnt_G_u16[0]	5019
CDD_Die2RxRevCtr_Cnt_G_u16[1] CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	7153 3204
CDD_MechMtrPos1TimeStamp_uSec_G_u32[t] CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	4348
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0] CDD_MechMtrPos2TimeStamp_uSec_G_u32[0]	5261
CDD MechMtrPos2TimeStamp_uSec_G_u32[1]	7527
CDD_ModIdxFinal_Uls_G_u16p16[0]	15204
CDD_ModIdxFinal_Uls_G_u16p16[1]	15210
CDD_MtrCurr1_Volts_G_f32[0]	0.00178359996
CDD_MtrCurr1_Volts_G_f32[1]	2.00178361
CDD_MtrCurr2_Volts_G_f32[0]	0.00178359996
CDD_MtrCurr2_Volts_G_f32[1]	1.00178361
CDD_MtrCurrDax_Amp_G_f32[0]	194.345001
CDD_MtrCurrDax_Amp_G_f32[1]	205.608002
CDD_MtrCurrK1_Amps_G_f32[0]	72.3700027
CDD_MtrCurrK1_Amps_G_f32[1]	88.3199997
CDD_MtrCurrK2_Amps_G_f32[0]	-22.6900005
CDD_MtrCurrK2_Amps_G_f32[1]	-24.7600002
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	133.919998
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	210.559998
CDD_MtrCurrQax_Amp_G_f32[0] CDD MtrCurrQax Amp G f32[1]	132.619995 209.600006
CDD_PWMDutyCycleASum_Cnt_G_u32[0]	174
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	176
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	2841
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	3787
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	2962
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	3974
CDD_PhaseAdvFinal_Cnt_G_u16[0]	6108
CDD_PhaseAdvFinal_Cnt_G_u16[1]	8836
CDD_RxMtrPos1ParityAccum_Cnt_G_u16[0]	4656
CDD_RxMtrPos1ParityAccum_Cnt_G_u16[1]	6592
CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[0]	5628
CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[1]	8097
CDD_SysCVSwitchADC_Cnt_G_u16[0]	3083
CDD_SysCVSwitchADC_Cnt_G_u16[1]	4161
CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[0]	0
CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[1]	5898
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	0
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	5898
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1]	3083 4161
PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2]	10139
Rte_Inst_Sa_CDDInterface	tgt_Rte_Inst_Sa_CDDInterface
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	256987
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	536870911
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	358476

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Name	Input Value		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr1_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr1_Volts	_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr2_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32	tgt_CDDInterface_Per1_CorrMtrCurrPosition	_Rev_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p		:	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CumMechMtrPos_Rev_f32	tgt_CDDInterface_Per1_CumMechMtrPos_R	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxError_Cnt_u16 tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_	tgt_CDDInterface_Per1_Die1RxError_Cnt_u′ target_CDDInterface_Per1_Die1UnderVoltgF		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxMtrPos_Cnt_u16	tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxRevCtr_Cnt_u16	tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxError_Cnt_u16	tgt_CDDInterface_Per1_Die2RxError_Cnt_u		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxMtrPos_Cnt_u16	tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_	u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxRevCtr_Cnt_u16	tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_	<u>u</u> 16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeA_	Cnt_u32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeB_	-	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32 tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_LRPRPhaseadvanceCaptured_	tgt_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32 tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32 tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32	tgt CDDInterface Per1 MeasuredOnTimeC		
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 MechMtrPos1TimeStamp USe		- -	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MechMtrPos2TimeStamp_USe			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ModIdxFinal_Uls_f32	tgt_CDDInterface_Per1_ModIdxFinal_Uls_f3:	· – –	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrDax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrDax_Amp_f3		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK1_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32	2	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK2_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32	2	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32	tgt_CDDInterface_Per1_MtrCurrQaxFinalRef	_Amp_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrQax_Amp_f3		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCVSwitchADC_Cnt_u16	tgt_CDDInterface_Per1_SysCVSwitchADC_0	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCorrectedElecMtrPos_Rev_	tgt_CDDInterface_Per1_SysCorrectedElecMi		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_UncorrMechMtrPos1_Rev_u0p	tgt_CDDInterface_Per1_UncorrMechMtrPos1 Actual Value	Expected Value	Result
Name CDD_CDDDataAccessBfr_Cnt_G_u16	0	0	Result
PXAccumPrev Cnt M u32[0]	32123	32123	~
PXAccumPrev_Cnt_M_u32[1]	67108863	67108863	
1 / V NOCALITE TO Y OTHER WOLLIS			
PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2]	44809	44809	~
			*
PXAccumPrev_Cnt_M_u32[2]	44809	44809	\rightarrow \frac{1}{\rightarrow \cdot \frac{1}{\rightarrow \cdot
PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	44809 8097	44809 8097	<i>y</i>
PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value	44809 8097 2.00178361 1.00178361 8088.8501	44809 8097 2.00178361 ± 0.0625 1.00178361 ± 0.0625 8088.8501	· · ·
PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value	44809 8097 2.00178361 1.00178361 8088.8501 0.0800018311	44809 8097 2.00178361 ± 0.0625 1.00178361 ± 0.0625 8088.8501 0.0800018311	***
PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value	44809 8097 2.00178361 1.00178361 8088.8501 0.0800018311 5243	44809 8097 2.00178361 ± 0.0625 1.00178361 ± 0.0625 8088.8501 0.0800018311 5243	· · ·
PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CurrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value	44809 8097 2.00178361 1.00178361 8088.8501 0.0800018311 5243 -0.00158691406	44809 8097 2.00178361 ± 0.0625 1.00178361 ± 0.0625 8088.8501 0.0800018311 5243 -0.00160217285 ± 0.0625	***
PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value	44809 8097 2.00178361 1.00178361 8088.8501 0.0800018311 5243 -0.00158691406 7714	44809 8097 2.00178361 ± 0.0625 1.00178361 ± 0.0625 8088.8501 0.0800018311 5243 -0.00160217285 ± 0.0625 7714	· · · · · · · · · · · · · · · · · · ·
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PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value	44809 8097 2.00178361 1.00178361 8088.8501 0.0800018311 5243 -0.00158691406 7714 6966 7340 7527 6779 7153 176 3787	44809 8097 2.00178361 ± 0.0625 1.00178361 ± 0.0625 8088.8501 0.0800018311 5243 -0.00160217285 ± 0.0625 7714 6966 7340 7527 6779 7153 176 3787 3974	***************************************
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PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MtrCurrR2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrR2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrR2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value	44809 8097 2.00178361 1.00178361 8088.8501 0.0800018311 5243 -0.00158691406 7714 6966 7340 7527 6779 7153 176 3787 3974 828 29040 67104702 34670 4348 7527 0.232086182 205.608002 88.319997 -24.7600002 210.559998 209.600006 6592	44809 8097 2.00178361 ± 0.0625 1.00178361 ± 0.0625 8088.8501 0.0800018311 5243 -0.00160217285 ± 0.0625 7714 6966 7340 7527 6779 7153 176 3787 3974 828 29040 67104702 34670 4348 7527 0.23210144 ± 0.0625 205.608002 88.3199997 -24.7600002 210.559998 209.600006 6592	> > > > > > > > > > > > > > > > > > >
PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_g32.value tgt_CDDInterface_Per1_CurrMechMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrR1_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrR2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrR2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_FinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value	44809 8097 2.00178361 1.00178361 8088.8501 0.0800018311 5243 -0.00158691406 7714 6966 7340 7527 6779 7153 176 3787 3974 828 29040 67104702 34670 4348 7527 0.232086182 205.608002 88.319997 -24.7600002 210.559998 209.600006 6592 4161	44809 8097 2.00178361 ± 0.0625 1.00178361 ± 0.0625 8088.8501 0.0800018311 5243 -0.00160217285 ± 0.0625 7714 6966 7340 7527 6779 7153 176 3787 3974 828 29040 67104702 34670 4348 7527 0.23210144 ± 0.0625 205.608002 88.3199997 -24.7600002 210.559998 209.600006 6592 4161	· · · · · · · · · · · · · · · · · · ·
PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MtrCurrR2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrR2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrR2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value	44809 8097 2.00178361 1.00178361 8088.8501 0.0800018311 5243 -0.00158691406 7714 6966 7340 7527 6779 7153 176 3787 3974 828 29040 67104702 34670 4348 7527 0.232086182 205.608002 88.319997 -24.7600002 210.559998 209.600006 6592	44809 8097 2.00178361 ± 0.0625 1.00178361 ± 0.0625 8088.8501 0.0800018311 5243 -0.00160217285 ± 0.0625 7714 6966 7340 7527 6779 7153 176 3787 3974 828 29040 67104702 34670 4348 7527 0.23210144 ± 0.0625 205.608002 88.3199997 -24.7600002 210.559998 209.600006 6592	· · · · · · · · · · · · · · · · · · ·





Test Step Call Trace			V	
Actual Function	Count	Expected Function	Count	Result
CDDPorts_ClearPhsReasSum	1	CDDPorts_ClearPhsReasSum	1	~

Test Step 2.10 (Repeat Count = 1)	
Name	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16	1
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	4656.77979
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	6592.50977
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	0
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	5898
CDD_CumMechMtrPos_Rev_G_s15p16[0]	308
CDD_CumMechMtrPos_Rev_G_s15p16[1]	314
CDD_Die1RxError_Cnt_G_u16[0]	5503
CDD_Die1RxError_Cnt_G_u16[1] CDD_Die1RxMtrPos_Cnt_G_u16[0]	7901 5019
CDD_Die1RxMtrPos_Cft_G_u16[0] CDD_Die1RxMtrPos_Cft_G_u16[1]	7153
CDD_Die1RxRevCtr_Cnt_G_u16[0]	5261
CDD_Die1RxRevCtr_Cnt_G_u16[1]	7527
CDD_Die2RxError_Cnt_G_u16[0]	5382
CDD_Die2RxError_Cnt_G_u16[1]	7714
CDD_Die2RxMtrPos_Cnt_G_u16[0]	4898
CDD_Die2RxMtrPos_Cnt_G_u16[1]	6966
CDD_Die2RxRevCtr_Cnt_G_u16[0]	5140
CDD_Die2RxRevCtr_Cnt_G_u16[1]	7340
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	3325
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	4535
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0]	5382
CDD_MechMtrPos2TimeStamp_uSec_G_u32[1]	7714
CDD_ModIdxFinal_Uls_G_u16p16[0]	12170
CDD_ModldxFinal_Uls_G_u16p16[1]	12838
CDD_MtrCurr1_Volts_G_f32[0]	1.00203836
CDD_MtrCurr1_Volts_G_f32[1]	2.00203848
CDD_MtrCurr2_Volts_G_f32[0]	1.00203836
CDD_MtrCurr2_Volts_G_f32[1]	2.00203848
CDD_MtrCurrDax_Amp_G_f32[0]	120.710999
CDD_MtrCurrDax_Amp_G_f32[1]	130.934006
CDD_MtrCurrK1_Amps_G_f32[0]	-35.7999992
CDD_MtrCurrK1_Amps_G_f32[1]	30.6900005 25.9799995
CDD_MtrCurrK2_Amps_G_f32[0] CDD_MtrCurrK2_Amps_G_f32[1]	23.4699993
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	135.220001
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	211.520004
CDD_MtrCurrQax_Amp_G_f32[0]	133.91998
CDD_MtrCurrQax_Amp_G_f32[1]	210.559998
CDD_PWMDutyCycleASum_Cnt_G_u32[0]	182
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	184
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	190
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	192
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	3083
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	4161
CDD_PhaseAdvFinal_Cnt_G_u16[0]	6229
CDD_PhaseAdvFinal_Cnt_G_u16[1]	9023
CDD_RxMtrPos1ParityAccum_Cnt_G_u16[0]	4777
CDD_RxMtrPos1ParityAccum_Cnt_G_u16[1]	6779
CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[0]	2599
CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[1]	3413
CDD_SysCVSwitchADC_Cnt_G_u16[0]	3204
CDD_SysCVSwitchADC_Cnt_G_u16[1]	4348
CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[0]	5898
CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[1]	6554
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	5898
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	6554
PXAccumPrev_Cnt_M_u32[0]	3204
PXAccumPrev_Cnt_M_u32[1]	4348
PXAccumPrev_Cnt_M_u32[2]	11364
Rte_Inst_Sa_CDDInterface	tgt_Rte_Inst_Sa_CDDInterface
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	247863
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	5248635 258746
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	200740

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Name	Input Value		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr1_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr1_Volts	_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr2_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr2_Volts	_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32	tgt_CDDInterface_Per1_CorrMtrCurrPosition	_Rev_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CumMechMtrPos_Rev_f32	tgt_CDDInterface_Per1_CumMechMtrPos_R	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxError_Cnt_u16 tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_	tgt_CDDInterface_Per1_Die1RxError_Cnt_u′ target_CDDInterface_Per1_Die1UnderVoltgF		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxMtrPos_Cnt_u16	tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxRevCtr_Cnt_u16	tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxError_Cnt_u16	tgt_CDDInterface_Per1_Die2RxError_Cnt_u^		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxMtrPos_Cnt_u16	tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_	u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxRevCtr_Cnt_u16	tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_	<u>u</u> 16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeA_	Cnt_u32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeB_	Cnt_u32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeC_	-	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_LRPRPhaseadvanceCaptured_	tgt_CDDInterface_Per1_LRPRPhaseadvance		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32 tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeA_	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeB_ tgt_CDDInterface_Per1_MeasuredOnTimeC		
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 MechMtrPos1TimeStamp USe		- -	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MechMtrPos2TimeStamp_USe			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ModIdxFinal_UIs_f32	tgt_CDDInterface_Per1_ModIdxFinal_Uls_f3:		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrDax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrDax_Amp_f3		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK1_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK2_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32	2	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32$	tgt_CDDInterface_Per1_MtrCurrQaxFinalRef	_Amp_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrQax_Amp_f3	32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u	tgt_CDDInterface_Per1_RxMtrPos1ParityAcc	cum_Cnt_u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCVSwitchADC_Cnt_u16	tgt_CDDInterface_Per1_SysCVSwitchADC_0	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCorrectedElecMtrPos_Rev_	tgt_CDDInterface_Per1_SysCorrectedElecMi		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_UncorrMechMtrPos1_Rev_u0p	tgt_CDDInterface_Per1_UncorrMechMtrPos1		D14
Name	Actual Value	Expected Value	Result
CDD CDDData Assass Pfr Cat C 1116		10	
CDD_CDDDataAccessBfr_Cnt_G_u16	3,082	30082	✓
PXAccumPrev_Cnt_M_u32[0]	30982	30982	~
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1]			
PXAccumPrev_Cnt_M_u32[0]	30982 656079	30982 656079	~
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2]	30982 656079 32343	30982 656079 32343	~
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	30982 656079 32343 3413	30982 656079 32343 3413	\rightarrow \frac{1}{\rightarrow \frac{1}{\rightarr
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value	30982 656079 32343 3413 2.00203848	30982 656079 32343 3413 2.00203848 ± 0.0625 2.00203848 ± 0.0625 6592.50977	· · · · · · · · · · · · · · · · · · ·
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value	30982 656079 32343 3413 2.00203848 2.00203848 6592.50977 0.0899963379	30982 656079 32343 3413 2.00203848 ± 0.0625 2.00203848 ± 0.0625 6592.50977 0.0899963379	· · · · · · · · · · · · · · · · · · ·
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value	30982 656079 32343 3413 2.00203848 2.00203848 6592.50977 0.0899963379 5898	30982 656079 32343 3413 2.00203848 ± 0.0625 2.00203848 ± 0.0625 6592.50977 0.0899963379 5898	· · · · · · · · · · · · · · · · · · ·
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PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MetCurrNax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrNax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrNax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrNax_Amp_f32.value	30982 656079 32343 3413 2.00203848 2.00203848 6592.50977 0.0899963379 5898 0.00479125977 7901 7153 7527 7714 6966 7340 184 192 4161 845 27778 651731 20979 4535 7714 0.195892334 130.934006 30.6900005 23.4699993 211.520004	30982 656079 32343 3413 2.00203848 ± 0.0625 2.00203848 ± 0.0625 6592.50977 0.0899963379 5898 0.00480651855 ± 0.0625 7901 7153 7527 7714 6966 7340 184 192 4161 845 27778 651731 20979 4535 7714 0.195907593 ± 0.0625 130.934006 30.6900005 23.4699993 211.520004	· · · · · · · · · · · · · · · · · · ·
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeS_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeS_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MrCurrK1_Amp_f32.value tgt_CDDInterface_Per1_MrCurrK2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_FinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_FinalRef_Amp_f32.value	30982 656079 32343 3413 2.00203848 2.00203848 6592.50977 0.0899963379 5898 0.00479125977 7901 7153 7527 7714 6966 7340 184 192 4161 845 27778 651731 20979 4535 7714 0.195892334 130.934006 30.6900005 23.4699993 211.520004 210.559998 6779 4348	30982 656079 32343 3413 2.00203848 ± 0.0625 2.00203848 ± 0.0625 6592.50977 0.0899963379 5898 0.00480651855 ± 0.0625 7901 7153 7527 7714 6966 7340 184 192 4161 845 27778 651731 20979 4535 7714 0.195907593 ± 0.0625 130.934006 30.6900005 23.4699993 211.520004 210.559998 6779 4348	· · · · · · · · · · · · · · · · · · ·
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CurrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Ont_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeStamp_USec_u32.value tgt_CDDInterface_Per1_MeoldxFinal_Uls_f32.value tgt_CDDInterface_Per1_MeoldxFinal_Uls_f32.value tgt_CDDInterface_Per1_ModldxFinal_Uls_f32.value tgt_CDDInterface_Per1_MrcurrDax_Amp_f32.value tgt_CDDInterface_Per1_MrcurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value	30982 656079 32343 3413 2.00203848 2.00203848 6592.50977 0.0899963379 5898 0.00479125977 7901 7153 7527 7714 6966 7340 184 192 4161 845 27778 651731 20979 4535 7714 0.195892334 130.934006 30.6900005 23.4699993 211.520004 210.559998 6779	30982 656079 32343 3413 2.00203848 ± 0.0625 2.00203848 ± 0.0625 6592.50977 0.0899963379 5898 0.00480651855 ± 0.0625 7901 7153 7527 7714 6966 7340 184 192 4161 845 27778 651731 20979 4535 7714 0.195907593 ± 0.0625 130.934006 30.6900005 23.4699993 211.520004 210.559998 6779	· · · · · · · · · · · · · · · · · · ·





Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
CDDPorts_ClearPhsReasSum	1	CDDPorts_ClearPhsReasSum	1	~

Test Step 2.11 (Repeat Count = 1)	✓
Name	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16	0
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	4777.8501
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	6779.58008
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	5898
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	6553 -321
CDD_CumMechMtrPos_Rev_G_s15p16[0] CDD_CumMechMtrPos_Rev_G_s15p16[1]	-327
CDD_Die1RxError_Cnt_G_u16[0]	5624
CDD Die1RxError Cnt G u16[1]	8088
CDD_Die1RxMtrPos_Cnt_G_u16[0]	5140
CDD_Die1RxMtrPos_Cnt_G_u16[1]	7340
CDD_Die1RxRevCtr_Cnt_G_u16[0]	5382
CDD_Die1RxRevCtr_Cnt_G_u16[1]	7714
CDD_Die2RxError_Cnt_G_u16[0]	5503
CDD_Die2RxError_Cnt_G_u16[1]	7901
CDD_Die2RxMtrPos_Cnt_G_u16[0]	5019
CDD_Die2RxMtrPos_Cnt_G_u16[1]	7153
CDD_Die2RxRevCtr_Cnt_G_u16[0]	5261
CDD_Die2RxRevCtr_Cnt_G_u16[1] CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	7527 3446
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	4722
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0]	5503
CDD_MechMtrPos2TimeStamp_uSec_G_u32[1]	7901
CDD_ModIdxFinal_Uls_G_u16p16[0]	47972
CDD_ModldxFinal_Uls_G_u16p16[1]	54539
CDD_MtrCurr1_Volts_G_f32[0]	2.00229311
CDD_MtrCurr1_Volts_G_f32[1]	1.00229323
CDD_MtrCurr2_Volts_G_f32[0]	2.00229311
CDD_MtrCurr2_Volts_G_f32[1]	1.00229323
CDD_MtrCurrDax_Amp_G_f32[0]	144.751007
CDD_MtrCurrDax_Amp_G_f32[1]	155.233994
CDD_MtrCurrK1_Amps_G_f32[0] CDD_MtrCurrK1_Amps_G_f32[1]	-78.0100021 67.4800034
CDD_MtrCurrK1_Amps_G_f32[1] CDD_MtrCurrK2_Amps_G_f32[0]	27.200008
CDD_MtrCurrK2_Amps_G_f32[1]	24.25
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	136.520004
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	212.479996
CDD_MtrCurrQax_Amp_G_f32[0]	135.220001
CDD_MtrCurrQax_Amp_G_f32[1]	211.520004
CDD_PWMDutyCycleASum_Cnt_G_u32[0]	190
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	192
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	100
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	150
CDD_PWMDutyCycleCSum_Cnt_G_u32[0] CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	3204
CDD_PhaseAdvFinal_Cnt_G_u16[0]	4348 6350
CDD_PhaseAdvFinal_Cnt_G_u16[1]	9210
CDD RxMtrPos1ParityAccum Cnt G u16[0]	4898
CDD RxMtrPos1ParityAccum Cnt G u16[1]	6966
CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[0]	2720
CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[1]	3600
CDD_SysCVSwitchADC_Cnt_G_u16[0]	3325
CDD_SysCVSwitchADC_Cnt_G_u16[1]	4535
CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[0]	6554
CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[1]	7208
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	6554
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	7208
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1]	3325 4535
PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2]	12589
Rte_Inst_Sa_CDDInterface	tgt_Rte_Inst_Sa_CDDInterface
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	685746
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	147856
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	0

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Name	Input Value		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr1_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr1_Volts	_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr2_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr2_Volts	_f32	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32$	tgt_CDDInterface_Per1_CorrMtrCurrPosition	_Rev_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CumMechMtrPos_Rev_f32	tgt_CDDInterface_Per1_CumMechMtrPos_R	-	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxError_Cnt_u16 tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_	tgt_CDDInterface_Per1_Die1RxError_Cnt_u target_CDDInterface_Per1_Die1UnderVoltgF		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxMtrPos_Cnt_u16	tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_		
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 Die1RxRevCtr Cnt u16	tgt CDDInterface Per1 Die1RxRevCtr Cnt		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxError_Cnt_u16	tgt_CDDInterface_Per1_Die2RxError_Cnt_u		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxMtrPos_Cnt_u16	tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_	_u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxRevCtr_Cnt_u16	tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_	<u>u</u> 16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeA_	Cnt_u32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeB_	-	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeC_	-	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_LRPRPhaseadvanceCaptured_	tgt_CDDInterface_Per1_LRPRPhaseadvance		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32 tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeA_ tgt_CDDInterface_Per1_MeasuredOnTimeB	_	
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 MeasuredOnTimeC Cnt u32	tgt_CDDInterface_Per1_MeasuredOnTimeC		
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 MechMtrPos1TimeStamp USe			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MechMtrPos2TimeStamp_USe			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ModIdxFinal_Uls_f32	tgt_CDDInterface_Per1_ModIdxFinal_Uls_f3.		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrDax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrDax_Amp_f3		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK1_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32	2	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK2_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32	2	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32	tgt_CDDInterface_Per1_MtrCurrQaxFinalRef	_Amp_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrQax_Amp_f3		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCVSwitchADC_Cnt_u16	tgt_CDDInterface_Per1_SysCVSwitchADC_0	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCorrectedElecMtrPos_Rev_	tgt_CDDInterface_Per1_SysCorrectedElecM		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_UncorrMechMtrPos1_Rev_u0p Name	tgt_CDDInterface_Per1_UncorrMechMtrPos1 Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	1	1	Kesuit
PXAccumPrev Cnt M u32[0]	85718	85718	V
PXAccumPrev_Cnt_M_u32[1]	18482	18482	~
PXAccumPrev_Cnt_M_u32[2]	0	0	✓
target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	2720	2720	~
tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value	2.00229311	2.00229311 ± 0.0625	~
tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value	2.00229311	2.00229311 ± 0.0625	~
tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value	4777.8501	4777.8501	~
tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value	0.0899963379	0.0899963379	✓ ✓
tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value	5898 -0.00489807129	5898 -0.00489807129 ± 0.0625	
tgt CDDInterface Per1 Die1RxError Cnt u16.value	-0.00403007123		
tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value	5624		~
<u> </u>	5624 5140	5624	~
tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value	5624 5140 5382		· · ·
tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value	5140	5624 5140	· · · · · · · · · · · · · · · · · · ·
	5140 5382	5624 5140 5382	***
tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value	5140 5382 5503	5624 5140 5382 5503	· · ·
tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value	5140 5382 5503 5019 5261 190	5624 5140 5382 5503 5019 5261 190	· ·
tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value	5140 5382 5503 5019 5261 190	5624 5140 5382 5503 5019 5261 190	· · · · · · · · · · · · · · · · · · ·
tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value	5140 5382 5503 5019 5261 190 100 3204	5624 5140 5382 5503 5019 5261 190 100 3204	· · · · · · · · · · · · · · · · · · ·
tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value	5140 5382 5503 5019 5261 190 100 3204 595	5624 5140 5382 5503 5019 5261 190 100 3204 595	***************************************
tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_RPRPhaseadvanceCaptured_Cnt_s16.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value	5140 5382 5503 5019 5261 190 100 3204 595 82393	5624 5140 5382 5503 5019 5261 190 100 3204 595 82393	· · · · · · · · · · · · · · · · · · ·
tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_RPRPhaseadvanceCaptured_Cnt_s16.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value	5140 5382 5503 5019 5261 190 100 3204 595 82393 13947	5624 5140 5382 5503 5019 5261 190 100 3204 595 82393 13947	***************************************
tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value	5140 5382 5503 5019 5261 190 100 3204 595 82393 13947 536858323	5624 5140 5382 5503 5019 5261 190 100 3204 595 82393 13947 536858323	· · · · · · · · · · · · · · · · · · ·
tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_RPRPhaseadvanceCaptured_Cnt_s16.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value	5140 5382 5503 5019 5261 190 100 3204 595 82393 13947	5624 5140 5382 5503 5019 5261 190 100 3204 595 82393 13947	***************************************
tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_RPRPhaseadvanceCaptured_Cnt_s16.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value	5140 5382 5503 5019 5261 190 100 3204 595 82393 13947 536858323 3446	5624 5140 5382 5503 5019 5261 190 100 3204 595 82393 13947 536858323 3446	***************************************
tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_RPRPhaseadvanceCaptured_Cnt_s16.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value	5140 5382 5503 5019 5261 190 100 3204 595 82393 13947 536858323 3446 5503	5624 5140 5382 5503 5019 5261 190 100 3204 595 82393 13947 536858323 3446 5503	***************************************
tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_RPRPhaseadvanceCaptured_Cnt_s16.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_ModIdxFinal_UIs_f32.value	5140 5382 5503 5019 5261 190 100 3204 595 82393 13947 536858323 3446 5503 0.731994629	5624 5140 5382 5503 5019 5261 190 100 3204 595 82393 13947 536858323 3446 5503 0.731994629 ± 0.0625	***************************************
tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_ModldxFinal_Uls_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value	5140 5382 5503 5019 5261 190 100 3204 595 82393 13947 536858323 3446 5503 0.731994629 144.751007 -78.0100021 27.2000008	5624 5140 5382 5503 5019 5261 190 100 3204 595 82393 13947 536858323 3446 5503 0.731994629 ± 0.0625 144.751007 -78.0100021 27.2000008	***************************************
tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_ModldxFinal_UIs_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value	5140 5382 5503 5019 5261 190 100 3204 595 82393 13947 536858323 3446 5503 0.731994629 144.751007 -78.0100021 27.2000008 136.520004	5624 5140 5382 5503 5019 5261 190 100 3204 595 82393 13947 536858323 3446 5503 0.731994629 ± 0.0625 144.751007 -78.0100021 27.2000008 136.520004	***************************************
tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MedldxFinal_UIs_f32.value tgt_CDDInterface_Per1_ModldxFinal_UIs_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value	5140 5382 5503 5019 5261 190 100 3204 595 82393 13947 536858323 3446 5503 0.731994629 144.751007 -78.0100021 27.200008 136.520004 135.220001	5624 5140 5382 5503 5019 5261 190 100 3204 595 82393 13947 536858323 3446 5503 0.731994629 ± 0.0625 144.751007 -78.0100021 27.2000008 136.520004 135.220001	***************************************
tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MedldxFinal_UIs_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_FinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_FinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value	5140 5382 5503 5019 5261 190 100 3204 595 82393 13947 536858323 3446 5503 0.731994629 144.751007 -78.0100021 27.200008 136.520004 135.220001 4898	5624 5140 5382 5503 5019 5261 190 100 3204 595 82393 13947 536858323 3446 5503 0.731994629 ± 0.0625 144.751007 -78.0100021 27.200008 136.520004 135.220001 4898	***************************************
tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MedldxFinal_UIs_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_SysCVSwitchADC_Cnt_u16.value	5140 5382 5503 5019 5261 190 100 3204 595 82393 13947 536858323 3446 5503 0.731994629 144.751007 -78.0100021 27.200008 136.520004 135.220001 4898 3325	5624 5140 5382 5503 5019 5261 190 100 3204 595 82393 13947 536858323 3446 5503 0.731994629 ± 0.0625 144.751007 -78.0100021 27.200008 136.520004 135.220001 4898 3325	***************************************
tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MedldxFinal_UIs_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_FinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_FinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value	5140 5382 5503 5019 5261 190 100 3204 595 82393 13947 536858323 3446 5503 0.731994629 144.751007 -78.0100021 27.200008 136.520004 135.220001 4898	5624 5140 5382 5503 5019 5261 190 100 3204 595 82393 13947 536858323 3446 5503 0.731994629 ± 0.0625 144.751007 -78.0100021 27.200008 136.520004 135.220001 4898	***************************************





Test Step Call Trace			V	
Actual Function	Count	Expected Function	Count	Result
CDDPorts_ClearPhsReasSum	1	CDDPorts_ClearPhsReasSum	1	~

Test Step 2.12 (Repeat Count = 1)	✓
Name	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16	1
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	4898.12012
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	6966.58008
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	6553
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	7209
CDD_CumMechMtrPos_Rev_G_s15p16[0]	334
CDD_CumMechMtrPos_Rev_G_s15p16[1]	340
CDD_Die1RxError_Cnt_G_u16[0] CDD_Die1RxError_Cnt_G_u16[1]	5745 8275
CDD_Die1RxXError_Cnt_G_u16[0] CDD_Die1RxMtrPos_Cnt_G_u16[0]	5261
CDD_Die1RxMtrPos_Cnt_G_u16[1]	7527
CDD_Die1RxRevCtr_Cnt_G_u16[0]	5503
CDD_Die1RxRevCtr_Cnt_G_u16[1]	7901
CDD_Die2RxError_Cnt_G_u16[0]	5624
CDD_Die2RxError_Cnt_G_u16[1]	8088
CDD_Die2RxMtrPos_Cnt_G_u16[0]	5140
CDD_Die2RxMtrPos_Cnt_G_u16[1]	7340
CDD_Die2RxRevCtr_Cnt_G_u16[0]	5382
CDD_Die2RxRevCtr_Cnt_G_u16[1]	7714
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	3567
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	4909
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0]	5624
CDD_MechMtrPos2TimeStamp_uSec_G_u32[1]	8088 59768
CDD_ModldxFinal_Uls_G_u16p16[0] CDD_ModldxFinal_Uls_G_u16p16[1]	61099
CDD MtrCurr1 Volts G f32[0]	2.00254798
CDD_MtrCurr1_Volts_G_f32[1]	1.00254798
CDD_MtrCurr2_Volts_G_f32[0]	1.00254798
CDD_MtrCurr2_Volts_G_f32[1]	2.00254798
CDD_MtrCurrDax_Amp_G_f32[0]	-168.791
CDD_MtrCurrDax_Amp_G_f32[1]	-159.533997
CDD_MtrCurrK1_Amps_G_f32[0]	10.2299995
CDD_MtrCurrK1_Amps_G_f32[1]	20.5599995
CDD_MtrCurrK2_Amps_G_f32[0]	28.4200001
CDD_MtrCurrK2_Amps_G_f32[1]	25.0300007
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	137.820007
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	213.440002
CDD_MtrCurrQax_Amp_G_f32[0] CDD_MtrCurrQay_Amp_G_f32[1]	136.520004 212.479996
CDD_MtrCurrQax_Amp_G_f32[1] CDD PWMDutyCycleASum Cnt G u32[0]	198
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	200
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	126
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	156
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	3325
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	4535
CDD_PhaseAdvFinal_Cnt_G_u16[0]	214
CDD_PhaseAdvFinal_Cnt_G_u16[1]	312
CDD_RxMtrPos1ParityAccum_Cnt_G_u16[0]	5019
CDD_RxMtrPos1ParityAccum_Cnt_G_u16[1]	7153
CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[0]	2720
CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[1]	3600
CDD_SysCVSwitchADC_Cnt_G_u16[0]	3446
CDD_SysCVSwitchADC_Cnt_G_u16[1] CDD_SysCorrectedEleaAttrDes_Box_C_u0e16[0]	4722
CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[0] CDD SysCorrectedElecMtrPos Rev G u0p16[1]	0 7864
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	0
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	7864
PXAccumPrev_Cnt_M_u32[0]	3446
PXAccumPrev_Cnt_M_u32[1]	4722
PXAccumPrev_Cnt_M_u32[2]	13814
Rte_Inst_Sa_CDDInterface	tgt_Rte_Inst_Sa_CDDInterface
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	756887
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	1258465
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	536870911

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Name	Input Value		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr1_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr1_Volts	_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr2_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_	_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32	tgt_CDDInterface_Per1_CorrMtrCurrPosition_	_Rev_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CumMechMtrPos_Rev_f32	tgt_CDDInterface_Per1_CumMechMtrPos_R	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxError_Cnt_u16 tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_	tgt_CDDInterface_Per1_Die1RxError_Cnt_u1 target_CDDInterface_Per1_Die1UnderVoltgF		
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 Die1RxMtrPos Cnt u16	tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxRevCtr_Cnt_u16	tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxError_Cnt_u16	tgt_CDDInterface_Per1_Die2RxError_Cnt_u1		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxMtrPos_Cnt_u16	tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_	u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxRevCtr_Cnt_u16	tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_	<u>u</u> 16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeA_	Cnt_u32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeB_	-	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeC_	-	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_LRPRPhaseadvanceCaptured_ tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32	tgt_CDDInterface_Per1_LRPRPhaseadvance tgt_CDDInterface_Per1_MeasuredOnTimeA_		
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 MeasuredOnTimeB Cnt u32	tgt CDDInterface Per1 MeasuredOnTimeB	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeC_	-	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MechMtrPos1TimeStamp_USe			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MechMtrPos2TimeStamp_USe	tgt_CDDInterface_Per1_MechMtrPos2TimeS	tamp_USec_u32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ModIdxFinal_Uls_f32	tgt_CDDInterface_Per1_ModIdxFinal_Uls_f32	2	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrDax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrDax_Amp_f3	32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK1_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK2_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32	tgt_CDDInterface_Per1_MtrCurrQaxFinalRef		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrQax_Amp_f3		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCVSwitchADC_Cnt_u16	tgt_CDDInterface_Per1_RxMtrPos1ParityAcc tgt_CDDInterface_Per1_SysCVSwitchADC_0		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCorrectedElecMtrPos_Rev_	tgt_CDDInterface_Per1_SysCorrectedElecMt	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_UncorrMechMtrPos1_Rev_u0p			
	tgt CDDinterface Peri Uncommechivitros i	Rev uupio	
Name	tgt_CDDInterface_Per1_UncorrMechMtrPos1 Actual Value	Expected Value	Result
			Result
Name	Actual Value	Expected Value	Result
Name CDD_CDDDataAccessBfr_Cnt_G_u16	Actual Value	Expected Value	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
Name CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2]	Actual Value 0 94610 157308 67108863	Expected Value 0 94610 157308 67108863	·
Name CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	Actual Value 0 94610 157308 67108863 3600	Expected Value 0 94610 157308 67108863 3600	*
Name CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value	Actual Value 0 94610 157308 67108863 3600 1.00254798	Expected Value 0 94610 157308 67108863 3600 1.00254798 ± 0.0625	***
Name CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value	Actual Value 0 94610 157308 67108863 3600 1.00254798 2.00254798	Expected Value 0 94610 157308 67108863 3600 1.00254798 ± 0.0625 2.00254798 ± 0.0625	· · · · · · · · · · · · · · · · · · ·
Name CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value	Actual Value 0 94610 157308 67108863 3600 1.00254798 2.00254798 6966.58008	Expected Value 0 94610 157308 67108863 3600 1.00254798 ± 0.0625 2.00254798 ± 0.0625 6966.58008	***
Name CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value	Actual Value 0 94610 157308 67108863 3600 1.00254798 2.00254798	Expected Value 0 94610 157308 67108863 3600 1.00254798 ± 0.0625 2.00254798 ± 0.0625	· · · · · · · · · · · · · · · · · · ·
Name CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value	Actual Value 0 94610 157308 67108863 3600 1.00254798 2.00254798 6966.58008 0.11000061	Expected Value 0 94610 157308 67108863 3600 1.00254798 ± 0.0625 2.00254798 ± 0.0625 6966.58008 0.11000061	***************************************
Name CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value	Actual Value 0 94610 157308 67108863 3600 1.00254798 2.00254798 6966.58008 0.11000061 7209	Expected Value 0 94610 157308 67108863 3600 1.00254798 ± 0.0625 2.00254798 ± 0.0625 6966.58008 0.11000061 7209	· · · · · · · · · · · · · · · · · · ·
Name CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CurmMechMtrPos_Rev_f32.value	Actual Value 0 94610 157308 67108863 3600 1.00254798 2.00254798 6966.58008 0.11000061 7209 0.00518798828	Expected Value 0 94610 157308 67108863 3600 1.00254798 ± 0.0625 2.00254798 ± 0.0625 6966.58008 0.11000061 7209 0.00520324707 ± 0.0625	***************************************
Name CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosRev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value	Actual Value 0 94610 157308 67108863 3600 1.00254798 2.00254798 6966.58008 0.11000061 7209 0.00518798828 8275	Expected Value 0 94610 157308 67108863 3600 1.00254798 ± 0.0625 2.00254798 ± 0.0625 6966.58008 0.11000061 7209 0.00520324707 ± 0.0625 8275	· · · · · · · · · · · · · · · · · · ·
Name CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value	Actual Value 0 94610 157308 67108863 3600 1.00254798 2.00254798 6966.58008 0.11000061 7209 0.00518798828 8275 7527 7901 8088	Expected Value 0 94610 157308 67108863 3600 1.00254798 ± 0.0625 2.00254798 ± 0.0625 6966.58008 0.11000061 7209 0.00520324707 ± 0.0625 8275 7527 7901 8088	***************************************
Name CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value	Actual Value 0 94610 157308 67108863 3600 1.00254798 2.00254798 6966.58008 0.11000061 7209 0.00518798828 8275 7527 7901 8088 7340	Expected Value 0 94610 157308 67108863 3600 1.00254798 ± 0.0625 2.00254798 ± 0.0625 6966.58008 0.11000061 7209 0.00520324707 ± 0.0625 8275 7527 7901 8088 7340	***************************************
Name CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value	Actual Value 0 94610 157308 67108863 3600 1.00254798 2.00254798 6966.58008 0.11000061 7209 0.00518798828 8275 7527 7901 8088 7340 7714	Expected Value 0 94610 157308 67108863 3600 1.00254798 ± 0.0625 2.00254798 ± 0.0625 6966.58008 0.11000061 7209 0.00520324707 ± 0.0625 8275 7527 7901 8088 7340 7714	***************************************
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Name CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CurmMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MrcCurrR2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrR2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrR2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrR2_Amp_f32.value	Actual Value 0 94610 157308 67108863 3600 1.00254798 2.00254798 6966.58008 0.11000061 7209 0.00518798828 8275 7527 7901 8088 7340 7714 200 156 4535 29 91164 152586 67095049 4909 8088 0.932296753 -159.533997 20.5599995	Expected Value 0 94610 157308 67108863 3600 1.00254798 ± 0.0625 2.00254798 ± 0.0625 6966.58008 0.11000061 7209 0.00520324707 ± 0.0625 8275 7527 7901 8088 7340 7714 200 156 4535 29 91164 152586 67095049 4909 8088 0.932296753 ± 0.0625 -159.533997 20.55999995	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
Name CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MccurrK1_Amp_f32.value tgt_CDDInterface_Per1_MccurrK2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value	Actual Value 0 94610 157308 67108863 3600 1.00254798 2.00254798 6966.58008 0.11000061 7209 0.00518798828 8275 7527 7901 8088 7340 7714 200 156 4535 29 91164 152586 67095049 4909 8088 0.932296753 -159.533997 20.5599995 25.0300007 213.440002	Expected Value 0 94610 157308 67108863 3600 1.00254798 ± 0.0625 2.00254798 ± 0.0625 6966.58008 0.11000061 7209 0.00520324707 ± 0.0625 8275 7527 7901 8088 7340 7714 200 156 4535 29 91164 152586 67095049 4909 8088 0.932296753 ± 0.0625 -159.533997 20.5599995 25.0300007 213.440002	> > > > > > > > > > > > > > > > > > >
Name CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CurmechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeS_Cnt_u32.value tgt_CDDInterface_Per1_MescuredOnTimeS_Cnt_u32.value tgt_CDDInterface_Per1_MescuredOnTimeS_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MrCurrK2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value	Actual Value 0 94610 157308 67108863 3600 1.00254798 2.00254798 6966.58008 0.11000061 7209 0.00518798828 8275 7527 7901 8088 7340 7714 200 156 4535 29 91164 152586 67095049 4909 8088 0.932296753 -159.533997 20.5599995 25.0300007 213.440002 212.479996	Expected Value 0 94610 157308 67108863 3600 1.00254798 ± 0.0625 2.00254798 ± 0.0625 6966.58008 0.11000061 7209 0.00520324707 ± 0.0625 8275 7527 7901 8088 7340 7714 200 156 4535 29 91164 152586 67095049 4909 8088 0.932296753 ± 0.0625 -159.533997 20.5599995 25.0300007 213.440002 212.479996	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Ont_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MedidxFinal_Uls_f32.value tgt_CDDInterface_Per1_ModldxFinal_Uls_f32.value tgt_CDDInterface_Per1_MrtCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MrtCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_FinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_FinalRef_Amp_f32.value	Actual Value 0 94610 157308 67108863 3600 1.00254798 2.00254798 6966.58008 0.11000061 7209 0.00518798828 8275 7527 7901 8088 7340 7714 200 156 4535 29 91164 152586 67095049 4909 8088 0.932296753 -159.533997 20.5599995 25.0300007 213.440002 212.479996 7153	Expected Value 0 94610 157308 67108863 3600 1.00254798 ± 0.0625 2.00254798 ± 0.0625 6966.58008 0.11000061 7209 0.00520324707 ± 0.0625 8275 7527 7901 8088 7340 7714 200 156 4535 29 91164 152586 67095049 4909 8088 0.932296753 ± 0.0625 -159.533997 20.5599995 25.0300007 213.440002 212.479996 7153	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \



Test Step Call Trace			V	
Actual Function	Count	Expected Function	Count	Result
CDDPorts_ClearPhsReasSum	1	CDDPorts_ClearPhsReasSum	1	~

Test Step 2.13 (Repeat Count = 1)	🗸
	out Value
CDD_CDDDataAccessBfr_Cnt_G_u16 1	
CDD_CorrMtrCurrPosition_Rev_G_f32[0] 5019	9.12012
	33.83984
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0] 0	
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1] 786	
CDD_CumMechMtrPos_Rev_G_s15p16[0] -347	
CDD_CumMechMtrPos_Rev_G_s15p16[1] -353	
CDD_Die1RxError_Cnt_G_u16[0] 5628 CDD_Die1RxError_Cnt_G_u16[1] 8097	
CDD_Die1RxMtrPos_Cnt_G_u16[0] 5382	
CDD_Die1RxMtrPos_Cnt_G_u16[1] 7714	
CDD_Die1RxRevCtr_Cnt_G_u16[0] 5624	
CDD_Die1RxRevCtr_Cnt_G_u16[1] 8088	88
CDD_Die2RxError_Cnt_G_u16[0] 5748	5
CDD_Die2RxError_Cnt_G_u16[1] 8275	75
CDD_Die2RxMtrPos_Cnt_G_u16[0] 526	
CDD_Die2RxMtrPos_Cnt_G_u16[1] 7527	
CDD_Die2RxRevCtr_Cnt_G_u16[0] 5503	
CDD_Die2RxRevCtr_Cnt_G_u16[1] 790' CDD_MachMtrDacdTimeStamp_uSec_G_u23[0] 3699	
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0] 3688 CDD_MechMtrPos1TimeStamp_uSec_G_u32[1] 5096	
CDD_MechMtrPos2TimeStamp_uSec_G_u32[i] 5090	
CDD_MechMtrPos2TimeStamp_uSec_G_u32[1] 8278	
CDD_ModIdxFinal_Uls_G_u16p16[0] 3432	
CDD_ModldxFinal_Uls_G_u16p16[1] 3432	
CDD_MtrCurr1_Volts_G_f32[0] 0.00	0280279992
CDD_MtrCurr1_Volts_G_f32[1] 4.00	0280285
CDD_MtrCurr2_Volts_G_f32[0] 0.00	0280279992
	0280285
	2.830994
CDD_MtrCurrDax_Amp_G_f32[1] 203.	
	7799997 2299995
	8399963
	7699966
	0.119995
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1] 214.	.399994
CDD_MtrCurrQax_Amp_G_f32[0] 137.	7.820007
CDD_MtrCurrQax_Amp_G_f32[1] 213.	3.440002
CDD_PWMDutyCycleASum_Cnt_G_u32[0] 206	
CDD_PWMDutyCycleASum_Cnt_G_u32[1] 256	
CDD_PWMDutyCycleBSum_Cnt_G_u32[0] 134	
CDD_PWMDutyCycleBSum_Cnt_G_u32[1] 157	
CDD_PWMDutyCycleCSum_Cnt_G_u32[0] 3446 CDD_PWMDutyCycleCSum_Cnt_G_u32[1] 4722	
CDD_PhaseAdvFinal_Cnt_G_u16[0] 222	
CDD_PhaseAdvFinal_Cnt_G_u16[1] 368	
CDD RxMtrPos1ParityAccum Cnt G u16[0] 5140	
CDD_RxMtrPos1ParityAccum_Cnt_G_u16[1] 7340	
CDD_RxMtrPos1UnderVoltgFitAccum_Cnt_u16[0] 284	и
CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[1] 3787	37
CDD_SysCVSwitchADC_Cnt_G_u16[0] 3567	
CDD_SysCVSwitchADC_Cnt_G_u16[1] 4908	
CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[0] 7864	
CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[1] 8520	
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0] 7864 CDD_UncorrMechMtrPos1_Rev_G_u0p16[1] 8520	
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1] 8520 PXAccumPrev_Cnt_M_u32[0] 3567	
PXAccumPrev_Cnt_M_u32[1] 4909	
PXAccumPrev_Cnt_M_u32[2] 1503	
	Rte_Inst_Sa_CDDInterface
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word 9658	
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word 1488	5762
	35368

2015-02-18, 15:41:12+0530



Name	Input Value		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr1_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr1_Volts	f32	
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 ADCMtrCurr2 Volts f32	tgt CDDInterface Per1 ADCMtrCurr2 Volts		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32	tgt_CDDInterface_Per1_CorrMtrCurrPosition		
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 CorrectedElecMtrPosFloat Rev			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CumMechMtrPos_Rev_f32	tgt_CDDInterface_Per1_CumMechMtrPos_R		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxError_Cnt_u16	tgt_CDDInterface_Per1_Die1RxError_Cnt_u	16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_	target_CDDInterface_Per1_Die1UnderVoltgF	FltAccum_Cnt_u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxMtrPos_Cnt_u16	tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_	_u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxRevCtr_Cnt_u16	tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_	_u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxError_Cnt_u16	tgt_CDDInterface_Per1_Die2RxError_Cnt_u	16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxMtrPos_Cnt_u16	tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_	_u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxRevCtr_Cnt_u16	tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_	_u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeA_	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeB_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeC_	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_LRPRPhaseadvanceCaptured_	tgt_CDDInterface_Per1_LRPRPhaseadvance		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeA		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeB	-	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32 tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MechMtrPos1TimeStamp_USe	tgt_CDDInterface_Per1_MeasuredOnTimeC tgt_CDDInterface_Per1_MechMtrPos1TimeS		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MechMtrPos2TimeStamp_USe			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Perl_ModidxFinal_Uls_f32	tgt_CDDInterface_Per1_Medilwtiros21ines		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrDax_Amp_f32	tgt CDDInterface Per1 MtrCurrDax Amp f		
tgt Rte Inst Sa CDDInterface.CDDInterface Perl MtrCurrK1 Amp f32	tgt CDDInterface Per1 MtrCurrK1 Amp f32		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK2_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32	tgt_CDDInterface_Per1_MtrCurrQaxFinalRef		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQax_Amp_f32	tgt CDDInterface Per1 MtrCurrQax Amp f		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCVSwitchADC_Cnt_u16	tgt_CDDInterface_Per1_SysCVSwitchADC_0		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCorrectedElecMtrPos_Rev_	tgt_CDDInterface_Per1_SysCorrectedElecM	trPos_Rev_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_UncorrMechMtrPos1_Rev_u0p	tgt_CDDInterface_Per1_UncorrMechMtrPos	1_Rev_u0p16	
Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	0	0	~
PXAccumPrev_Cnt_M_u32[0]	120734	120734	~
PXAccumPrev_Cnt_M_u32[1]	185720	185720	~
PXAccumPrev_Cnt_M_u32[2]	598171	598171	~
target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	3787	3787	~
tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value	4.00280285	4.00280285 ± 0.0625	~
tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value	4.00280285	4.00280285 ± 0.0625	~
tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value	7153.83984	7153.83984	V
tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value	0.119995117	0.119995117	✓
tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value	7864	7864	· ·
tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value	-0.00538635254 8097	-0.00540161133 ± 0.0625 8097	
tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value	7714	7714	J
tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value	8088	8088	✓
tgt CDDInterface Per1 Die2RxError Cnt u16.value	8275	8275	,
tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value	7527	7527	✓
tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value	7901	7901	-
tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value	256	256	✓
tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value	157	157	~
tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value	4722	4722	~
tgt_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value	34	34	~
tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value	117167	117167	~
tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value	180811	180811	~
tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value			~
	583132	583132	
tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value	5096	5096	
tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value	5096 8275	5096 8275	•
tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_ModIdxFinal_UIs_f32.value	5096 8275 0.523788452	5096 8275 0.523803711 ± 0.0625	•
tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_ModldxFinal_UIs_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value	5096 8275 0.523788452 203.834	5096 8275 0.523803711 ± 0.0625 203.834	~
tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_ModIdxFinal_UIs_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32.value	5096 8275 0.523788452 203.834 25.2299995	5096 8275 0.523803711 ± 0.0625 203.834 25.2299995	~
tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_ModIdxFinal_UIs_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value	5096 8275 0.523788452 203.834 25.2299995 98.7699966	5096 8275 0.523803711 ± 0.0625 203.834 25.2299995 98.7699966	~
tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_ModIdxFinal_UIs_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value	5096 8275 0.523788452 203.834 25.2299995 98.7699966 214.399994	5096 8275 0.523803711 ± 0.0625 203.834 25.2299995 98.7699966 214.399994	•
tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_ModIdxFinal_UIs_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value	5096 8275 0.523788452 203.834 25.2299995 98.7699966 214.399994 213.440002	5096 8275 0.523803711 ± 0.0625 203.834 25.2299995 98.7699966 214.399994 213.440002	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_ModIdxFinal_UIs_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u16.value	5096 8275 0.523788452 203.834 25.2299995 98.7699966 214.399994 213.440002 7340	5096 8275 0.523803711 ± 0.0625 203.834 25.2299995 98.7699966 214.399994 213.440002 7340	~
tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_ModIdxFinal_UIs_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u16.value tgt_CDDInterface_Per1_SysCVSwitchADC_Cnt_u16.value	5096 8275 0.523788452 203.834 25.2299995 98.7699966 214.399994 213.440002 7340 4909	5096 8275 0.523803711 ± 0.0625 203.834 25.2299995 98.7699966 214.399994 213.440002 7340 4909	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_ModIdxFinal_UIs_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u16.value	5096 8275 0.523788452 203.834 25.2299995 98.7699966 214.399994 213.440002 7340	5096 8275 0.523803711 ± 0.0625 203.834 25.2299995 98.7699966 214.399994 213.440002 7340	





Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
CDDPorts_ClearPhsReasSum	1	CDDPorts_ClearPhsReasSum	1	~

Test Step 2.14 (Repeat Count = 1)	· ·
Name	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16	0
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	5140.75
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	7340.50977
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	7864
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	8519
CDD_CumMechMtrPos_Rev_G_s15p16[0]	0
CDD_CumMechMtrPos_Rev_G_s15p16[1]	367
CDD_Die1RxError_Cnt_G_u16[0]	2599
CDD_Die1RxError_Cnt_G_u16[1] CDD_Die1RxMtrPos_Cnt_G_u16[0]	3413 5503
CDD_Die1RxMtrPos_Cnt_G_u16[1]	7901
CDD_Die1RxRevCtr_Cnt_G_u16[0]	5745
CDD_Die1RxRevCtr_Cnt_G_u16[1]	8275
CDD_Die2RxError_Cnt_G_u16[0]	5628
CDD_Die2RxError_Cnt_G_u16[1]	8097
CDD_Die2RxMtrPos_Cnt_G_u16[0]	5382
CDD_Die2RxMtrPos_Cnt_G_u16[1]	7714
CDD_Die2RxRevCtr_Cnt_G_u16[0]	5624
CDD_Die2RxRevCtr_Cnt_G_u16[1]	8088
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	3809
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	5283
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0]	5628
CDD_MechMtrPos2TimeStamp_uSec_G_u32[1]	8097
CDD_ModIdxFinal_Uls_G_u16p16[0]	10859
CDD_ModldxFinal_Uls_G_u16p16[1] CDD MtrCurr1 Volts G f32[0]	10865 1.0030576
CDD_MtrCurr1_Volts_G_f32[1]	2.00305772
CDD_MtrCurr2_Volts_G_f32[0]	1.0030576
CDD_MtrCurr2_Volts_G_f32[1]	2.00305772
CDD_MtrCurrDax_Amp_G_f32[0]	141.156998
CDD_MtrCurrDax_Amp_G_f32[1]	151.380005
CDD_MtrCurrK1_Amps_G_f32[0]	66.1999969
CDD_MtrCurrK1_Amps_G_f32[1]	88.0999985
CDD_MtrCurrK2_Amps_G_f32[0]	-63.7799988
CDD_MtrCurrK2_Amps_G_f32[1]	-56.2299995
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	140.419998
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	215.360001
CDD_MtrCurrQax_Amp_G_f32[0]	-220
CDD_MtrCurrQax_Amp_G_f32[1]	-220
CDD_PWMDutyCycleASum_Cnt_G_u32[0] CDD_PWMDutyCycleASum_Cnt_G_u32[1]	3809 5283
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	142
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	158
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	3567
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	4909
CDD_PhaseAdvFinal_Cnt_G_u16[0]	230
CDD_PhaseAdvFinal_Cnt_G_u16[1]	424
CDD_RxMtrPos1ParityAccum_Cnt_G_u16[0]	5261
CDD_RxMtrPos1ParityAccum_Cnt_G_u16[1]	7527
CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[0]	3083
CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[1]	4161
CDD_SysCVSwitchADC_Cnt_G_u16[0]	3688
CDD_SysCVSwitchADC_Cnt_G_u16[1]	5096
CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[0]	0
CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[1]	9175
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	0
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	9175
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1]	3688 5096
PXAccumPrev_Cnt_M_u32[2]	16264
Rte_Inst_Sa_CDDInterface	tgt_Rte_Inst_Sa_CDDInterface
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	358476
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	4778522
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	247863

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Name	Input Value		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr1_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr1_Volts	f32	
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 ADCMtrCurr2 Volts f32	tgt CDDInterface Per1 ADCMtrCurr2 Volts		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32	tgt_CDDInterface_Per1_CorrMtrCurrPosition		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev	tgt_CDDInterface_Per1_CorrectedElecMtrPo		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p	tgt_CDDInterface_Per1_CorrectedElecMtrPo	s_Rev_u0p16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CumMechMtrPos_Rev_f32	tgt_CDDInterface_Per1_CumMechMtrPos_R	ev_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxError_Cnt_u16	tgt_CDDInterface_Per1_Die1RxError_Cnt_u	16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_	target_CDDInterface_Per1_Die1UnderVoltgF		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxMtrPos_Cnt_u16	tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxRevCtr_Cnt_u16	tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxError_Cnt_u16	tgt_CDDInterface_Per1_Die2RxError_Cnt_u		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxMtrPos_Cnt_u16 tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxRevCtr_Cnt_u16	tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_ tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_		
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 ExpectedOnTimeA Cnt u32	tgt_CDDInterface_Per1_ExpectedOnTimeA_		
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 ExpectedOnTimeB Cnt u32	tgt_CDDInterface_Per1_ExpectedOnTimeB_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeC_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_LRPRPhaseadvanceCaptured_	tgt_CDDInterface_Per1_LRPRPhaseadvance	eCaptured_Cnt_s16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeA_	_Cnt_u32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeB_	_Cnt_u32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeC		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MechMtrPos1TimeStamp_USer	tgt_CDDInterface_Per1_MechMtrPos1TimeS	·	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MechMtrPos2TimeStamp_USe			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ModIdxFinal_UIs_f32	tgt_CDDInterface_Per1_ModIdxFinal_UIs_f3.		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrDax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrDax_Amp_f3		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK1_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK2_Amp_f32 tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32 tgt_CDDInterface_Per1_MtrCurrQaxFinalRef		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQax_Amp_f32	tgt CDDInterface Per1 MtrCurrQax Amp f3		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u	tgt_CDDInterface_Per1_RxMtrPos1ParityAco		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCVSwitchADC_Cnt_u16	tgt_CDDInterface_Per1_SysCVSwitchADC_0		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCorrectedElecMtrPos_Rev_	tgt_CDDInterface_Per1_SysCorrectedElecM	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_UncorrMechMtrPos1_Rev_u0p	tgt_CDDInterface_Per1_UncorrMechMtrPos1	I_Rev_u0p16	
Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	1	1	•
PXAccumPrev_Cnt_M_u32[0]	44809	44809	•
PXAccumPrev_Cnt_M_u32[1]	597315	597315	~
PXAccumPrev_Cnt_M_u32[2]	30982	30982	~
target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	3083	3083	~
tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value	1.0030576	1.0030576 ± 0.0625	*
tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value	1.0030576	1.0030576 ± 0.0625	•
tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value	5140.75 0.119995117	5140.75 0.119995117	*
tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value	7864	7864	-
tgt CDDInterface Per1 CumMechMtrPos Rev f32.value	0	0 ± 0.0625	Ŭ
tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value	2599	2599	-
tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value	5503	5503	-
tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value	5745	5745	-
tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value	5628	5628	~
tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value	5382	5382	~
tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value	5624	5624	~
tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value	3809	3809	~
tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value	142	142	~
tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value	3567	3567	V
tgt_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value	21	21	V
tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value	41121	41121	*
tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value	592219 14718	592219 14718	-
tgt_CDDInterface_Per1_MeasuredOffTimeC_Cfit_us2.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value	3809	3809	
tgt_CDDInterface_ren_wechinterostrimestamp_Usec_uss.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_uss.value	5628	5628	-
tgt_CDDInterface_Per1_ModIdxFinal_Uls_f32.value	0.16569519	0.16569519 ± 0.0625	-
tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value	141.156998	141.156998	✓
tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32.value	66.1999969	66.1999969	-
tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value	-63.7799988	-63.7799988	•
tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value	140.419998	140.419998	•
tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value	-220	-220	~
tgt_CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u16.value	5261	5261	~
			~
tgt_CDDInterface_Per1_SysCVSwitchADC_Cnt_u16.value	3688	3688	
tgt_CDDInterface_Per1_SysCVSwitchADC_Cnt_u16.value tgt_CDDInterface_Per1_SysCorrectedElecMtrPos_Rev_t32.value tgt_CDDInterface_Per1_UncorrMechMtrPos1_Rev_u0p16.value	3688 0 0	3688 0 ± 0.0625 0	•





Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
CDDPorts_ClearPhsReasSum	1	CDDPorts_ClearPhsReasSum	1	~

Test Step 2.15 (Repeat Count = 1)	→
Name	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16	1
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	5261.18018
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	7527.8501
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	0
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	9175
CDD_CumMechMtrPos_Rev_G_s15p16[0]	-19660
CDD_CumMechMtrPos_Rev_G_s15p16[1]	-26214
CDD_Die1RxError_Cnt_G_u16[0]	2720
CDD_Die1RxError_Cnt_G_u16[1]	3600 5624
CDD_Die1RxMtrPos_Cnt_G_u16[0] CDD_Die1RxMtrPos_Cnt_G_u16[1]	8088
CDD_Die1RxRevCtr_Cnt_G_u16[0]	5628
CDD_Die1RxRevCtr_Cnt_G_u16[1]	8097
CDD_Die2RxError_Cnt_G_u16[0]	2599
CDD_Die2RxError_Cnt_G_u16[1]	3413
CDD_Die2RxMtrPos_Cnt_G_u16[0]	5503
CDD_Die2RxMtrPos_Cnt_G_u16[1]	7901
CDD_Die2RxRevCtr_Cnt_G_u16[0]	5745
CDD_Die2RxRevCtr_Cnt_G_u16[1]	8275
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	3930
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	5470
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0]	2599
CDD_MechMtrPos2TimeStamp_uSec_G_u32[1]	3413
CDD_ModIdxFinal_Uls_G_u16p16[0]	15204 15210
CDD_ModldxFinal_Uls_G_u16p16[1] CDD MtrCurr1 Volts G f32[0]	0.00178359996
CDD_MtrCurr1_Volts_G_f32[1]	2.00178361
CDD_MtrCurr2_Volts_G_f32[0]	0.00178359996
CDD_MtrCurr2_Volts_G_f32[1]	1.00178361
CDD_MtrCurrDax_Amp_G_f32[0]	-176.199997
CDD_MtrCurrDax_Amp_G_f32[1]	-165.716995
CDD_MtrCurrK1_Amps_G_f32[0]	-32
CDD_MtrCurrK1_Amps_G_f32[1]	-28
CDD_MtrCurrK2_Amps_G_f32[0]	12.5600004
CDD_MtrCurrK2_Amps_G_f32[1]	14.8900003
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	-216.320007
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	-141.720001
CDD_MtrCurrQax_Amp_G_f32[0]	220
CDD_MtrCurrQax_Amp_G_f32[1]	220
CDD_PWMDutyCycleASum_Cnt_G_u32[0]	3930 5470
CDD_PWMDutyCycleASum_Cnt_G_u32[1] CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	4051
CDD PWMDutyCycleBSum Cnt G u32[1]	5657
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	3688
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	5096
CDD_PhaseAdvFinal_Cnt_G_u16[0]	238
CDD_PhaseAdvFinal_Cnt_G_u16[1]	480
CDD_RxMtrPos1ParityAccum_Cnt_G_u16[0]	5382
CDD_RxMtrPos1ParityAccum_Cnt_G_u16[1]	7714
CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[0]	3204
CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[1]	4348
CDD_SysCVSwitchADC_Cnt_G_u16[0]	3809
CDD_SysCVSwitchADC_Cnt_G_u16[1]	5283
CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[0]	0
CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[1]	9830
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	0
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	9830
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1]	3809 5283
PXAccumPrev_Cnt_M_u32[2]	17489
Rte_Inst_Sa_CDDInterface	tgt_Rte_Inst_Sa_CDDInterface
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	258746
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	4785232
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	685746

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Name	Input Value		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr1_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr1_Volts	_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr2_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr2_Volts	_f32	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32$	tgt_CDDInterface_Per1_CorrMtrCurrPosition	_Rev_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CumMechMtrPos_Rev_f32	tgt_CDDInterface_Per1_CumMechMtrPos_R	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxError_Cnt_u16 tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_	tgt_CDDInterface_Per1_Die1RxError_Cnt_u′ target_CDDInterface_Per1_Die1UnderVoltgF		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxMtrPos_Cnt_u16	tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_		
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 Die1RxRevCtr Cnt u16	tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxError_Cnt_u16	tgt_CDDInterface_Per1_Die2RxError_Cnt_u		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxMtrPos_Cnt_u16	tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_	u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxRevCtr_Cnt_u16	tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_	<u>u</u> 16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeA_	Cnt_u32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeB_	-	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeC_	-	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_LRPRPhaseadvanceCaptured_	tgt_CDDInterface_Per1_LRPRPhaseadvance		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32 tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeA_ tgt_CDDInterface_Per1_MeasuredOnTimeB	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeC_	-	
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 MechMtrPos1TimeStamp USe			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MechMtrPos2TimeStamp_USe			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ModIdxFinal_Uls_f32	tgt_CDDInterface_Per1_ModIdxFinal_Uls_f3:		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrDax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrDax_Amp_f3	32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK1_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32	2	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK2_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32	2	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32	tgt_CDDInterface_Per1_MtrCurrQaxFinalRef		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrQax_Amp_f3		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCVSwitchADC_Cnt_u16	tgt_CDDInterface_Per1_SysCVSwitchADC_0	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCorrectedElecMtrPos_Rev_ tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_UncorrMechMtrPos1_Rev_u0p	tgt_CDDInterface_Per1_SysCorrectedElecMitgt_CDDInterface_Per1_UncorrMechMtrPos1		
Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	0	0	ixesuit
PXAccumPrev Cnt M u32[0]	32343	32343	~
PXAccumPrev_Cnt_M_u32[1]	598154	598154	~
PXAccumPrev_Cnt_M_u32[2]	85718	85718	~
target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	4348	4348	~
tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value	2.00178361	2.00178361 ± 0.0625	~
tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value	1.00178361	1.00178361 ± 0.0625	~
tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value	7527.8501	7527.8501	V
tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value	0.13999939	0.13999939	~
tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value	9175 -0.399993896	9175 -0.399993896 ± 0.0625	
tgt CDDInterface Per1 Die1RxError Cnt u16.value	3600	3600	~
tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value	8088	8088	~
tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value			
tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value	8097	8097	~
tot ODDIstorfore Dead Discountables Out v40 value	8097 3413		*
tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value		8097	· · · · · · · · · · · · · · · · · · ·
tgt_CDDInterface_Per1_Die2RxMitrPos_Cht_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value	3413	8097 3413	· · · · · · · · · · · · · · · · · · ·
tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value	3413 7901 8275 5470	8097 3413 7901 8275 5470	> > > >
tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value	3413 7901 8275 5470 5657	8097 3413 7901 8275 5470 5657	· · · · · · · · · · · · · · · · · · ·
tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value	3413 7901 8275 5470 5657 5096	8097 3413 7901 8275 5470 5657 5096	· · · · · · · · · · · · · · · · · · ·
tgl_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgl_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgl_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgl_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgl_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgl_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value	3413 7901 8275 5470 5657 5096	8097 3413 7901 8275 5470 5657 5096	· · · · · · · · · · · · · · · · · · ·
tgl_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgl_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgl_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgl_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgl_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgl_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value tgl_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value	3413 7901 8275 5470 5657 5096 45 28534	8097 3413 7901 8275 5470 5657 5096 45 28534	· · · · · · · · · · · · · · · · · · ·
tgl_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgl_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgl_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgl_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgl_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgl_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value tgl_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgl_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value	3413 7901 8275 5470 5657 5096 45 28534 592871	8097 3413 7901 8275 5470 5657 5096 45 28534 592871	***************************************
tgl_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgl_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgl_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgl_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgl_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value tgl_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgl_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgl_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgl_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value	3413 7901 8275 5470 5657 5096 45 28534 592871 68229	8097 3413 7901 8275 5470 5657 5096 45 28534 592871 68229	· · · · · · · · · · · · · · · · · · ·
tgl_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgl_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgl_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgl_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgl_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgl_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value tgl_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgl_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value	3413 7901 8275 5470 5657 5096 45 28534 592871	8097 3413 7901 8275 5470 5657 5096 45 28534 592871	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value	3413 7901 8275 5470 5657 5096 45 28534 592871 68229 5470	8097 3413 7901 8275 5470 5657 5096 45 28534 592871 68229 5470	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value	3413 7901 8275 5470 5657 5096 45 28534 592871 68229 5470 3413	8097 3413 7901 8275 5470 5657 5096 45 28534 592871 68229 5470 3413	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_ModIdxFinal_UIs_f32.value	3413 7901 8275 5470 5657 5096 45 28534 592871 68229 5470 3413 0.232086182	8097 3413 7901 8275 5470 5657 5096 45 28534 592871 68229 5470 3413 0.23210144 ± 0.0625)
tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_ModldxFinal_UIs_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value	3413 7901 8275 5470 5657 5096 45 28534 592871 68229 5470 3413 0.232086182 -165.716995 -28 14.8900003	8097 3413 7901 8275 5470 5657 5096 45 28534 592871 68229 5470 3413 0.23210144 ± 0.0625 -165.716995 -28 14.8900003	· · · · · · · · · · · · · · · · · · ·
tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_ModldxFinal_UIs_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value	3413 7901 8275 5470 5657 5096 45 28534 592871 68229 5470 3413 0.232086182 -165.716995 -28 14.8900003 -141.720001	8097 3413 7901 8275 5470 5657 5096 45 28534 592871 68229 5470 3413 0.23210144 ± 0.0625 -165.716995 -28 14.8900003 -141.720001	· · · · · · · · · · · · · · · · · · ·
tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MedldxFinal_UIs_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrR2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrR2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_FinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_FinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value	3413 7901 8275 5470 5657 5096 45 28534 592871 68229 5470 3413 0.232086182 -165.716995 -28 14.8900003 -141.720001 220	8097 3413 7901 8275 5470 5657 5096 45 28534 592871 68229 5470 3413 0.23210144 ± 0.0625 -165.716995 -28 14.8900003 -141.720001 220	· · · · · · · · · · · · · · · · · · ·
tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MedldxFinal_UIs_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrR2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_FinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u16.value	3413 7901 8275 5470 5657 5096 45 28534 592871 68229 5470 3413 0.232086182 -165.716995 -28 14.8900003 -141.720001 220 7714	8097 3413 7901 8275 5470 5657 5096 45 28534 592871 68229 5470 3413 0.23210144 ± 0.0625 -165.716995 -28 14.8900003 -141.720001 220 7714	· · · · · · · · · · · · · · · · · · ·
tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MctCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrR1_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrR2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrR2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u16.value tgt_CDDInterface_Per1_SysCVSwitchADC_Cnt_u16.value	3413 7901 8275 5470 5657 5096 45 28534 592871 68229 5470 3413 0.232086182 -165.716995 -28 14.8900003 -141.720001 220 7714 5283	8097 3413 7901 8275 5470 5657 5096 45 28534 592871 68229 5470 3413 0.23210144 ± 0.0625 -185.716995 -28 14.8900003 -141.720001 220 7714 5283	· · · · · · · · · · · · · · · · · · ·
tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MedldxFinal_UIs_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrR2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_FinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u16.value	3413 7901 8275 5470 5657 5096 45 28534 592871 68229 5470 3413 0.232086182 -165.716995 -28 14.8900003 -141.720001 220 7714	8097 3413 7901 8275 5470 5657 5096 45 28534 592871 68229 5470 3413 0.23210144 ± 0.0625 -165.716995 -28 14.8900003 -141.720001 220 7714	· · · · · · · · · · · · · · · · · · ·





Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
CDDPorts_ClearPhsReasSum	1	CDDPorts_ClearPhsReasSum	1	~

Test Step 2.16 (Repeat Count = 1)	✓
Name	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16	1
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	5382.16992
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	7714.95996
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	0
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	9830
CDD_CumMechMtrPos_Rev_G_s15p16[0]	20971
CDD_CumMechMtrPos_Rev_G_s15p16[1]	26869
CDD_Die1RxError_Cnt_G_u16[0]	2841
CDD_Die1RxError_Cnt_G_u16[1]	3787 5745
CDD_Die1RxMtrPos_Cnt_G_u16[0] CDD_Die1RxMtrPos_Cnt_G_u16[1]	8275
CDD_Die1RxRevCtr_Cnt_G_u16[0]	2599
CDD_Die1RxRevCtr_Cnt_G_u16[1]	3413
CDD_Die2RxError_Cnt_G_u16[0]	2720
CDD_Die2RxError_Cnt_G_u16[1]	3600
CDD_Die2RxMtrPos_Cnt_G_u16[0]	5624
CDD_Die2RxMtrPos_Cnt_G_u16[1]	8088
CDD_Die2RxRevCtr_Cnt_G_u16[0]	5628
CDD_Die2RxRevCtr_Cnt_G_u16[1]	8097
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	3889
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	5287
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0]	2720
CDD_MechMtrPos2TimeStamp_uSec_G_u32[1]	3600
CDD_ModIdxFinal_Uls_G_u16p16[0]	24163 24169
CDD_ModldxFinal_Uls_G_u16p16[1] CDD MtrCurr1 Volts G f32[0]	2.00356722
CDD_MtrCurr1_Volts_G_f32[1]	1.00356722
CDD_MtrCurr2_Volts_G_f32[0]	1.00356722
CDD_MtrCurr2_Volts_G_f32[1]	2.00356722
CDD_MtrCurrDax_Amp_G_f32[0]	-201.020004
CDD_MtrCurrDax_Amp_G_f32[1]	-190.276993
CDD_MtrCurrK1_Amps_G_f32[0]	6.26999998
CDD_MtrCurrK1_Amps_G_f32[1]	11.2799997
CDD_MtrCurrK2_Amps_G_f32[0]	29.6399994
CDD_MtrCurrK2_Amps_G_f32[1]	25.8099995
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	-217.279999
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	-143.020004
CDD_MtrCurrQax_Amp_G_f32[0]	0
CDD_MtrCurrQax_Amp_G_f32[1]	0
CDD_PWMDutyCycleASum_Cnt_G_u32[0] CDD_PWMDutyCycleASum_Cnt_G_u32[1]	4051 5657
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	4172
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	5844
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	3809
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	5283
CDD_PhaseAdvFinal_Cnt_G_u16[0]	246
CDD_PhaseAdvFinal_Cnt_G_u16[1]	536
CDD_RxMtrPos1ParityAccum_Cnt_G_u16[0]	5503
CDD_RxMtrPos1ParityAccum_Cnt_G_u16[1]	7901
CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[0]	3325
CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[1]	4535
CDD_SysCVSwitchADC_Cnt_G_u16[0]	3930
CDD_SysCVSwitchADC_Cnt_G_u16[1]	5470
CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[0]	9830
CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[1]	10486
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	9830
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	10486
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1]	3930 5470
PXAccumPrev_Cnt_M_u32[2]	18714
Rte_Inst_Sa_CDDInterface	tgt_Rte_Inst_Sa_CDDInterface
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	147856
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	4785545
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	756887

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Name	Input Value		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr1_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr1_Volts	_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr2_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr2_Volts	_f32	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32$	tgt_CDDInterface_Per1_CorrMtrCurrPosition	_Rev_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPosFloat_Re			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0		:	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CumMechMtrPos_Rev_f32	tgt_CDDInterface_Per1_CumMechMtrPos_R	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxError_Cnt_u16 tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_	tgt_CDDInterface_Per1_Die1RxError_Cnt_u target_CDDInterface_Per1_Die1UnderVoltgF		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxMtrPos_Cnt_u16	tgt CDDInterface Per1 Die1RxMtrPos Cnt		
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 Die1RxRevCtr Cnt u16	tgt CDDInterface Per1 Die1RxRevCtr Cnt	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxError_Cnt_u16	tgt_CDDInterface_Per1_Die2RxError_Cnt_u		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxMtrPos_Cnt_u16	tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_	_u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxRevCtr_Cnt_u16	tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_	_u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeA_	Cnt_u32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeB_	· -	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeC_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_LRPRPhaseadvanceCaptured_	tgt_CDDInterface_Per1_LRPRPhaseadvance		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32 tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeA_ tgt_CDDInterface_Per1_MeasuredOnTimeB_	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeC		
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 MechMtrPos1TimeStamp USe			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MechMtrPos2TimeStamp_USe			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ModIdxFinal_Uls_f32	tgt_CDDInterface_Per1_ModIdxFinal_Uls_f3.		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrDax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrDax_Amp_f3	32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK1_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32	2	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK2_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32	2	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32	tgt_CDDInterface_Per1_MtrCurrQaxFinalRef		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrQax_Amp_f3		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCVSwitchADC_Cnt_u16	tgt_CDDInterface_Per1_SysCVSwitchADC_0	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCorrectedElecMtrPos_Rev_ tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_UncorrMechMtrPos1_Rev_u0p	tgt_CDDInterface_Per1_SysCorrectedElecM tgt_CDDInterface_Per1_UncorrMechMtrPos1		
Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	0	0	result
PXAccumPrev Cnt M u32[0]	18482	18482	~
PXAccumPrev_Cnt_M_u32[1]	598193	598193	~
PXAccumPrev_Cnt_M_u32[2]	94610	94610	~
target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	4535	4535	~
tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value	1.00356722	1.00356722 ± 0.0625	~
tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value	2.00356722	2.00356722 ± 0.0625	~
tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value	7714.95996	7714.95996	V
tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value	0.149993896	0.149993896	~
tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value	9830 0.409988403	9830 0.410003662 ± 0.0625	
tgt CDDInterface Per1 Die1RxError Cnt u16.value	3787	3787	~
tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value	8275	8275	~
tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value	3413	3413	~
tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value	3600	3600	~
tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value	8088	8088	~
tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value	8097	8097	~
tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value			-0
tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value	5657	5657	~
	5844	5844	~
tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value	5844 5283	5844 5283	✓
tgt_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value	5844 5283 50	5844 5283 50	\ \ \
tgt_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value	5844 5283 50 14552	5844 5283 50 14552	· · · ·
tgt_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value	5844 5283 50 14552 592723	5844 5283 50 14552 592723	· · · · · ·
tgt_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value	5844 5283 50 14552	5844 5283 50 14552	· · · ·
tgt_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value	5844 5283 50 14552 592723 75896	5844 5283 50 14552 592723 75896	\rightarrow \right
tgl_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value	5844 5283 50 14552 592723 75896 5287	5844 5283 50 14552 592723 75896 5287	***
tgl_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value	5844 5283 50 14552 592723 75896 5287 3600	5844 5283 50 14552 592723 75896 5287 3600	· · · · · · · · · · · · · · · · · · ·
tgl_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_ModIdxFinal_UIs_f32.value	5844 5283 50 14552 592723 75896 5287 3600 0.368789673	5844 5283 50 14552 592723 75896 5287 3600 0.368804932 ± 0.0625	> > > > > > > > > > > > > > > > > > >
tgl_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_ModIdxFinal_UIs_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value	5844 5283 50 14552 592723 75896 5287 3600 0.368789673 -190.276993 11.2799997 25.8099995	5844 5283 50 14552 592723 75896 5287 3600 0.368804932 ± 0.0625 -190.276993 11.2799997 25.8099995	· · · · · · · · · · · · · · · · · · ·
tgl_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MedldxFinal_UIs_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value	5844 5283 50 14552 592723 75896 5287 3600 0.368789673 -190.276993 11.2799997 25.8099995 -143.020004	5844 5283 50 14552 592723 75896 5287 3600 0.368804932 ± 0.0625 -190.276993 11.2799997 25.8099995 -143.020004	> > > > > > > > > > > > > > > > > > >
tgl_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MedldxFinal_UIs_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrCaxFinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value	5844 5283 50 14552 592723 75896 5287 3600 0.368789673 -190.276993 11.2799997 25.8099995 -143.020004 0	5844 5283 50 14552 592723 75896 5287 3600 0.368804932 ± 0.0625 -190.276993 11.2799997 25.8099995 -143.020004 0	> > > > > > > > > > > > > > > > > > >
tgl_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_ModIdxFinal_UIs_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u16.value	5844 5283 50 14552 592723 75896 5287 3600 0.368789673 -190.276993 11.2799997 25.8099995 -143.020004 0 7901	5844 5283 50 14552 592723 75896 5287 3600 0.368804932 ± 0.0625 -190.276993 11.2799997 25.8099995 -143.020004 0 7901	> > > > > > > > > > > > > > > > > > >
tgl_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrCaxFinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u16.value tgt_CDDInterface_Per1_SysCVSwitchADC_Cnt_u16.value	5844 5283 50 14552 592723 75896 5287 3600 0.368789673 -190.276993 11.2799997 25.8099995 -143.020004 0 7901 5470	5844 5283 50 14552 592723 75896 5287 3600 0.368804932 ± 0.0625 -190.276993 11.2799997 25.8099995 -143.020004 0 7901 5470	>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>
tgl_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_ModIdxFinal_UIs_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u16.value	5844 5283 50 14552 592723 75896 5287 3600 0.368789673 -190.276993 11.2799997 25.8099995 -143.020004 0 7901	5844 5283 50 14552 592723 75896 5287 3600 0.368804932 ± 0.0625 -190.276993 11.2799997 25.8099995 -143.020004 0 7901	>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>





Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
CDDPorts_ClearPhsReasSum	1	CDDPorts_ClearPhsReasSum	1	~

Test Step 2.17 (Repeat Count = 1)	→
Name	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16	1
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	5382.16992
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	7714.95996
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	0
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	9830
CDD_CumMechMtrPos_Rev_G_s15p16[0]	20971
CDD_CumMechMtrPos_Rev_G_s15p16[1]	26869
CDD_Die1RxError_Cnt_G_u16[0]	2841
CDD_Die1RxError_Cnt_G_u16[1]	3787
CDD_Die1RxMtrPos_Cnt_G_u16[0]	5745
CDD_Die1RxMtrPos_Cnt_G_u16[1]	8275
CDD_Die1RxRevCtr_Cnt_G_u16[0]	2599
CDD_Die1RxRevCtr_Cnt_G_u16[1]	3413
CDD_Die2RxError_Cnt_G_u16[0]	2720
CDD_Die2RxError_Cnt_G_u16[1] CDD_Die2RxMtrPoo_Cnt_C_u16[0]	3600 5624
CDD_Die2RxMtrPos_Cnt_G_u16[0] CDD_Die2RxMtrPos_Cnt_G_u16[1]	8088
CDD Die2RxRevCtr Cnt G u16[0]	5628
	8097
CDD_Die2RxRevCtr_Cnt_G_u16[1] CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	3889
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	5287
CDD MechMtrPos2TimeStamp_uSec G u32[0]	2720
CDD_MechMtrPos2TimeStamp_uSec_G_u32[1]	3600
CDD_ModIdxFinal_Uls_G_u16p16[0]	24163
CDD_ModIdxFinal_Uls_G_u16p16[1]	24169
CDD MtrCurr1 Volts G f32[0]	2.00356722
CDD_MtrCurr1_Volts_G_f32[1]	1.00356722
CDD_MtrCurr2_Volts_G_f32[0]	1.00356722
CDD_MtrCurr2_Volts_G_f32[1]	2.00356722
CDD_MtrCurrDax_Amp_G_f32[0]	-201.020004
CDD_MtrCurrDax_Amp_G_f32[1]	-190.276993
CDD_MtrCurrK1_Amps_G_f32[0]	6.2699998
CDD_MtrCurrK1_Amps_G_f32[1]	11.2799997
CDD_MtrCurrK2_Amps_G_f32[0]	29.6399994
CDD_MtrCurrK2_Amps_G_f32[1]	25.8099995
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	-217.279999
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	-143.020004
CDD_MtrCurrQax_Amp_G_f32[0]	140.000259
CDD_MtrCurrQax_Amp_G_f32[1]	141.000259
CDD_PWMDutyCycleASum_Cnt_G_u32[0]	4051
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	5657
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	4172
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	5844
CDD_PWMDutyCycleCSum_Cnt_G_u32[0] CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	3809
CDD_PwwbutyCycleCSum_Cnt_G_u32[1] CDD_PhaseAdvFinal_Cnt_G_u16[0]	5283 246
CDD_PhaseAdvFinal_Cnt_G_u16[1] CDD_PhaseAdvFinal_Cnt_G_u16[1]	536
CDD RxMtrPos1ParityAccum Cnt G u16[0]	5503
CDD RxMtrPos1ParityAccum Cnt G u16[1]	7901
CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[0]	3446
CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[1]	4722
CDD SysCVSwitchADC Cnt G u16[0]	3930
CDD SysCVSwitchADC Cnt G u16[1]	5470
CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[0]	9830
CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[1]	10486
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	9830
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	10486
PXAccumPrev_Cnt_M_u32[0]	3930
PXAccumPrev_Cnt_M_u32[1]	5470
PXAccumPrev_Cnt_M_u32[2]	18714
Rte_Inst_Sa_CDDInterface	tgt_Rte_Inst_Sa_CDDInterface
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	147856
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	4785545
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	756887

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Name	Input Value		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr1_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr1_Volts	f32	
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 ADCMtrCurr2 Volts f32	tgt CDDInterface Per1 ADCMtrCurr2 Volts		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32	tgt_CDDInterface_Per1_CorrMtrCurrPosition		
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 CorrectedElecMtrPosFloat Rev			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p			
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 CumMechMtrPos Rev f32	tgt CDDInterface Per1 CumMechMtrPos R		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxError_Cnt_u16	tgt_CDDInterface_Per1_Die1RxError_Cnt_u	 16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_	target_CDDInterface_Per1_Die1UnderVoltgF	FltAccum_Cnt_u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxMtrPos_Cnt_u16	tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_	_u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxRevCtr_Cnt_u16	tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_	_u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxError_Cnt_u16	tgt_CDDInterface_Per1_Die2RxError_Cnt_u	16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxMtrPos_Cnt_u16	tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_	_u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxRevCtr_Cnt_u16	tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_	_u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeA_	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeB_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeC_	-	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_LRPRPhaseadvanceCaptured_	tgt_CDDInterface_Per1_LRPRPhaseadvance		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeA_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeB_	-	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeC		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MechMtrPos1TimeStamp_USe			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MechMtrPos2TimeStamp_USe tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ModIdxFinal_UIs_f32	tgt_CDDInterface_Per1_MechMtrPos2TimeS tgt_CDDInterface_Per1_ModIdxFinal_Uls_f3.		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ModiuxFinal_Dis_132 tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrDax_Amp_f32	tgt_CDDInterface_Per1_ModidxFinal_ois_is.		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Perl_MtrCurrK1_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK1_Amp_i3		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK2_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32	tgt_CDDInterface_Per1_MtrCurrQaxFinalRef		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQax_Amp_f32	tgt CDDInterface Per1 MtrCurrQax Amp f3		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCVSwitchADC_Cnt_u16	tgt_CDDInterface_Per1_SysCVSwitchADC_0		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCorrectedElecMtrPos_Rev_	tgt_CDDInterface_Per1_SysCorrectedElecM	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_UncorrMechMtrPos1_Rev_u0p	tgt_CDDInterface_Per1_UncorrMechMtrPos1		
Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	0	0	~
PXAccumPrev_Cnt_M_u32[0]	18482	18482	~
PXAccumPrev_Cnt_M_u32[1]	598193	598193	-
PXAccumPrev_Cnt_M_u32[2]	94610	94610	~
target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	4722	4722	~
tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value	1.00356722	1.00356722 ± 0.0625	~
tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value	2.00356722	2.00356722 ± 0.0625	~
tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value	7714.95996	7714.95996	V
tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value	0.149993896	0.149993896	~
tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value	9830	9830	V
tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value	0.409988403	0.410003662 ± 0.0625	•
tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value	3787 8275	3787 8275	
tgt_CDDInterface_rei1_Die1RxRevCtr_Cnt_u16.value	3413	3413	
tgt_CDDInterface_Per1_Die1RXRevCtl_Clit_u16.value	3600	3600	
tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value	8088	8088	·
tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value	8097	8097	
tgt_CDDInterface Per1 ExpectedOnTimeA Cnt u32.value	5657	5657	V
tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value	5844	5844	~
tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value	5283	5283	•
tgt_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value	50	50	~
tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value	14552	14552	•
tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value	592723	592723	~
tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value	75896	75896	•
tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value	5287	5287	~
tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value	3600	3600	~
tgt_CDDInterface_Per1_ModIdxFinal_Uls_f32.value	0.368789673	0.368804932 ± 0.0625	~
	400.070000	-190.276993	V
tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value	-190.276993		✓
tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32.value	11.2799997	11.2799997	
tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value	11.2799997 25.8099995	25.8099995	•
tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value	11.2799997 25.8099995 -143.020004	25.8099995 -143.020004	~
tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value	11.2799997 25.8099995 -143.020004 141.000259	25.8099995 -143.020004 141.000259	, ,
tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u16.value	11.2799997 25.8099995 -143.020004 141.000259 7901	25.8099995 -143.020004 141.000259 7901	*
tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u16.value tgt_CDDInterface_Per1_SysCVSwitchADC_Cnt_u16.value	11.2799997 25.8099995 -143.020004 141.000259 7901 5470	25.8099995 -143.020004 141.000259 7901 5470	, , , , , , , , , , , , , , , , , , ,
tgl_CDDInterface_Per1_MtrCurrK1_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u16.value	11.2799997 25.8099995 -143.020004 141.000259 7901	25.8099995 -143.020004 141.000259 7901	~





Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
CDDPorts_ClearPhsReasSum	1	CDDPorts_ClearPhsReasSum	1	~

Test Step 2.18 (Repeat Count = 1)	
Name	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16	0
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	5503.16992
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	7901.77979
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	9830
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	10485
CDD_CumMechMtrPos_Rev_G_s15p16[0]	-7864
CDD_CumMechMtrPos_Rev_G_s15p16[1]	-18350
CDD_Die1RxError_Cnt_G_u16[0]	190
CDD_Die1RxError_Cnt_G_u16[1]	192
CDD_Die1RxMtrPos_Cnt_G_u16[0]	5628
CDD_Die1RxMtrPos_Cnt_G_u16[1]	8097
CDD_Die1RxRevCtr_Cnt_G_u16[0]	2720
CDD_Die1RxRevCtr_Cnt_G_u16[1]	3600
CDD_Die2RxError_Cnt_G_u16[0]	2841
CDD_Die2RxError_Cnt_G_u16[1]	3787
CDD_Die2RxMtrPos_Cnt_G_u16[0]	5745
CDD_Die2RxMtrPos_Cnt_G_u16[1]	8275
CDD_Die2RxRevCtr_Cnt_G_u16[0]	2599
CDD_Die2RxRevCtr_Cnt_G_u16[1]	3413
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	4530
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	5471
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0]	2841 3787
CDD_MechMtrPos2TimeStamp_uSec_G_u32[1]	32112
CDD_ModIdyFinal_UIs_G_u16p16[0]	32119
CDD_ModIdxFinal_Uls_G_u16p16[1] CDD_MtrCurr1_Volts_G_f32[0]	0.003822
CDD_MtrCurr1_Volts_G_f32[1]	2.00382209
CDD_MtrCurr2_Volts_G_f32[0]	0.003822
CDD_MtrCurr2_Volts_G_f32[1]	1.00382197
CDD_MtrCurrDax_Amp_G_f32[0]	214.837006
CDD_MtrCurrDax_Amp_G_f32[1]	215.839996
CDD_MtrCurrK1_Amps_G_f32[0]	34
CDD_MtrCurrK1_Amps_G_f32[1]	54
CDD_MtrCurrK2_Amps_G_f32[0]	30.8600006
CDD_MtrCurrK2_Amps_G_f32[1]	26.5900002
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	-218.240005
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	-144.320007
CDD_MtrCurrQax_Amp_G_f32[0]	-217.279999
CDD_MtrCurrQax_Amp_G_f32[1]	-143.020004
CDD_PWMDutyCycleASum_Cnt_G_u32[0]	3083
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	4161
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	1873
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	2291
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	3930
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	5470
CDD_PhaseAdvFinal_Cnt_G_u16[0]	254
CDD_PhaseAdvFinal_Cnt_G_u16[1]	592
CDD_RxMtrPos1ParityAccum_Cnt_G_u16[0]	5624
CDD_RxMtrPos1ParityAccum_Cnt_G_u16[1]	8088
CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[0]	3567
CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[1]	4909
CDD_SysCVSwitchADC_Cnt_G_u16[0]	3889
CDD_SysCVSwitchADC_Cnt_G_u16[1]	5287
CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[0]	0
CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[1]	11141
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	0
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	11141
PXAccumPrev_Cnt_M_u32[0]	100
PXAccumPrev_Cnt_M_u32[1]	150 19939
PXAccumPrev_Cnt_M_u32[2] Rts_Inst_Sa_CDDInterface	
Rte_Inst_Sa_CDDInterface	tgt_Rte_Inst_Sa_CDDInterface
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	145872 147856
o_nen noorwingora rogrami_on.rzzoo_1.memory.uata_word	245893

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Name	Input Value		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr1_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr1_Volts	_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr2_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr2_Volts	_f32	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32$	tgt_CDDInterface_Per1_CorrMtrCurrPosition	_Rev_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CumMechMtrPos_Rev_f32	tgt_CDDInterface_Per1_CumMechMtrPos_R	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxError_Cnt_u16 tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_	tgt_CDDInterface_Per1_Die1RxError_Cnt_u' target_CDDInterface_Per1_Die1UnderVoltgF		
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 Die1RxMtrPos Cnt u16	tgt CDDInterface Per1 Die1RxMtrPos Cnt		
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 Die1RxRevCtr Cnt u16	tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxError_Cnt_u16	tgt_CDDInterface_Per1_Die2RxError_Cnt_u		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxMtrPos_Cnt_u16	tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_	u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxRevCtr_Cnt_u16	tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_	<u>u</u> 16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeA_	Cnt_u32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeB_	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeC_	-	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_LRPRPhaseadvanceCaptured_	tgt_CDDInterface_Per1_LRPRPhaseadvance		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32 tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeA_ tgt_CDDInterface_Per1_MeasuredOnTimeB	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeD_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeC_	-	
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 MechMtrPos1TimeStamp USe		_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MechMtrPos2TimeStamp_USe			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ModIdxFinal_Uls_f32	tgt_CDDInterface_Per1_ModIdxFinal_Uls_f3:		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrDax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrDax_Amp_f3		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK1_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32	2	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK2_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32	2	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32	tgt_CDDInterface_Per1_MtrCurrQaxFinalRef	_Amp_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrQax_Amp_f3		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCVSwitchADC_Cnt_u16	tgt_CDDInterface_Per1_SysCVSwitchADC_0	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCorrectedElecMtrPos_Rev_	tgt_CDDInterface_Per1_SysCorrectedElecMi		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_UncorrMechMtrPos1_Rev_u0p Name	tgt_CDDInterface_Per1_UncorrMechMtrPos1 Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	1	1	ixesuit
PXAccumPrev Cnt M u32[0]	18234	18234	_
	18482	18482	~
PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2]	18482 30736		~
PXAccumPrev_Cnt_M_u32[1]		18482	
PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2]	30736	18482 30736	
PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	30736 3567	18482 30736 3567	***
PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurrPosition_Rev_f32.value	30736 3567 0.003822 0.003822 5503.16992	18482 30736 3567 0.003822 ± 0.0625 0.003822 ± 0.0625 5503.16992	· · · · · · · · · · · · · · · · · · ·
PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value	30736 3567 0.003822 0.003822 5503.16992 0.149993896	18482 30736 3567 0.003822 ± 0.0625 0.003822 ± 0.0625 5503.16992 0.149993896	***
PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value	30736 3567 0.003822 0.003822 5503.16992 0.149993896 9830	18482 30736 3567 0.003822 ± 0.0625 0.003822 ± 0.0625 5503.16992 0.149993896 9830	· · · · · · · · · · · · · · · · · · ·
PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CurmMechMtrPos_Rev_f32.value	30736 3567 0.003822 0.003822 5503.16992 0.149993896 9830 -0.119995117	18482 30736 3567 0.003822 ± 0.0625 0.003822 ± 0.0625 5503.16992 0.149993896 9830 -0.119995117 ± 0.0625	· · · · · · · · · · · · · · · · · · ·
PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value	30736 3567 0.003822 0.003822 5503.16992 0.149993896 9830 -0.119995117	18482 30736 3567 0.003822 ± 0.0625 0.003822 ± 0.0625 5503.16992 0.149993896 9830 -0.119995117 ± 0.0625	· · · · · · · · · · · · · · · · · · ·
PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value	30736 3567 0.003822 0.003822 5503.16992 0.149993896 9830 -0.119995117 190	18482 30736 3567 0.003822 ± 0.0625 0.003822 ± 0.0625 5503.16992 0.149993896 9830 -0.119995117 ± 0.0625	· · · · · · · · · · · · · · · · · · ·
PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value	30736 3567 0.003822 0.003822 5503.16992 0.149993896 9830 -0.119995117	18482 30736 3567 0.003822 ± 0.0625 0.003822 ± 0.0625 5503.16992 0.149993896 9830 -0.119995117 ± 0.0625 190 5628	· · · · · · · · · · · · · · · · · · ·
PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value	30736 3567 0.003822 0.003822 5503.16992 0.149993896 9830 -0.119995117 190 5628 2720	18482 30736 3567 0.003822 ± 0.0625 0.003822 ± 0.0625 5503.16992 0.149993896 9830 -0.119995117 ± 0.0625 190 5628 2720	· · · · · · · · · · · · · · · · · · ·
PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value	30736 3567 0.003822 0.003822 5503.16992 0.149993896 9830 -0.119995117 190 5628 2720 2841	18482 30736 3567 0.003822 ± 0.0625 0.003822 ± 0.0625 5503.16992 0.149993896 9830 -0.119995117 ± 0.0625 190 5628 2720 2841	***************************************
PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value	30736 3567 0.003822 0.003822 5503.16992 0.149993896 9830 -0.119995117 190 5628 2720 2841 5745	18482 30736 3567 0.003822 ± 0.0625 0.003822 ± 0.0625 5503.16992 0.149993896 9830 -0.119995117 ± 0.0625 190 5628 2720 2841 5745	· · · · · · · · · · · · · · · · · · ·
PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value	30736 3567 0.003822 0.003822 5503.16992 0.149993896 9830 -0.119995117 190 5628 2720 2841 5745 2599 3083 1873	18482 30736 3567 0.003822 ± 0.0625 0.003822 ± 0.0625 5503.16992 0.149993896 9830 -0.119995117 ± 0.0625 190 5628 2720 2841 5745 2599 3083 1873	· · · · · · · · · · · · · · · · · · ·
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PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxEvCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_HexpertedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value	30736 3567 0.003822 0.003822 5503.16992 0.149993896 9830 -0.119995117 190 5628 2720 2841 5745 2599 3083 1873 3930 23 18134 18332 10797 4530 2841	18482 30736 3567 0.003822 ± 0.0625 0.003822 ± 0.0625 5503.16992 0.149993896 9830 -0.119995117 ± 0.0625 190 5628 2720 2841 5745 2599 3083 1873 3930 23 18134 18332 10797 4530 2841	· · · · · · · · · · · · · · · · · · ·
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Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
CDDPorts_ClearPhsReasSum	1	CDDPorts_ClearPhsReasSum	1	~

Test Step 2.19 (Repeat Count = 1)	✓
Name	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16	1
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	5624.16992
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	8088.27979
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	0
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	11141
CDD_CumMechMtrPos_Rev_G_s15p16[0]	19005
CDD_CumMechMtrPos_Rev_G_s15p16[1]	20316
CDD_Die1RxError_Cnt_G_u16[0]	2962 3974
CDD_Die1RxError_Cnt_G_u16[1] CDD_Die1RxMtrPos_Cnt_G_u16[0]	2599
CDD_Die1RxMtrPos_Cnt_G_u16[1]	3413
CDD_Die1RxRevCtr_Cnt_G_u16[0]	2841
CDD_Die1RxRevCtr_Cnt_G_u16[1]	3787
CDD_Die2RxError_Cnt_G_u16[0]	190
CDD_Die2RxError_Cnt_G_u16[1]	192
CDD_Die2RxMtrPos_Cnt_G_u16[0]	5628
CDD_Die2RxMtrPos_Cnt_G_u16[1]	8097
CDD_Die2RxRevCtr_Cnt_G_u16[0]	2720
CDD_Die2RxRevCtr_Cnt_G_u16[1]	3600
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	238
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	480
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0]	190
CDD_MechMtrPos2TimeStamp_uSec_G_u32[1]	192
CDD_ModIdxFinal_Uls_G_u16p16[0]	43234
CDD_ModIdxFinal_Uls_G_u16p16[1]	43240
CDD_MtrCurr1_Volts_G_f32[0]	4.00407696
CDD_MtrCurr1_Volts_G_f32[1]	2.00407672
CDD_MtrCurr2_Volts_G_f32[0]	4.00407696
CDD_MtrCurr2_Volts_G_f32[1] CDD_MtrCurrDay_Amp_C_f32[0]	2.00407672 -220
CDD_MtrCurrDax_Amp_G_f32[0] CDD_MtrCurrDax_Amp_G_f32[1]	-220 -220
CDD_MtrCurrK1_Amps_G_f32[0]	59.2700005
CDD_MtrCurrK1_Amps_G_f32[1]	67.8899994
CDD_MtrCurrK2_Amps_G_f32[0]	-27.3700008
CDD_MtrCurrK2_Amps_G_f32[1]	-32.0800018
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	145.619995
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	219.199997
CDD_MtrCurrQax_Amp_G_f32[0]	-218.240005
CDD_MtrCurrQax_Amp_G_f32[1]	-144.320007
CDD_PWMDutyCycleASum_Cnt_G_u32[0]	3204
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	4348
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	1994
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	2478
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	3889
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	5287
CDD_PhaseAdvFinal_Cnt_G_u16[0] CDD_PhaseAdvFinal_Cnt_G_u16[1]	262 648
CDD RxMtrPos1ParityAccum Cnt G u16[0]	5745
CDD RxMtrPos1ParityAccum Cnt G u16[1]	8275
CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[0]	3688
CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[1]	5096
CDD_SysCVSwitchADC_Cnt_G_u16[0]	4530
CDD_SysCVSwitchADC_Cnt_G_u16[1]	5471
CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[0]	0
CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[1]	11796
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	0
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	11796
PXAccumPrev_Cnt_M_u32[0]	126
PXAccumPrev_Cnt_M_u32[1]	156
PXAccumPrev_Cnt_M_u32[2]	21164
Rte_Inst_Sa_CDDInterface	tgt_Rte_Inst_Sa_CDDInterface
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	145879
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	245893 145900
C.T.E.T. NOOTWIN_OTT. FORCO_T. ITERITORY. udata_word	170000

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Name	Input Value		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr1_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr1_Volts	_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr2_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr2_Volts	_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32	tgt_CDDInterface_Per1_CorrMtrCurrPosition	_Rev_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CumMechMtrPos_Rev_f32	tgt_CDDInterface_Per1_CumMechMtrPos_R	-	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxError_Cnt_u16 tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_	tgt_CDDInterface_Per1_Die1RxError_Cnt_u target_CDDInterface_Per1_Die1UnderVoltgF		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxMtrPos_Cnt_u16	tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_		
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 Die1RxRevCtr Cnt u16	tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxError_Cnt_u16	tgt_CDDInterface_Per1_Die2RxError_Cnt_u		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxMtrPos_Cnt_u16	tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_	_u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxRevCtr_Cnt_u16	tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_	<u>u</u> 16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeA_	Cnt_u32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeB_	-	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeC_	-	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_LRPRPhaseadvanceCaptured_	tgt_CDDInterface_Per1_LRPRPhaseadvance		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32 tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeA_ tgt_CDDInterface_Per1_MeasuredOnTimeB	_	
tgt Rte Inst Sa CDDInterface.CDDInterface Perl MeasuredOnTimeC Cnt u32	tgt_CDDInterface_Per1_MeasuredOnTimeC		
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 MechMtrPos1TimeStamp USe			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MechMtrPos2TimeStamp_USe			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ModIdxFinal_Uls_f32	tgt_CDDInterface_Per1_ModIdxFinal_Uls_f3.		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrDax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrDax_Amp_f3		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK1_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32	2	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK2_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32	2	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32	tgt_CDDInterface_Per1_MtrCurrQaxFinalRef	_Amp_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrQax_Amp_f3		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCVSwitchADC_Cnt_u16	tgt_CDDInterface_Per1_SysCVSwitchADC_0	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCorrectedElecMtrPos_Rev_ tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_UncorrMechMtrPos1_Rev_u0p	tgt_CDDInterface_Per1_SysCorrectedElecM		
Name	tgt_CDDInterface_Per1_UncorrMechMtrPos1 Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	0	0	Kesuit
PXAccumPrev Cnt M u32[0]	18234	18234	~
PXAccumPrev_Cnt_M_u32[1]	30736	30736	~
PXAccumPrev_Cnt_M_u32[2]	18237	18237	✓
target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value			
target_ODDInterlace_ren_Die ronder volignitAccum_ont_uno.value	5096	5096	~
tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value	5096 2.00407672	5096 2.00407672 ± 0.0625	~
tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value	2.00407672 2.00407672	2.00407672 ± 0.0625 2.00407672 ± 0.0625	~
tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value	2.00407672 2.00407672 8088.27979	2.00407672 ± 0.0625 2.00407672 ± 0.0625 8088.27979	· ·
tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value	2.00407672 2.00407672 8088.27979 0.169998169	2.00407672 ± 0.0625 2.00407672 ± 0.0625 8088.27979 0.169998169	· ·
tgl_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value	2.00407672 2.00407672 8088.27979 0.169998169 11141	2.00407672 ± 0.0625 2.00407672 ± 0.0625 8088.27979 0.169998169 11141	· ·
tgl_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CurmMechMtrPos_Rev_f32.value	2.00407672 2.00407672 8088.27979 0.169998169 11141 0.309997559	2.00407672 ± 0.0625 2.00407672 ± 0.0625 8088.27979 0.169998169 11141 0.309997559 ± 0.0625	*
tgl_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value	2.00407672 2.00407672 8088.27979 0.169998169 11141 0.309997559 3974	2.00407672 ± 0.0625 2.00407672 ± 0.0625 8088.27979 0.169998169 11141 0.309997559 ± 0.0625 3974	· ·
tgl_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value	2.00407672 2.00407672 8088.27979 0.169998169 11141 0.309997559 3974	2.00407672 ± 0.0625 2.00407672 ± 0.0625 8088.27979 0.169998169 11141 0.309997559 ± 0.0625	· · · · · · · · · · · · · · · · · · ·
tgl_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value	2.00407672 2.00407672 8088.27979 0.169998169 11141 0.309997559 3974	2.00407672 ± 0.0625 2.00407672 ± 0.0625 8088.27979 0.169998169 11141 0.309997559 ± 0.0625 3974	· · · · · · · · · · · · · · · · · · ·
tgl_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value	2.00407672 2.00407672 8088.27979 0.169998169 11141 0.309997559 3974 3413	2.00407672 ± 0.0625 2.00407672 ± 0.0625 8088.27979 0.169998169 11141 0.309997559 ± 0.0625 3974 3413	· · · · · · · · · · · · · · · · · · ·
tgl_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value	2.00407672 2.00407672 8088.27979 0.169998169 11141 0.309997559 3974 3413 3787	2.00407672 ± 0.0625 2.00407672 ± 0.0625 8088.27979 0.169998169 11141 0.309997559 ± 0.0625 3974 3413 3787 192	· · · · · · · · · · · · · · · · · · ·
tgl_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgl_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgl_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value tgl_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_g32.value tgl_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgl_CDDInterface_Per1_CumMechMtrPos_Rev_g32.value tgl_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgl_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgl_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgl_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgl_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgl_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgl_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgl_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgl_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgl_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgl_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value	2.00407672 2.00407672 8088.27979 0.169998169 11141 0.309997559 3974 3413 3787 192	2.00407672 ± 0.0625 2.00407672 ± 0.0625 8088.27979 0.169998169 11141 0.309997559 ± 0.0625 3974 3413 3787 192 8097	· · · · · · · · · · · · · · · · · · ·
tgl_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgl_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgl_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value tgl_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgl_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgl_CDDInterface_Per1_CumMechMtrPos_Rev_g32.value tgl_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgl_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgl_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgl_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgl_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgl_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgl_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgl_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgl_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgl_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgl_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value	2.00407672 2.00407672 8088.27979 0.169998169 11141 0.309997559 3974 3413 3787 192 8097 3600 4348 2478	2.00407672 ± 0.0625 2.00407672 ± 0.0625 8088.27979 0.169998169 11141 0.309997559 ± 0.0625 3974 3413 3787 192 8097 3600 4348 2478	***************************************
tgl_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgl_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgl_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value tgl_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgl_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgl_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgl_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgl_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgl_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgl_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgl_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgl_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgl_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgl_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgl_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgl_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgl_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgl_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value	2.00407672 2.00407672 8088.27979 0.169998169 11141 0.309997559 3974 3413 3787 192 8097 3600 4348 2478	2.00407672 ± 0.0625 2.00407672 ± 0.0625 8088.27979 0.169998169 11141 0.309997559 ± 0.0625 3974 3413 3787 192 8097 3600 4348 2478 5287	***************************************
tgl_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgl_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgl_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value tgl_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgl_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgl_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgl_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgl_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgl_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgl_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgl_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgl_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgl_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgl_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgl_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgl_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgl_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgl_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgl_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value	2.00407672 2.00407672 8088.27979 0.169998169 11141 0.309997559 3974 3413 3787 192 8097 3600 4348 2478 5287 60	2.00407672 ± 0.0625 2.00407672 ± 0.0625 8088.27979 0.169998169 11141 0.309997559 ± 0.0625 3974 3413 3787 192 8097 3600 4348 2478 5287 60	***************************************
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tgl_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Eipe2tedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value	2.00407672 2.00407672 8088.27979 0.169998169 11141 0.309997559 3974 3413 3787 192 8097 3600 4348 2478 5287 60 18108 30580 536867985 480 192 0.659790039 -220	2.00407672 ± 0.0625 2.00407672 ± 0.0625 8088.27979 0.169998169 11141 0.309997559 ± 0.0625 3974 3413 3787 192 8097 3600 4348 2478 55287 60 18108 30580 536867985 480 192 0.659805298 ± 0.0625 -220	***************************************
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tgl_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgl_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgl_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value tgl_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgl_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgl_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgl_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgl_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgl_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgl_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgl_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgl_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgl_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgl_CDDInterface_Per1_Die2RxRevCtr_Cnt_u13.value tgl_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgl_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgl_CDDInterface_Per1_RPRPhaseadvanceCaptured_Cnt_s16.value tgl_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgl_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgl_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgl_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgl_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgl_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgl_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgl_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgl_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgl_CDDInterface_Per1_ModIdxFinal_UIs_f32.value tgl_CDDInterface_Per1_ModIdxFinal_UIs_f32.value tgl_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgl_CDDInterface_Per1_MtrCurrCax_FinalRef_Amp_f32.value tgl_CDDInterface_Per1_MtrCurrQax_FinalRef_Amp_f32.value tgl_CDDInterface_Per1_MtrCurrQax_FinalRef_Amp_f32.value	2.00407672 2.00407672 8088.27979 0.169998169 11141 0.309997559 3974 3413 3787 192 8097 3600 4348 2478 5287 60 18108 30580 536867985 480 192 0.659790039 -220 67.8899994 -32.0800018 219.199997 -144.320007	2.00407672 ± 0.0625 2.00407672 ± 0.0625 8088.27979 0.169998169 11141 0.309997559 ± 0.0625 3974 3413 3787 192 8097 3600 4348 2478 5287 60 18108 30580 536867985 480 192 0.659805298 ± 0.0625 -220 67.8899994 -32.0800018 219.199997 -144.320007	· · · · · · · · · · · · · · · · · · ·
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Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
CDDPorts ClearPhsReasSum	1	CDDPorts ClearPhsReasSum	1	~

Test Step 2.20 (Repeat Count = 1)	
Name	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16	1
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	5745.14014
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	8275.25
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	0
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	11796
CDD_CumMechMtrPos_Rev_G_s15p16[0]	-31457
CDD_CumMechMtrPos_Rev_G_s15p16[1]	-32112
CDD_Die1RxError_Cnt_G_u16[0]	3083
CDD_Die1RxError_Cnt_G_u16[1]	4161
CDD_Die1RxMtrPos_Cnt_G_u16[0]	2720 3600
CDD_Die1RxMtrPos_Cnt_G_u16[1] CDD_Die1RxRevCtr_Cnt_G_u16[0]	190
CDD_Die1RxRevCtr_Cnt_G_u16[1]	192
CDD_Die2RxError_Cnt_G_u16[0]	2962
CDD_Die2RxError_Cnt_G_u16[1]	3974
CDD_Die2RxMtrPos_Cnt_G_u16[0]	2599
CDD_Die2RxMtrPos_Cnt_G_u16[1]	3413
CDD_Die2RxRevCtr_Cnt_G_u16[0]	2841
CDD_Die2RxRevCtr_Cnt_G_u16[1]	3787
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	2962
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	3974
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0]	2962
CDD_MechMtrPos2TimeStamp_uSec_G_u32[1]	3974
CDD_ModIdxFinal_Uls_G_u16p16[0]	8139
CDD_ModIdxFinal_Uls_G_u16p16[1]	8146
CDD_MtrCurr1_Volts_G_f32[0]	2.00433159
CDD_MtrCurr1_Volts_G_f32[1]	1.00433159 2.00433159
CDD_MtrCurr2_Volts_G_f32[0] CDD_MtrCurr2_Volts_G_f32[1]	1.00433159
CDD_MtrCurrDax_Amp_G_f32[0]	220
CDD_MtrCurrDax_Amp_G_f32[1]	220
CDD_MtrCurrK1_Amps_G_f32[0]	-74
CDD_MtrCurrK1_Amps_G_f32[1]	-64
CDD_MtrCurrK2_Amps_G_f32[0]	-28.1499996
CDD_MtrCurrK2_Amps_G_f32[1]	-33.2999992
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	156.229996
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	164.179993
CDD_MtrCurrQax_Amp_G_f32[0]	145.619995
CDD_MtrCurrQax_Amp_G_f32[1]	219.199997
CDD_PWMDutyCycleASum_Cnt_G_u32[0]	3325
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	4535
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	2115
CDD_PWMDutyCycleBSum_Cnt_G_u32[1] CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	2665 4530
CDD_FWMDutyCycleCSum_Cnt_G_u32[0] CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	5471
CDD_PhaseAdvFinal_Cnt_G_u16[0]	270
CDD_PhaseAdvFinal_Cnt_G_u16[1]	704
CDD RxMtrPos1ParityAccum Cnt G u16[0]	5628
CDD_RxMtrPos1ParityAccum_Cnt_G_u16[1]	8097
CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[0]	3809
CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[1]	5283
CDD_SysCVSwitchADC_Cnt_G_u16[0]	238
CDD_SysCVSwitchADC_Cnt_G_u16[1]	480
CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[0]	11796
CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[1]	12452
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	11796
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	12452
PXAccumPrev_Cnt_M_u32[0]	134
PXAccumPrev_Cnt_M_u32[1]	157
PXAccumPrev_Cnt_M_u32[2] Pto_Inst_Sa_CDDInterface	22389
Rte_Inst_Sa_CDDInterface e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	tgt_Rte_Inst_Sa_CDDInterface 145886
e_HETPROGRAM1_UN.Program1_ST.PIACC_1.memory.data_word e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	145900
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	145907

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Name	Input Value		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr1_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr1_Volts	_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr2_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr2_Volts		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32	tgt_CDDInterface_Per1_CorrMtrCurrPosition		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0ptgt Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CumMechMtrPos_Rev_u0ptgt Rte_Inst_Sa_CDDInterface_CDDInterface_Per1_CumMechMtrPos_Rev_u0ptgt Rte_Inst_Sa_CDDInterface_Per1_CumMechMtrPos_Rev_u0ptgt Rte_Inst_Sa_CDDInterface_Per1_CumMechMtrPos_Rev_u0ptgt Rte_Inst_Sa_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0ptgt Rte_Inst_Sa_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0ptgt Rte_Inst_Sa_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0ptgt Rte_Inst_Sa_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0ptgt Rte_Inst_Sa_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0ptgt Rte_Inst_Sa_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0ptgt Rte_Inst_Sa_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0ptgt Rte_Inst_Sa_CDDInterface_Per1_CumMechMtrPos_Rev_u0ptgt Rte_Inst_Sa_CDInterface_Per1_CumMechMtrPos_Rev_u0ptgt Rte_Inst_Sa_CDInterface_Per1_CumMechMtrPos_Rev_u0ptgt Rte_Inst_Sa_CDInterface_Per1_CumMechMtrPos_Rev_u0ptgt Rte_Inst_Sa_CDInterface_Per1_CumMechMtrPos_Rev_u0ptgt Rte_Inst_Sa_CDInterface_Per1_CumMe	tgt CDDInterface Per1 CumMechMtrPos R		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxError_Cnt_u16	tgt_CDDInterface_Per1_Die1RxError_Cnt_u	-	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_	target_CDDInterface_Per1_Die1UnderVoltgF		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxMtrPos_Cnt_u16	tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_	u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxRevCtr_Cnt_u16	tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_	u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxError_Cnt_u16	tgt_CDDInterface_Per1_Die2RxError_Cnt_u	16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxMtrPos_Cnt_u16	tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxRevCtr_Cnt_u16	tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeA_	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeB_	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32 tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_LRPRPhaseadvanceCaptured_	tgt_CDDInterface_Per1_ExpectedOnTimeC_ tgt_CDDInterface_Per1_LRPRPhaseadvance	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeA_		
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 MeasuredOnTimeB Cnt u32	tgt CDDInterface Per1 MeasuredOnTimeB	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeC_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MechMtrPos1TimeStamp_USec	tgt_CDDInterface_Per1_MechMtrPos1TimeS	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MechMtrPos2TimeStamp_USer	tgt_CDDInterface_Per1_MechMtrPos2TimeS	tamp_USec_u32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ModIdxFinal_Uls_f32	tgt_CDDInterface_Per1_ModIdxFinal_Uls_f3:	2	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrDax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrDax_Amp_f3	32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK1_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32	2	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK2_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32	tgt_CDDInterface_Per1_MtrCurrQaxFinalRef		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrQax_Amp_f3		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCVSwitchADC_Cnt_u16	tgt_CDDInterface_Per1_RxMtrPos1ParityAcc tgt_CDDInterface_Per1_SysCVSwitchADC_0		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCorrectedElecMtrPos_Rev_	tgt_CDDInterface_Per1_SysCorrectedElecMi	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_UncorrMechMtrPos1_Rev_u0p	tgt_CDDInterface_Per1_UncorrMechMtrPos1		
3 2	0		
Name	Actual Value	Expected Value	Result
Name CDD CDDDataAccessBfr Cnt G u16	Actual Value	Expected Value	Result
Name CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0]		•	•
CDD_CDDDataAccessBfr_Cnt_G_u16	0	0	
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0]	0 18235	0 18235	•
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	0 18235 18237 18238 5283	0 18235 18237 18238 5283	
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value	0 18235 18237 18238 5283 1.00433159	0 18235 18237 18238 5283 1.00433159 ± 0.0625	•
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value	0 18235 18237 18238 5283 1.00433159 1.00433159	0 18235 18237 18238 5283 1.00433159 ± 0.0625 1.00433159 ± 0.0625	
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value	0 18235 18237 18238 5283 1.00433159 1.00433159 8275.25	0 18235 18237 18238 5283 1.00433159 ± 0.0625 1.00433159 ± 0.0625 8275.25	0
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value	0 18235 18237 18238 5283 1.00433159 1.00433159 8275.25 0.179992676	0 18235 18237 18238 5283 1.00433159 ± 0.0625 1.00433159 ± 0.0625 8275.25 0.179992676	
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value	0 18235 18237 18238 5283 1.00433159 1.00433159 8275.25 0.179992676 11796	0 18235 18237 18238 5283 1.00433159 ± 0.0625 1.00433159 ± 0.0625 8275.25 0.179992676 11796	
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value	0 18235 18237 18238 5283 1.00433159 1.00433159 8275.25 0.179992676 11796 -0.489990234	0 18235 18237 18238 5283 1.00433159 ± 0.0625 1.00433159 ± 0.0625 8275.25 0.179992676 11796 -0.490005493 ± 0.0625	
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value	0 18235 18237 18238 5283 1.00433159 1.00433159 8275.25 0.179992676 11796	0 18235 18237 18238 5283 1.00433159 ± 0.0625 1.00433159 ± 0.0625 8275.25 0.179992676 11796	
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value	0 18235 18237 18238 5283 1.00433159 1.00433159 8275.25 0.179992676 11796 -0.489990234 4161	0 18235 18237 18238 5283 1.00433159 ± 0.0625 1.00433159 ± 0.0625 8275.25 0.179992676 11796 -0.490005493 ± 0.0625 4161	
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value	0 18235 18237 18238 5283 1.00433159 1.00433159 8275.25 0.179992676 11796 -0.489990234 4161 3600	0 18235 18237 18238 5283 1.00433159 ± 0.0625 1.00433159 ± 0.0625 8275.25 0.179992676 11796 -0.490005493 ± 0.0625 4161 3600	
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value	0 18235 18237 18238 5283 1.00433159 1.00433159 8275.25 0.179992676 11796 -0.489990234 4161 3600 192	0 18235 18237 18238 5283 1.00433159 ± 0.0625 1.00433159 ± 0.0625 8275.25 0.179992676 11796 -0.490005493 ± 0.0625 4161 3600 192	
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRvCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRvCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRvCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRvCtr_Cnt_u16.value	0 18235 18237 18238 5283 1.00433159 1.00433159 8275.25 0.179992676 11796 -0.489990234 4161 3600 192 3974 3413 3787	0 18235 18237 18238 5283 1.00433159 ± 0.0625 1.00433159 ± 0.0625 8275.25 0.179992676 11796 -0.490005493 ± 0.0625 4161 3600 192 3974 3413 3787	
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CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeS_Cnt_u32.value tgt_CDDInterface_Per1_MesuredOnTimeS_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MrCurrK1_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_FinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_FinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_FinalRef_Amp_f32.value	0 18235 18237 18238 5283 1.00433159 1.00433159 8275.25 0.179992676 11796 -0.489990234 4161 3600 192 3974 3413 3787 4535 2665 5471 66 18101 18080 536866761 3974 3974 0.124298096 220 -64 -33.2999992 164.179993 219.199997	0 18235 18237 18238 5283 1.00433159 ± 0.0625 1.00433159 ± 0.0625 8275.25 0.179992676 11796 -0.490005493 ± 0.0625 4161 3600 192 3974 3413 3787 4535 2665 5471 66 18101 18080 536866761 3974 3974 0.124298096 ± 0.0625 220 -64 -33.2999992 164.179993 219.199997	



Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
CDDPorts ClearPhsReasSum	1	CDDPorts ClearPhsReasSum	1	~

Fest Step 2.21 (Repeat Count = 1)	In the Avelor
Name	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16	0
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	5628.27979
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	8097.25
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	11796
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	12451 3276
CDD_CumMechMtrPos_Rev_G_s15p16[0]	
CDD_CumMechMtrPos_Rev_G_s15p16[1] CDD_Die1RxError_Cnt_G_u16[0]	4456 3204
CDD_Die1RxError_Cnt_G_u16[1]	4348
CDD_Die1RxMtrPos_Cnt_G_u16[0]	2841 3787
CDD_Die1RxMtrPos_Cnt_G_u16[1] CDD_Die1RxRevCtr_Cnt_G_u16[0]	2962
CDD_Die1RxRevCtr_Cnt_G_u16[1]	3974
CDD_Die2RxError_Cnt_G_u16[0]	3083
CDD_Die2RxError_Cnt_G_u16[1]	4161
CDD_Die2RxMtrPos_Cnt_G_u16[0]	2720
DD_Die2RxMtrPos_Cnt_G_u16[1]	3600
CDD_Die2RxRevCtr_Cnt_G_u16[0]	190
CDD_Die2RxRevCtr_Cnt_G_u16[1]	192
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	3083
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	4161
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0]	3083
CDD_MechMtrPos2TimeStamp_uSec_G_u32[1]	4161
CDD_ModIdxFinal_Uls_G_u16p16[0]	16148
CDD_ModIdxFinal_Uls_G_u16p16[1]	16154
CDD_MtrCurr1_Volts_G_f32[0]	2.00458646
CDD_MtrCurr1_Volts_G_f32[1]	1.00458646
CDD_MtrCurr2_Volts_G_f32[0]	1.00458646
CDD_MtrCurr2_Volts_G_f32[1]	2.00458646
CDD_MtrCurrDax_Amp_G_f32[0]	0
CDD_MtrCurrDax_Amp_G_f32[1]	0
CDD_MtrCurrK1_Amps_G_f32[0]	75.5
CDD_MtrCurrK1_Amps_G_f32[1]	83.8000031
CDD_MtrCurrK2_Amps_G_f32[0]	34.5200005
CDD_MtrCurrK2_Amps_G_f32[1]	28.9300003
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	165.470001
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	174.580002
CDD_MtrCurrQax_Amp_G_f32[0]	156.229996
CDD_MtrCurrQax_Amp_G_f32[1]	164.179993
CDD_PWMDutyCycleASum_Cnt_G_u32[0]	3446
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	4722
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	158
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	160
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	238
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	480
CDD_PhaseAdvFinal_Cnt_G_u16[0]	6567
CDD_PhaseAdvFinal_Cnt_G_u16[1]	8910
CDD_RxMtrPos1ParityAccum_Cnt_G_u16[0]	2599
CDD_RxMtrPos1ParityAccum_Cnt_G_u16[1]	3413
CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[0]	3930
DD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[1]	5470
DD_SysCVSwitchADC_Cnt_G_u16[0]	2962
DD_SysCVSwitchADC_Cnt_G_u16[1]	3974
DD_SysCorrectedElecMtrPos_Rev_G_u0p16[0]	0
DD_SysCorrectedElecMtrPos_Rev_G_u0p16[1]	13107
DD_UncorrMechMtrPos1_Rev_G_u0p16[0]	0
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	13107
XAccumPrev_Cnt_M_u32[0]	142
XAccumPrev_Cnt_M_u32[1]	158
PXAccumPrev_Cnt_M_u32[2]	23614
Rte_Inst_Sa_CDDInterface	tgt_Rte_Inst_Sa_CDDInterface
_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	245893
_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	145907

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Name	Input Value		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr1_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr1_Volts	_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr2_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr2_Volts	_f32	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32$	tgt_CDDInterface_Per1_CorrMtrCurrPosition	_Rev_f32	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPosFloat_Revenue and the property of the prop$			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CumMechMtrPos_Rev_f32	tgt_CDDInterface_Per1_CumMechMtrPos_R	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxError_Cnt_u16 tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_	tgt_CDDInterface_Per1_Die1RxError_Cnt_u- target_CDDInterface_Per1_Die1UnderVoltgF		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxMtrPos_Cnt_u16	tgt CDDInterface Per1 Die1RxMtrPos Cnt		
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 Die1RxRevCtr Cnt u16	tgt CDDInterface Per1 Die1RxRevCtr Cnt		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxError_Cnt_u16	tgt_CDDInterface_Per1_Die2RxError_Cnt_u	- 16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxMtrPos_Cnt_u16	tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_	_u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxRevCtr_Cnt_u16	tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_	_u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeA_	Cnt_u32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeB_	· -	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeC_	-	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_LRPRPhaseadvanceCaptured_	tgt_CDDInterface_Per1_LRPRPhaseadvance		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32 tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeA_ tgt_CDDInterface_Per1_MeasuredOnTimeB_	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeC		
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 MechMtrPos1TimeStamp USe			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MechMtrPos2TimeStamp_USe			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ModIdxFinal_Uls_f32	tgt_CDDInterface_Per1_ModIdxFinal_Uls_f3.		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrDax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrDax_Amp_f3		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK1_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32	2	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK2_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32	2	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32	tgt_CDDInterface_Per1_MtrCurrQaxFinalRef		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrQax_Amp_f3		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCVSwitchADC_Cnt_u16	tgt_CDDInterface_Per1_SysCVSwitchADC_0	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCorrectedElecMtrPos_Rev_ tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_UncorrMechMtrPos1_Rev_u0p	tgt_CDDInterface_Per1_SysCorrectedElecM tgt_CDDInterface_Per1_UncorrMechMtrPos1		
Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	1	1	ixesuit
PXAccumPrev Cnt M u32[0]	30736	30736	~
PXAccumPrev_Cnt_M_u32[1]	18238	18238	~
PXAccumPrev_Cnt_M_u32[2]	43239	43239	~
target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	3930	3930	~
tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value	2.00458646	2.00458646 ± 0.0625	~
tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value	1.00458646	1.00458646 ± 0.0625	~
tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value	5628.27979	5628.27979	V
tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value	0.179992676	0.179992676	~
tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value	0.049987793	11796 0.0500030518 ± 0.0625	
tgt CDDInterface Per1 Die1RxError Cnt u16.value	3204	3204	~
tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value	2841	2841	~
tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value	2962	2962	~
tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value	3083	3083	~
tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value	2720	2720	•
tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value	190	190	~
tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value			✓
tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value	3446	3446	•
	158	158	~
tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value	158 238	158 238	~
tgt_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value	158 238 615	158 238 615	y
tgt_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value	158 238 615 30594	158 238 615 30594	· · · · ·
tgt_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value	158 238 615 30594 18080	158 238 615 30594 18080	· · · · · ·
tgt_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value	158 238 615 30594	158 238 615 30594	· · · · ·
tgt_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value	158 238 615 30594 18080 19625	158 238 615 30594 18080 19625	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
tgl_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value	158 238 615 30594 18080 19625 3083	158 238 615 30594 18080 19625 3083))))
tgl_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value	158 238 615 30594 18080 19625 3083 3083	158 238 615 30594 18080 19625 3083 3083	· · · · · · · · · · · · · · · · · · ·
tgl_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_ModIdxFinal_UIs_f32.value	158 238 615 30594 18080 19625 3083 3083 0.246398926	158 238 615 30594 18080 19625 3083 3083 0.246398926 ± 0.0625	> > > > > > > > > > > > > > > > > > >
tgl_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_ModldxFinal_UIs_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value	158 238 615 30594 18080 19625 3083 3083 0.246398926 0 75.5 34.5200005	158 238 615 30594 18080 19625 3083 3083 0.246398926 ± 0.0625 0 75.5 34.5200005	> > > > > > > > > > > > > > > > > > >
tgl_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MedidxFinal_UIs_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value	158 238 615 30594 18080 19625 3083 3083 0.246398926 0 75.5 34.5200005 165.470001	158 238 615 30594 18080 19625 3083 3083 0.246398926 ± 0.0625 0 75.5 34.5200005 165.470001	> > > > > > > > > > > > > > > > > > >
tgl_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MedidxFinal_UIs_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value	158 238 615 30594 18080 19625 3083 3083 0.246398926 0 75.5 34.5200005 165.470001 156.229996	158 238 615 30594 18080 19625 3083 3083 0.246398926 ± 0.0625 0 75.5 34.5200005 165.470001 156.229996	> > > > > > > > > > > > > > > > > > >
tgl_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_ModldxFinal_UIs_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u16.value	158 238 615 30594 18080 19625 3083 3083 0.246398926 0 75.5 34.5200005 165.470001 156.229996 2599	158 238 615 30594 18080 19625 3083 3083 0.246398926 ± 0.0625 0 75.5 34.5200005 165.470001 156.229996 2599	> > > > > > > > > > > > > > > > > > >
tgl_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrCaxFinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u16.value tgt_CDDInterface_Per1_SysCVSwitchADC_Cnt_u16.value	158 238 615 30594 18080 19625 3083 3083 0.246398926 0 75.5 34.5200005 165.470001 156.229996 2599 2962	158 238 615 30594 18080 19625 3083 3083 0.246398926 ± 0.0625 0 75.5 34.5200005 165.470001 156.229996 2599 2962	> > > > > > > > > > > > > > > > > > > >
tgl_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_ModldxFinal_UIs_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u16.value	158 238 615 30594 18080 19625 3083 3083 0.246398926 0 75.5 34.5200005 165.470001 156.229996 2599	158 238 615 30594 18080 19625 3083 3083 0.246398926 ± 0.0625 0 75.5 34.5200005 165.470001 156.229996 2599	>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>





Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
CDDPorts_ClearPhsReasSum	1	CDDPorts_ClearPhsReasSum	1	~

Test Step 2.22 (Repeat Count = 1)	√
Name	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16	0
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	5628.27979
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	8097.25
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	11796
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	12451
CDD_CumMechMtrPos_Rev_G_s15p16[0]	3276
CDD_CumMechMtrPos_Rev_G_s15p16[1]	4456
CDD_Die1RxError_Cnt_G_u16[0]	3204
CDD_Die1RxError_Cnt_G_u16[1] CDD_Die1RxMtrPos_Cnt_G_u16[0]	4348 2841
CDD_Die1RxMtrPos_Cnt_G_u16[1]	3787
CDD_Die1RxRevCtr_Cnt_G_u16[0]	2962
CDD_Die1RxRevCtr_Cnt_G_u16[1]	3974
CDD_Die2RxError_Cnt_G_u16[0]	3083
CDD_Die2RxError_Cnt_G_u16[1]	4161
CDD_Die2RxMtrPos_Cnt_G_u16[0]	2720
CDD_Die2RxMtrPos_Cnt_G_u16[1]	3600
CDD_Die2RxRevCtr_Cnt_G_u16[0]	190
CDD_Die2RxRevCtr_Cnt_G_u16[1]	192
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	3083
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	4161
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0]	3083
CDD_MechMtrPos2TimeStamp_uSec_G_u32[1]	4161
CDD_ModIdxFinal_Uls_G_u16p16[0]	16148 16154
CDD_ModldxFinal_Uls_G_u16p16[1] CDD MtrCurr1 Volts G f32[0]	2.00458646
CDD_MtrCurr1_Volts_G_f32[1]	1.00458646
CDD_MtrCurr2_Volts_G_f32[0]	1.00458646
CDD_MtrCurr2_Volts_G_f32[1]	2.00458646
CDD_MtrCurrDax_Amp_G_f32[0]	120.000252
CDD_MtrCurrDax_Amp_G_f32[1]	121.000252
CDD_MtrCurrK1_Amps_G_f32[0]	75.5
CDD_MtrCurrK1_Amps_G_f32[1]	83.8000031
CDD_MtrCurrK2_Amps_G_f32[0]	34.5200005
CDD_MtrCurrK2_Amps_G_f32[1]	28.9300003
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	165.470001
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	174.580002
CDD_MtrCurrQax_Amp_G_f32[0]	156.229996
CDD_MtrCurrQax_Amp_G_f32[1]	164.179993
CDD_PWMDutyCycleASum_Cnt_G_u32[0]	3446 4722
CDD_PWMDutyCycleASum_Cnt_G_u32[1] CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	158
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	160
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	238
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	480
CDD_PhaseAdvFinal_Cnt_G_u16[0]	6567
CDD_PhaseAdvFinal_Cnt_G_u16[1]	8910
CDD_RxMtrPos1ParityAccum_Cnt_G_u16[0]	2599
CDD_RxMtrPos1ParityAccum_Cnt_G_u16[1]	3413
CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[0]	3889
CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[1]	5287
CDD_SysCVSwitchADC_Cnt_G_u16[0]	2962
CDD_SysCVSwitchADC_Cnt_G_u16[1]	3974
CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[0]	0
CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[1]	13107
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	0
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	13107
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1]	142 158
PXAccumPrev_Cnt_M_u32[2]	23614
Rte_Inst_Sa_CDDInterface	tgt_Rte_Inst_Sa_CDDInterface
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	245893
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	145907
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	345914

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Name	Input Value		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr1_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr1_Volts	_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr2_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr2_Volts	_f32	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32$	tgt_CDDInterface_Per1_CorrMtrCurrPosition	_Rev_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CumMechMtrPos_Rev_f32	tgt_CDDInterface_Per1_CumMechMtrPos_R	-	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxError_Cnt_u16 tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_	tgt_CDDInterface_Per1_Die1RxError_Cnt_u' target_CDDInterface_Per1_Die1UnderVoltgF		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxMtrPos_Cnt_u16	tgt CDDInterface Per1 Die1RxMtrPos Cnt		
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 Die1RxRevCtr Cnt u16	tgt CDDInterface Per1 Die1RxRevCtr Cnt		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxError_Cnt_u16	tgt_CDDInterface_Per1_Die2RxError_Cnt_u^		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxMtrPos_Cnt_u16	tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_	_u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxRevCtr_Cnt_u16	tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_	<u>u</u> 16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeA_	Cnt_u32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeB_	Cnt_u32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeC_	-	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_LRPRPhaseadvanceCaptured_	tgt_CDDInterface_Per1_LRPRPhaseadvance		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeA_	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32 tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeB_ tgt_CDDInterface_Per1_MeasuredOnTimeC_		
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 MechMtrPos1TimeStamp USe			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MechMtrPos2TimeStamp_USe			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ModIdxFinal_UIs_f32	tgt_CDDInterface_Per1_ModIdxFinal_Uls_f3:		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrDax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrDax_Amp_f3		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK1_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK2_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32	2	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32$	tgt_CDDInterface_Per1_MtrCurrQaxFinalRef	_Amp_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrQax_Amp_f3	32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u	tgt_CDDInterface_Per1_RxMtrPos1ParityAcc	cum_Cnt_u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCVSwitchADC_Cnt_u16	tgt_CDDInterface_Per1_SysCVSwitchADC_0	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCorrectedElecMtrPos_Rev_			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_UncorrMechMtrPos1_Rev_u0p			D 16
Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	1	1	_
PYAccumPrey Cnt M u32[0]	30736	30736	✓
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1]	30736 18238	30736 18238	*
PXAccumPrev_Cnt_M_u32[1]	30736 18238 43239	30736 18238 43239	
	18238	18238	~
PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2]	18238 43239	18238 43239	~
PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	18238 43239 3889	18238 43239 3889	~
PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value	18238 43239 3889 2.00458646	18238 43239 3889 2.00458646 ± 0.0625	· · · · · · · · · · · · · · · · · · ·
PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value	18238 43239 3889 2.00458646 1.00458646 5628.27979 0.179992676	18238 43239 3889 2.00458646 ± 0.0625 1.00458646 ± 0.0625 5628.27979 0.179992676	· · · · · · · · · · · · · · · · · · ·
PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value	18238 43239 3889 2.00458646 1.00458646 5628.27979 0.179992676 11796	18238 43239 3889 2.00458646 ± 0.0625 1.00458646 ± 0.0625 5628.27979 0.179992676 11796	· · · · · · · · · · · · · · · · · · ·
PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CurrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value	18238 43239 3889 2.00458646 1.00458646 5628.27979 0.179992676 11796 0.049987793	18238 43239 3889 2.00458646 ± 0.0625 1.00458646 ± 0.0625 5628.27979 0.179992676 11796 0.0500030518 ± 0.0625	· · · · · · · · · · · · · · · · · · ·
PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value	18238 43239 3889 2.00458646 1.00458646 5628.27979 0.179992676 11796 0.049987793 3204	18238 43239 3889 2.00458646 ± 0.0625 1.00458646 ± 0.0625 5628.27979 0.179992676 11796 0.0500030518 ± 0.0625 3204	· · · · · · · · · · · · · · · · · · ·
PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value	18238 43239 3889 2.00458646 1.00458646 5628.27979 0.179992676 11796 0.049987793 3204 2841	18238 43239 3889 2.00458646 ± 0.0625 1.00458646 ± 0.0625 5628.27979 0.179992676 11796 0.0500030518 ± 0.0625 3204	· · · · · · · · · · · · · · · · · · ·
PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value	18238 43239 3889 2.00458646 1.00458646 5628.27979 0.179992676 11796 0.049987793 3204 2841	18238 43239 3889 2.00458646 ± 0.0625 1.00458646 ± 0.0625 5628.27979 0.179992676 11796 0.0500030518 ± 0.0625 3204 2841 2962	· · · · · · · · · · · · · · · · · · ·
PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value	18238 43239 3889 2.00458646 1.00458646 5628.27979 0.179992676 11796 0.049987793 3204 2841 2962 3083	18238 43239 3889 2.00458646 ± 0.0625 1.00458646 ± 0.0625 5628.27979 0.179992676 11796 0.0500030518 ± 0.0625 3204 2841 2962 3083	> > > > > > > > > > > > > > > > > > >
PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value	18238 43239 3889 2.00458646 1.00458646 5628.27979 0.179992676 11796 0.049987793 3204 2841	18238 43239 3889 2.00458646 ± 0.0625 1.00458646 ± 0.0625 5628.27979 0.179992676 11796 0.0500030518 ± 0.0625 3204 2841 2962	· · · · · · · · · · · · · · · · · · ·
PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value	18238 43239 3889 2.00458646 1.00458646 5628.27979 0.179992676 11796 0.049987793 3204 2841 2962 3083 2720	18238 43239 3889 2.00458646 ± 0.0625 1.00458646 ± 0.0625 5628.27979 0.179992676 11796 0.0500030518 ± 0.0625 3204 2841 2962 3083 2720	· · · · · · · · · · · · · · · · · · ·
PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value	18238 43239 3889 2.00458646 1.00458646 5628.27979 0.179992676 11796 0.049987793 3204 2841 2962 3083 2720 190	18238 43239 3889 2.00458646 ± 0.0625 1.00458646 ± 0.0625 5628.27979 0.179992676 11796 0.0500030518 ± 0.0625 3204 2841 2962 3083 2720 190	> > > > > > > > > > > > > > > > > > >
PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value	18238 43239 3889 2.00458646 1.00458646 5628.27979 0.179992676 11796 0.049987793 3204 2841 2962 3083 2720 190 3446	18238 43239 3889 2.00458646 ± 0.0625 1.00458646 ± 0.0625 5628.27979 0.179992676 11796 0.0500030518 ± 0.0625 3204 2841 2962 3083 2720 190 3446	> > > > > > > > > > > > > > > > > > >
PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value	18238 43239 3889 2.00458646 1.00458646 5628.27979 0.179992676 11796 0.049987793 3204 2841 2962 3083 2720 190 3446	18238 43239 3889 2.00458646 ± 0.0625 1.00458646 ± 0.0625 5628.27979 0.179992676 11796 0.0500030518 ± 0.0625 3204 2841 2962 3083 2720 190 3446 158	> > > > > > > > > > > > > > > > > > >
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PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MchMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MchMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MchMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MchMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MchMtrPos2TimeStamp_USec_u32.value	18238 43239 3889 2.00458646 1.00458646 5628.27979 0.179992676 11796 0.049987793 3204 2841 2962 3083 2720 190 3446 158 238 615 30594 18080 19625 3083 3083 0.246398926 120.000252 75.5 34.5200005	18238 43239 3889 2.00458646 ± 0.0625 1.00458646 ± 0.0625 5628.27979 0.179992676 11796 0.0500030518 ± 0.0625 3204 2841 2962 3083 2720 190 3446 158 238 615 30594 18080 19625 3083 3083 0.246398926 ± 0.0625 120.000252 75.5 34.5200005	> > > > > > > > > > > > > > > > > > >
PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MetCurrK1_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrBax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrBax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrRay_FinalRef_Amp_f32.value	18238 43239 3889 2.00458646 1.00458646 5628.27979 0.179992676 11796 0.049987793 3204 2841 2962 3083 2720 190 3446 158 238 615 30594 18080 19625 3083 3083 0.246398926 120.000252 75.5 34.5200005 165.470001	18238 43239 3889 2.00458646 ± 0.0625 1.00458646 ± 0.0625 5628.27979 0.179992676 11796 0.0500030518 ± 0.0625 3204 2841 2962 3083 2720 190 3446 158 238 615 30594 18080 19625 3083 3083 0.246398926 ± 0.0625 120.000252 75.5 34.5200005 165.470001	> > > > > > > > > > > > > > > > > > >
PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrR1_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrR2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrR2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_FinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_FinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_FinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_FinalRef_Amp_f32.value	18238 43239 3889 2.00458646 1.00458646 5628.27979 0.179992676 11796 0.049987793 3204 2841 2962 3083 2720 190 3446 158 238 615 30594 18080 19625 3083 3083 0.246398926 120.000252 75.5 34.5200005 165.470001 156.229996 2599	18238 43239 3889 2.00458646 ± 0.0625 1.00458646 ± 0.0625 5628.27979 0.179992676 11796 0.050030518 ± 0.0625 3204 2841 2962 3083 2720 190 3446 158 238 615 30594 18080 19625 3083 0.246398926 ± 0.0625 120.000252 75.5 34.5200005 165.470001 156.229996 2599 2962	> > > > > > > > > > > > > > > > > > >
PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxErvCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeS_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeS_Cnt_u32.value tgt_CDDInterface_Per1_MeoMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MeoMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MetCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value	18238 43239 3889 2.00458646 1.00458646 5628.27979 0.179992676 11796 0.049987793 3204 2841 2962 3083 2720 190 3446 158 238 615 30594 18080 19625 3083 3083 0.246398926 120.000252 75.5 34.5200005 165.470001 156.229996 2599	18238 43239 3889 2.00458646 ± 0.0625 1.00458646 ± 0.0625 5628.27979 0.179992676 11796 0.0500030518 ± 0.0625 3204 2841 2962 3083 2720 190 3446 158 238 615 30594 18080 19625 3083 3083 0.246398926 ± 0.0625 120.000252 75.5 34.5200005 165.470001 156.229996 2599	



Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
CDDPorts_ClearPhsReasSum	1	CDDPorts_ClearPhsReasSum	1	~

Test Step 2.23 (Repeat Count = 1)	
Name CDD CDDDataAccessBfr Cat C u46	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16 CDD_CorrMtrCurrPosition_Rev_G_f32[0]	1 2599.28003
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	3413.25
CDD CorrectedElecMtrPos Rev G u0p16[0]	0
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	13107
CDD_CumMechMtrPos_Rev_G_s15p16[0]	4521
CDD_CumMechMtrPos_Rev_G_s15p16[1]	4587
CDD_Die1RxError_Cnt_G_u16[0]	3325
CDD_Die1RxError_Cnt_G_u16[1]	4535
CDD_Die1RxMtrPos_Cnt_G_u16[0]	190
CDD_Die1RxMtrPos_Cnt_G_u16[1]	192
CDD_Die1RxRevCtr_Cnt_G_u16[0]	3083
CDD_Die1RxRevCtr_Cnt_G_u16[1]	4161
CDD_Die2RxError_Cnt_G_u16[0]	3204
CDD_Die2RxError_Cnt_G_u16[1]	4348
CDD_Die2RxMtrPos_Cnt_G_u16[0]	2841
CDD_Die2RxMtrPos_Cnt_G_u16[1]	3787
CDD_Die2RxRevCtr_Cnt_G_u16[0] CDD_Die2RxRevCtr_Cnt_G_u16[1]	2962 3974
CDD_blezkxkevCti_Cfit_G_u16[1] CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	6229
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	9023
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0]	3204
CDD MechMtrPos2TimeStamp uSec G u32[1]	4348
CDD_ModIdxFinal_Uls_G_u16p16[0]	20519
CDD_ModldxFinal_Uls_G_u16p16[1]	20525
CDD_MtrCurr1_Volts_G_f32[0]	0.00484120008
CDD_MtrCurr1_Volts_G_f32[1]	4.00484133
CDD_MtrCurr2_Volts_G_f32[0]	0.00484120008
CDD_MtrCurr2_Volts_G_f32[1]	4.00484133
CDD_MtrCurrDax_Amp_G_f32[0]	-117.279999
CDD_MtrCurrDax_Amp_G_f32[1]	-93.0199966
CDD_MtrCurrK1_Amps_G_f32[0]	50
CDD_MtrCurrK1_Amps_G_f32[1]	60
CDD_MtrCurrK2_Amps_G_f32[0]	35.7400017
CDD_MtrCurrK2_Amps_G_f32[1]	29.7099991 174.710007
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0] CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	184.979996
CDD_MtrCurrQax_Amp_G_f32[0]	165.470001
CDD MtrCurrQax Amp G f32[1]	174.580002
CDD PWMDutyCycleASum Cnt G u32[0]	3567
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	4909
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	166
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	168
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	2962
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	3974
CDD_PhaseAdvFinal_Cnt_G_u16[0]	7688
CDD_PhaseAdvFinal_Cnt_G_u16[1]	9097
CDD_RxMtrPos1ParityAccum_Cnt_G_u16[0]	2720
CDD_RxMtrPos1ParityAccum_Cnt_G_u16[1]	3600
CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[0]	4530
CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[1]	5471
CDD_SysCVSwitchADC_Cnt_G_u16[0] CDD_SysCVSwitchADC_Cnt_G_u16[1]	3083 4161
CDD_SysCvSwitchADC_Cht_G_u16[1] CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[0]	13107
CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[0] CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[1]	13763
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	13107
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	13763
PXAccumPrev_Cnt_M_u32[0]	150
PXAccumPrev_Cnt_M_u32[1]	159
PXAccumPrev_Cnt_M_u32[2]	24839
Rte_Inst_Sa_CDDInterface	tgt_Rte_Inst_Sa_CDDInterface
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	145900
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	345914
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	145921

2015-02-18, 15:41:12+0530



Name	Input Value		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr1_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr1_Volts	f32	
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 ADCMtrCurr2 Volts f32	tqt CDDInterface Per1 ADCMtrCurr2 Volts		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32	tgt_CDDInterface_Per1_CorrMtrCurrPosition	_	
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 CorrectedElecMtrPosFloat Rev	tgt_CDDInterface_Per1_CorrectedElecMtrPo		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CumMechMtrPos_Rev_f32	tgt_CDDInterface_Per1_CumMechMtrPos_R		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxError_Cnt_u16	tgt_CDDInterface_Per1_Die1RxError_Cnt_u	16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_	target_CDDInterface_Per1_Die1UnderVoltgF	ltAccum_Cnt_u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxMtrPos_Cnt_u16	tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_	u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxRevCtr_Cnt_u16	tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_	u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxError_Cnt_u16	tgt_CDDInterface_Per1_Die2RxError_Cnt_u	16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxMtrPos_Cnt_u16	tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_	u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxRevCtr_Cnt_u16	tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_	u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeA_	Cnt_u32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeB_	Cnt_u32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeC_	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_LRPRPhaseadvanceCaptured_	tgt_CDDInterface_Per1_LRPRPhaseadvance		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeA_	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeB_	-	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeC_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MechMtrPos1TimeStamp_USe	tgt_CDDInterface_Per1_MechMtrPos1TimeS	·	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MechMtrPos2TimeStamp_USe			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ModIdxFinal_UIs_f32	tgt_CDDInterface_Per1_ModIdxFinal_Uls_f3:		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrDax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrDax_Amp_f3		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK1_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK2_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32	tgt_CDDInterface_Per1_MtrCurrQaxFinalRef		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrQax_Amp_f3		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u	tgt_CDDInterface_Per1_RxMtrPos1ParityAcc		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCVSwitchADC_Cnt_u16	tgt_CDDInterface_Per1_SysCVSwitchADC_0	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCorrectedElecMtrPos_Rev_	tgt_CDDInterface_Per1_SysCorrectedElecMi		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_UncorrMechMtrPos1_Rev_u0p	tgt_CDDInterface_Per1_UncorrMechMtrPos1		Daguilé
Name	Actual Value	•	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	0	0 18237	~
PXAccumPrev_Cnt_M_u32[0]	18237 43239	43239	Ž
PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2]	18240	18240	~
target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	5471	5471	J
tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value	4.00484133	4.00484133 ± 0.0625	✓
tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value	4.00484133	4.00484133 ± 0.0625	_
tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value	3413.25	3413.25	✓
tgt CDDInterface Per1 CorrectedElecMtrPosFloat Rev f32.value	0.199996948	0.199996948	~
tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value	13107	13107	✓
tgt CDDInterface Per1 CumMechMtrPos Rev f32.value	0.0699920654	0.0700073242 ± 0.0625	~
tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value	4535	4535	~
tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value	192	192	~
tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value	4161	4161	✓
tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value	4348	4348	~
tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value	3787	3787	✓
tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value	3974	3974	~
V			
tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value	4909	4909	~
		4909 168	~
tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value	4909		~
tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value	4909 168	168	\ \ \
tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value	4909 168 3974	168 3974	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value	4909 168 3974 852 18087 43080	168 3974 852 18087 43080	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value	4909 168 3974 852 18087 43080 536864313	168 3974 852 18087 43080 536864313	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value	4909 168 3974 852 18087 43080 536864313	168 3974 852 18087 43080 536864313 9023	~
tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value	4909 168 3974 852 18087 43080 536864313 9023	168 3974 852 18087 43080 536864313 9023 4348	
tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_ModIdxFinal_Uls_f32.value	4909 168 3974 852 18087 43080 536864313 9023 4348 0.313186646	168 3974 852 18087 43080 536864313 9023 4348 0.313201904 ± 0.0625	
tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_ModIdxFinal_Uls_f32.value tgt_CDDInterface_Per1_ModIdxFinal_Uls_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value	4909 168 3974 852 18087 43080 536864313 9023 4348 0.313186646 -93.0199966	168 3974 852 18087 43080 536864313 9023 4348 0.313201904 ± 0.0625 -93.0199966	
tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_ModIdxFinal_UIs_f32.value tgt_CDDInterface_Per1_ModIdxFinal_UIs_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32.value	4909 168 3974 852 18087 43080 536864313 9023 4348 0.313186646 -93.0199966 60	168 3974 852 18087 43080 536864313 9023 4348 0.313201904 ± 0.0625 -93.0199966 60	
tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_ModIdxFinal_UIs_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value	4909 168 3974 852 18087 43080 536864313 9023 4348 0.313186646 -93.0199966 60 29.7099991	168 3974 852 18087 43080 536864313 9023 4348 0.313201904 ± 0.0625 -93.0199966 60 29.7099991	
tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_ModldxFinal_Uls_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value	4909 168 3974 852 18087 43080 536864313 9023 4348 0.313186646 -93.0199966 60 29.7099991 184.979996	168 3974 852 18087 43080 536864313 9023 4348 0.313201904 ± 0.0625 -93.0199966 60 29.7099991 184.979996	
tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MedldxFinal_Uls_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_FinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_FinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value	4909 168 3974 852 18087 43080 536864313 9023 4348 0.313186646 -93.0199966 60 29.7099991 184.979996 174.580002	168 3974 852 18087 43080 536864313 9023 4348 0.313201904 ± 0.0625 -93.0199966 60 29.7099991 184.979996 174.580002	
tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MedldxFinal_UIs_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrCax_FinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_FinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_FinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value	4909 168 3974 852 18087 43080 536864313 9023 4348 0.313186646 -93.0199966 60 29.7099991 184.979996 174.580002 3600	168 3974 852 18087 43080 536864313 9023 4348 0.313201904 ± 0.0625 -93.0199966 60 29.7099991 184.979996 174.580002 3600	· · · · · · · · · · · · · · · · · · ·
tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MedldxFinal_UIs_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_InalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_InalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u16.value tgt_CDDInterface_Per1_SysCVSwitchADC_Cnt_u16.value	4909 168 3974 852 18087 43080 536864313 9023 4348 0.313186646 -93.0199966 60 29.7099991 184.979996 174.580002 3600 4161	168 3974 852 18087 43080 536864313 9023 4348 0.313201904 ± 0.0625 -93.0199966 60 29.7099991 184.979996 174.580002 3600 4161	
tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MedldxFinal_Uls_f32.value tgt_CDDInterface_Per1_ModldxFinal_Uls_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_FinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value	4909 168 3974 852 18087 43080 536864313 9023 4348 0.313186646 -93.0199966 60 29.7099991 184.979996 174.580002 3600	168 3974 852 18087 43080 536864313 9023 4348 0.313201904 ± 0.0625 -93.0199966 60 29.7099991 184.979996 174.580002 3600	





Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
CDDPorts_ClearPhsReasSum	1	CDDPorts_ClearPhsReasSum	1	~

Test Step 2.24 (Repeat Count = 1)	√
Name	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16	1
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	190.257996
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	192.25
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	0
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	15073
CDD_CumMechMtrPos_Rev_G_s15p16[0]	-4915
CDD_CumMechMtrPos_Rev_G_s15p16[1]	-4980
CDD_Die1RxError_Cnt_G_u16[0]	3688 5096
CDD_Die1RxError_Cnt_G_u16[1] CDD_Die1RxMtrPos_Cnt_G_u16[0]	3204
CDD_Die1RxMtrPos_Cnt_G_u16[1]	4348
CDD_Die1RxRevCtr_Cnt_G_u16[0]	3446
CDD_Die1RxRevCtr_Cnt_G_u16[1]	4722
CDD_Die2RxError_Cnt_G_u16[0]	3567
CDD_Die2RxError_Cnt_G_u16[1]	4909
CDD_Die2RxMtrPos_Cnt_G_u16[0]	3083
CDD_Die2RxMtrPos_Cnt_G_u16[1]	4161
CDD_Die2RxRevCtr_Cnt_G_u16[0]	3325
CDD_Die2RxRevCtr_Cnt_G_u16[1]	4535
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	222
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	368
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0] CDD_MechMtrPos2TimeStamp_uSec_G_u32[1]	3567 4909
CDD_ModIdxFinal_Uls_G_u16p16[0]	10872
CDD_ModIdxFinal_Uls_G_u16p16[1]	10878
CDD MtrCurr1 Volts G f32[0]	0
CDD_MtrCurr1_Volts_G_f32[1]	0
CDD_MtrCurr2_Volts_G_f32[0]	1.00560558
CDD_MtrCurr2_Volts_G_f32[1]	4.0056057
CDD_MtrCurrDax_Amp_G_f32[0]	-78.0100021
CDD_MtrCurrDax_Amp_G_f32[1]	67.4800034
CDD_MtrCurrK1_Amps_G_f32[0]	59.1399994
CDD_MtrCurrK1_Amps_G_f32[1]	71.3799973
CDD_MtrCurrK2_Amps_G_f32[0]	39.4000015
CDD_MtrCurrK2_Amps_G_f32[1] CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	32.0499992 -159.070007
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	-116.019997
CDD_MtrCurrQax_Amp_G_f32[0]	193.190002
CDD_MtrCurrQax_Amp_G_f32[1]	205.779999
CDD_PWMDutyCycleASum_Cnt_G_u32[0]	4777
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	6779
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	190
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	192
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	6350
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	9210
CDD_PhaseAdvFinal_Cnt_G_u16[0] CDD_PhaseAdvFinal_Cnt_G_u16[1]	3325 4535
CDD_PhaseAdvFinal_Cnt_G_u16[1] CDD_RxMtrPos1ParityAccum_Cnt_G_u16[0]	4535 2962
CDD RxMtrPos1ParityAccum Cnt G u16[1]	3974
CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[0]	238
CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[1]	480
CDD_SysCVSwitchADC_Cnt_G_u16[0]	214
CDD_SysCVSwitchADC_Cnt_G_u16[1]	312
CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[0]	15073
CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[1]	15729
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	15073
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	15729
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1]	174 176
PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2]	28514
Rte_Inst_Sa_CDDInterface	tgt_Rte_Inst_Sa_CDDInterface
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	145921
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	145935
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	545942

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Name	Input Value		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr1_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr1_Volts	f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr2_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr2_Volts		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32	tgt_CDDInterface_Per1_CorrMtrCurrPosition		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev	tgt_CDDInterface_Per1_CorrectedElecMtrPo	sFloat_Rev_f32	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0ptores and the state of the state $	tgt_CDDInterface_Per1_CorrectedElecMtrPo	s_Rev_u0p16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CumMechMtrPos_Rev_f32	tgt_CDDInterface_Per1_CumMechMtrPos_R	ev_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxError_Cnt_u16	tgt_CDDInterface_Per1_Die1RxError_Cnt_u		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_	target_CDDInterface_Per1_Die1UnderVoltgF		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxMtrPos_Cnt_u16	tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxRevCtr_Cnt_u16	tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxError_Cnt_u16 tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxMtrPos_Cnt_u16	tgt_CDDInterface_Per1_Die2RxError_Cnt_ur tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxRevCtr_Cnt_u16	tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeA_		
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 ExpectedOnTimeB Cnt u32	tgt_CDDInterface_Per1_ExpectedOnTimeB_	-	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeC_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_LRPRPhaseadvanceCaptured_	tgt_CDDInterface_Per1_LRPRPhaseadvance	eCaptured_Cnt_s16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeA_	_Cnt_u32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeB_	_Cnt_u32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeC_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MechMtrPos1TimeStamp_USer		·	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MechMtrPos2TimeStamp_USer			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ModIdxFinal_UIs_f32	tgt_CDDInterface_Per1_ModIdxFinal_Uls_f3:		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrDax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrDax_Amp_f3		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK1_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK2_Amp_f32 tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32 tgt_CDDInterface_Per1_MtrCurrQaxFinalRef		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrQax_Amp_f3	_ · _	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCVSwitchADC_Cnt_u16	tgt_CDDInterface_Per1_SysCVSwitchADC_0		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCorrectedElecMtrPos_Rev_	tgt_CDDInterface_Per1_SysCorrectedElecMi	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_UncorrMechMtrPos1_Rev_u0p	tgt_CDDInterface_Per1_UncorrMechMtrPos1		
Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	0	0	~
PXAccumPrev_Cnt_M_u32[0]	18240	18240	✓
PXAccumPrev_Cnt_M_u32[1]	18241	18241	~
PXAccumPrev_Cnt_M_u32[2]	68242	68242	✓
target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	480	480	~
tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value	0	0 ± 0.0625	~
tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value	4.0056057	4.0056057 ± 0.0625	✓
tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value	192.25 0.229995728	192.25 0.229995728	Ž
tgt_CDDInterface_rer1_CorrectedElecMtrPos_Rev_u0p16.value	15073	15073	~
tgt CDDInterface Per1 CumMechMtrPos Rev f32.value	-0.0759887695	-0.0760040283 ± 0.0625	,
tgt CDDInterface Per1 Die1RxError Cnt u16.value	5096	5096	-
tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value	4348	4348	~
tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value	4722	4722	✓
tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value	4909	4909	~
tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value	4161	4161	~
tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value	4535	4535	~
tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value	6779	6779	✓
tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value	192	192	~
tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value	9210	9210	~
tgt_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value	425	425	•
tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value	18066	18066	<i>•</i>
tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value	18065 39728	18065 39728	~
tgt_CDDInterface_Per1_MeasuredOnTrimeC_Cnt_usz.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value	368	368	J
tgt_CDDInterface_ren_wechinterostrimestamp_Usec_uss.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_uss.value	4909	4909	~
tgt_CDDInterface_Per1_ModIdxFinal_Uls_f32.value	0.165985107	0.166000366 ± 0.0625	Ž
tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value	67.4800034	67.4800034	•
tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32.value	71.3799973	71.3799973	~
	7 1.07 0007 0		✓
tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value	32.0499992	32.0499992	•
tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value		32.0499992 -116.019997	•
tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value	32.0499992 -116.019997 205.779999	-116.019997 205.779999	*
tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u16.value	32.0499992 -116.019997 205.779999 3974	-116.019997 205.779999 3974	~
tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u16.value tgt_CDDInterface_Per1_SysCVSwitchADC_Cnt_u16.value	32.0499992 -116.019997 205.779999 3974 312	-116.019997 205.779999 3974 312	V
tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u16.value	32.0499992 -116.019997 205.779999 3974	-116.019997 205.779999 3974	V



Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
CDDPorts_ClearPhsReasSum	1	CDDPorts_ClearPhsReasSum	1	~

Test Step 2.25 (Repeat Count = 1)	✓
Name	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16	1
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	2962.28003
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	3974.28711
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	15073
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	15729
CDD_CumMechMtrPos_Rev_G_s15p16[0]	5439
CDD_CumMechMtrPos_Rev_G_s15p16[1]	5505
CDD_Die1RxError_Cnt_G_u16[0] CDD_Die1RxError_Cnt_G_u16[1]	3809 5283
CDD_Die1RxError_Cnt_G_u16[1] CDD_Die1RxMtrPos_Cnt_G_u16[0]	3325
CDD_Die1RxMtrPos_Cnt_G_u16[1]	4535
CDD_Die1RxRevCtr_Cnt_G_u16[0]	3567
CDD_Die1RxRevCtr_Cnt_G_u16[1]	4909
CDD_Die2RxError_Cnt_G_u16[0]	3688
CDD_Die2RxError_Cnt_G_u16[1]	5096
CDD_Die2RxMtrPos_Cnt_G_u16[0]	3204
CDD_Die2RxMtrPos_Cnt_G_u16[1]	4348
CDD_Die2RxRevCtr_Cnt_G_u16[0]	3446
CDD_Die2RxRevCtr_Cnt_G_u16[1]	4722
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	230 424
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1] CDD_MechMtrPos2TimeStamp_uSec_G_u32[0]	3688
CDD_MechMtrPos2TimeStamp_uSec_G_u32[t] CDD_MechMtrPos2TimeStamp_uSec_G_u32[1]	5096
CDD_ModIdxFinal_Uls_G_u16p16[0]	15217
CDD_ModIdxFinal_Uls_G_u16p16[1]	15224
CDD_MtrCurr1_Volts_G_f32[0]	5
CDD_MtrCurr1_Volts_G_f32[1]	5
CDD_MtrCurr2_Volts_G_f32[0]	0.00586039992
CDD_MtrCurr2_Volts_G_f32[1]	1.00586045
CDD_MtrCurrDax_Amp_G_f32[0]	10.2299995
CDD_MtrCurrDax_Amp_G_f32[1]	20.5599995
CDD_MtrCurrK1_Amps_G_f32[0]	60.8100014
CDD_MtrCurrK1_Amps_G_f32[1] CDD_MtrCurrK2_Amps_G_f32[0]	74.1200027 -87.8199997
CDD_MtrCurrK2_Amps_G_f32[1]	-69.1600037
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	-179.600006
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	-131.130005
CDD_MtrCurrQax_Amp_G_f32[0]	-159.070007
CDD_MtrCurrQax_Amp_G_f32[1]	-116.019997
CDD_PWMDutyCycleASum_Cnt_G_u32[0]	4898
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	6966
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	198
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	200
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	214
CDD_PWMDutyCycleCSum_Cnt_G_u32[1] CDD_PhaseAdvFinal_Cnt_G_u16[0]	312 3446
CDD_PhaseAdvFinal_Cnt_G_u16[u] CDD_PhaseAdvFinal_Cnt_G_u16[1]	4722
CDD RxMtrPos1ParityAccum Cnt G u16[0]	3083
CDD_RxMtrPos1ParityAccum_Cnt_G_u16[1]	4161
CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[0]	2962
CDD_RxMtrPos1UnderVoltgFitAccum_Cnt_u16[1]	3974
CDD_SysCVSwitchADC_Cnt_G_u16[0]	222
CDD_SysCVSwitchADC_Cnt_G_u16[1]	368
CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[0]	15729
CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[1]	16384
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	15729
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	16384
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1]	182 184
PXAccumPrev_Cnt_M_u32[2]	29739
Rte_Inst_Sa_CDDInterface	tgt_Rte_Inst_Sa_CDDInterface
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	445928
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	545942
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	145949

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CDDInterface_Per1



Name	Input Value		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr1_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_	f32	
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 ADCMtrCurr2 Volts f32	tgt CDDInterface Per1 ADCMtrCurr2 Volts		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32	tgt_CDDInterface_Per1_CorrMtrCurrPosition		
	tgt_CDDInterface_Per1_CorrectedElecMtrPo		
	tgt_CDDInterface_Per1_CorrectedElecMtrPo		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CumMechMtrPos_Rev_f32	tgt_CDDInterface_Per1_CumMechMtrPos_R	ev_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxError_Cnt_u16	tgt_CDDInterface_Per1_Die1RxError_Cnt_u1	16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_	target_CDDInterface_Per1_Die1UnderVoltgF	ItAccum_Cnt_u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxMtrPos_Cnt_u16	tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_	u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxRevCtr_Cnt_u16	$tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_$	<u>u</u> 16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxError_Cnt_u16	tgt_CDDInterface_Per1_Die2RxError_Cnt_u1	16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxMtrPos_Cnt_u16	tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_	<u>u</u> 16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxRevCtr_Cnt_u16	tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeA_	-	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeB_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeC_	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_LRPRPhaseadvanceCaptured_	tgt_CDDInterface_Per1_LRPRPhaseadvance		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeA_	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeB_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32 tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MechMtrPos1TimeStamp_USer	tgt_CDDInterface_Per1_MeasuredOnTimeC_ tgt_CDDInterface_Per1_MechMtrPos1TimeS		
	tgt_CDDInterface_Per1_MechMtrPos2TimeS	·	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ModIdxFinal_Uls_f32	tgt_CDDInterface_Per1_ModIdxFinal_Uls_f32		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrDax_Amp_f32	tgt_CDDInterface_Per1_Moddxf inal_Ois_i3a		
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 MtrCurrK1 Amp f32	tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK2_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32		
	tgt_CDDInterface_Per1_MtrCurrQaxFinalRef		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrQax_Amp_f3		
	tgt_CDDInterface_Per1_RxMtrPos1ParityAcc		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCVSwitchADC_Cnt_u16	tgt_CDDInterface_Per1_SysCVSwitchADC_0		
	tgt_CDDInterface_Per1_SysCorrectedElecMt	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_UncorrMechMtrPos1_Rev_u0p	tgt_CDDInterface_Per1_UncorrMechMtrPos1	_Rev_u0p16	
Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	0	0	~
PXAccumPrev_Cnt_M_u32[0]	55741	55741	~
PXAccumPrev_Cnt_M_u32[1]	68242	68242	~
PXAccumPrev_Cnt_M_u32[2]	18243	18243	~
target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	3974	3974	~
tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value	5	5 ± 0.0625	~
tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value	1.00586045	1.00586045 ± 0.0625	~
tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value	3974.28711	3974.28711	✓
tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value	0.240005493	0.240005493	~
tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value	15729	15729	✓
tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value	0.0839996338	0.0839996338 ± 0.0625	~
tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value	5283	5283	~
tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value	4535	4535	~
tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value	4909	4909	•
tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value	5096	5096	•
tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value	4348	4348	•
tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value	4722	4722	✓
tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value	6966	6966	V
tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value	200 312	200 312	~
tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value	442	442	Ž
tgt_CDDInterface_Per1_LRPRPnaseadvanceCaptured_Cnt_s1o.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value	774	774	~
tgt ODDINGHAGG FOLL WGASAIGUOHTIIIGA ON USZ.VAIUE	55559	55559	_
	55559 68058	55559 68058	
tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value	68058	68058	
tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value	68058 536859416	68058 536859416	•
tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value	68058 536859416 424	68058 536859416 424	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value	68058 536859416 424 5096	68058 536859416	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_ModIdxFinal_UIs_f32.value	68058 536859416 424 5096 0.232299805	68058 536859416 424 5096 0.232299805 ± 0.0625	
tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_ModldxFinal_Uls_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value	68058 536859416 424 5096 0.232299805 20.5599995	68058 536859416 424 5096 0.232299805 ± 0.0625 20.5599995	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_ModIdxFinal_UIs_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32.value	68058 536859416 424 5096 0.232299805	68058 536859416 424 5096 0.232299805 ± 0.0625	
tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_ModldxFinal_Uls_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value	68058 536859416 424 5096 0.232299805 20.5599995 74.1200027	68058 536859416 424 5096 0.232299805 ± 0.0625 20.5599995 74.1200027	
tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_ModIdxFinal_UIs_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value	68058 536859416 424 5096 0.232299805 20.5599995 74.1200027 -69.1600037	68058 536859416 424 5096 0.232299805 ± 0.0625 20.5599995 74.1200027 -69.1600037	
tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_ModldxFinal_Uls_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value	68058 536859416 424 5096 0.232299805 20.5599995 74.1200027 -69.1600037 -131.130005	68058 536859416 424 5096 0.232299805 ± 0.0625 20.5599995 74.1200027 -69.1600037 -131.130005	\(\frac{1}{2}\)
tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_ModldxFinal_Uls_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value	68058 536859416 424 5096 0.232299805 20.5599995 74.1200027 -69.1600037 -131.130005 -116.019997	68058 536859416 424 5096 0.232299805 ± 0.0625 20.5599995 74.1200027 -69.1600037 -131.130005 -116.019997	
tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_ModldxFinal_Uls_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u16.value	68058 536859416 424 5096 0.232299805 20.5599995 74.1200027 -69.1600037 -131.130005 -116.019997	68058 536859416 424 5096 0.232299805 ± 0.0625 20.5599995 74.1200027 -69.1600037 -131.130005 -116.019997 4161	********

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Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
CDDPorts_ClearPhsReasSum	1	CDDPorts_ClearPhsReasSum	1	~

Test Step 2.26 (Repeat Count = 1)	✓
Name	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16	0
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	3083.13989
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	4161.27979
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	15729
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	16384
CDD_CumMechMtrPos_Rev_G_s15p16[0]	5570
CDD_CumMechMtrPos_Rev_G_s15p16[1]	5636
CDD_Die1RxError_Cnt_G_u16[0]	3930
CDD_Die1RxError_Cnt_G_u16[1]	5470 3446
CDD_Die1RxMtrPos_Cnt_G_u16[0] CDD_Die1RxMtrPos_Cnt_G_u16[1]	4722
CDD_Die1RxRevCtr_Cnt_G_u16[0]	3688
CDD_Die1RxRevCtr_Cnt_G_u16[1]	5096
CDD_Die2RxError_Cnt_G_u16[0]	3809
CDD_Die2RxError_Cnt_G_u16[1]	5283
CDD_Die2RxMtrPos_Cnt_G_u16[0]	3325
CDD_Die2RxMtrPos_Cnt_G_u16[1]	4535
CDD_Die2RxRevCtr_Cnt_G_u16[0]	3567
CDD_Die2RxRevCtr_Cnt_G_u16[1]	4909
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	238
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	480
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0] CDD_MechMtrPos2TimeStamp_uSec_G_u32[1]	3809 5283
CDD_ModIdxFinal_Uls_G_u16p16[0]	32086
CDD_ModIdxFinal_Uls_G_u16p16[1]	32092
CDD MtrCurr1 Volts G f32[0]	2.00637007
CDD_MtrCurr1_Volts_G_f32[1]	1.00636995
CDD_MtrCurr2_Volts_G_f32[0]	1.0061152
CDD_MtrCurr2_Volts_G_f32[1]	2.0061152
CDD_MtrCurrDax_Amp_G_f32[0]	15.7799997
CDD_MtrCurrDax_Amp_G_f32[1]	25.2299995
CDD_MtrCurrK1_Amps_G_f32[0]	-76.8600006
CDD_MtrCurrK1_Amps_G_f32[1]	-62.4799995
CDD_MtrCurrK2_Amps_G_f32[0]	70.8300018
CDD_MtrCurrOavFinalPof_Amp_G_f32[0]	90.5599976 98.3199997
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0] CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	119.690002
CDD_MtrCurrQax_Amp_G_f32[0]	-179.600006
CDD_MtrCurrQax_Amp_G_f32[1]	-131.130005
CDD_PWMDutyCycleASum_Cnt_G_u32[0]	4172
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	5844
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	206
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	256
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	222
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	368
CDD_PhaseAdvFinal_Cnt_G_u16[0]	5140
CDD_PhaseAdvFinal_Cnt_G_u16[1]	7340
CDD_RxMtrPos1ParityAccum_Cnt_G_u16[0]	3204 4348
CDD_RxMtrPos1ParityAccum_Cnt_G_u16[1] CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[0]	3083
CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[1]	4161
CDD SysCVSwitchADC Cnt G u16[0]	230
CDD_SysCVSwitchADC_Cnt_G_u16[1]	424
CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[0]	0
CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[1]	17039
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	0
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	17039
PXAccumPrev_Cnt_M_u32[0]	190
PXAccumPrev_Cnt_M_u32[1]	192
PXAccumPrev_Cnt_M_u32[2] Pto_loct_So_CDDIstorfood	30964
Rte_Inst_Sa_CDDInterface e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	tgt_Rte_Inst_Sa_CDDInterface 145935
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	145949
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	145956

2015-02-18, 15:41:12+0530

CDDInterface_Per1



Name	Input Value		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr1_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr1_Volts	f32	
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 ADCMtrCurr2 Volts f32	tgt CDDInterface Per1 ADCMtrCurr2 Volts		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32	tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32		
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 CorrectedElecMtrPosFloat Rev			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p			
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 CumMechMtrPos Rev f32	tgt CDDInterface Per1 CumMechMtrPos R		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxError_Cnt_u16	tgt_CDDInterface_Per1_Die1RxError_Cnt_u	 16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_	target_CDDInterface_Per1_Die1UnderVoltgF	FltAccum_Cnt_u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxMtrPos_Cnt_u16	tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_	_u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxRevCtr_Cnt_u16	tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_	_u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxError_Cnt_u16	tgt_CDDInterface_Per1_Die2RxError_Cnt_u	16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxMtrPos_Cnt_u16	tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_	_u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxRevCtr_Cnt_u16	tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_	_u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeA_	-	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeB_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeC_	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_LRPRPhaseadvanceCaptured_	tgt_CDDInterface_Per1_LRPRPhaseadvance		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeA_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeB	-	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeC		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MechMtrPos1TimeStamp_USe		·	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MechMtrPos2TimeStamp_USe tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ModIdxFinal_UIs_f32	tgt_CDDInterface_Per1_MechMtrPos2TimeS tgt_CDDInterface_Per1_ModIdxFinal_Uls_f3		
tgt_Rte_inst_Sa_CDDInterface.CDDInterface_Per1_MtdrCurrDax_Amp_f32	tgt_CDDInterface_Per1_MiddidxFinal_dis_is tgt_CDDInterface_Per1_MtrCurrDax_Amp_f3		
tgt Rte Inst Sa CDDInterface.CDDInterface Per 1_MtrCurrK1 Amp f32	tgt_CDDInterface_Per1_MtrCurrBax_Amp_istgt_CDDInterface_Per1_MtrCurrK1_Amp_istgt_CDDInterface_Per1_MtrCurrK1_Amp_istgt_CDDInterface_Per1_MtrCurrK1_Amp_istgt_CDDInterface_Per1_MtrCurrBax_Amp_istgt_CDDInterface_Per1_Amp_istgt_CDDInterface_Per1_Amp_istgt_CDInterface_Per1_Amp_istgt_CDInterface_Per1_Amp_istgt_CDInterface_Per1_Amp_istgt_CDInterface_Per1_Amp_istgt_CDInterface_Per1_Amp_istgt_CDInterface_Per1_Amp_istgt_CDInterface_Per1_Amp_istgt_CDInte		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK2_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCVSwitchADC_Cnt_u16	tgt_CDDInterface_Per1_SysCVSwitchADC_Cnt_u16		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCorrectedElecMtrPos_Rev_		_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_UncorrMechMtrPos1_Rev_u0p			
Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	1	1	-
PXAccumPrev_Cnt_M_u32[0]	18241	18241	✓
PXAccumPrev_Cnt_M_u32[1]	18243	18243	✓
PXAccumPrev_Cnt_M_u32[2]	18244	18244	~
target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	3083	3083	~
tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value	2.00637007	2.00637007 ± 0.0625	~
tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value	1.0061152	1.0061152 ± 0.0625	_
tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value	3083.13989	3083.13989	~
tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value	0.240005493	0.240005493	•
tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value	15729	15729	· ·
tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value	0.0849914551 3930	0.0850067139 ± 0.0625 3930	-
tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value	3446	3446	
tgt CDDInterface Per1 Die1RxRevCtr Cnt u16.value	3688	3688	_
tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value	3809	3809	-
tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value	3325	3325	-
tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value	3567	3567	-
tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value	4172	4172	•
tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value	206	206	-
tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value	222	222	•
tgt_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value	481	481	~
tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value	18051	18051	•
tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value	18051	18051	~
tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value	536858192	536858192	~
tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value	238	238	~
tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value	3809	3809	~
tgt_CDDInterface_Per1_ModIdxFinal_Uls_f32.value	0.489593506	0.489593506 ± 0.0625	
tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value	15.7799997	15.7799997	V
tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32.value	-76.8600006	-76.8600006	· ·
tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value	70.8300018	70.8300018	
	98.3199997	98.3199997	Ž
tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value	170 600006		~
tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value	-179.600006 3204	-179.600006 3204	
tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u16.value	3204	3204	· ·
tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value			~

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Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
CDDPorts_ClearPhsReasSum	1	CDDPorts_ClearPhsReasSum	1	~

Test Step 2.27 (Repeat Count = 1)	
Name	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16	1
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	3204.25806
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	4348.25781
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	0
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	17039
CDD_CumMechMtrPos_Rev_G_s15p16[0]	6094
CDD_CumMechMtrPos_Rev_G_s15p16[1]	6160
CDD_Die1RxError_Cnt_G_u16[0]	3889
CDD_Die1RxError_Cnt_G_u16[1]	5287 3567
CDD_Die1RxMtrPos_Cnt_G_u16[0] CDD_Die1RxMtrPos_Cnt_G_u16[1]	4909
CDD_Die1RxRevCtr_Cnt_G_u16[0]	3809
CDD_Die1RxRevCtr_Cnt_G_u16[1]	5283
CDD_Die2RxError_Cnt_G_u16[0]	3930
CDD_Die2RxError_Cnt_G_u16[1]	5470
CDD_Die2RxMtrPos_Cnt_G_u16[0]	3446
CDD_Die2RxMtrPos_Cnt_G_u16[1]	4722
CDD_Die2RxRevCtr_Cnt_G_u16[0]	3688
CDD_Die2RxRevCtr_Cnt_G_u16[1]	5096
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	2962
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	3974
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0] CDD_MechMtrPos2TimeStamp_uSec_G_u32[1]	3930 5470
CDD_ModIdxFinal_Uls_G_u16p16[0]	43207
CDD_ModIdxFinal_UIs_G_u16p16[1]	43214
CDD MtrCurr1 Volts G f32[0]	2.0066247
CDD_MtrCurr1_Volts_G_f32[1]	1.00662482
CDD_MtrCurr2_Volts_G_f32[0]	0
CDD_MtrCurr2_Volts_G_f32[1]	0
CDD_MtrCurrDax_Amp_G_f32[0]	66.1999969
CDD_MtrCurrDax_Amp_G_f32[1]	88.0999985
CDD_MtrCurrK1_Amps_G_f32[0]	64.1500015
CDD_MtrCurrK1_Amps_G_f32[1]	79.5999985
CDD_MtrCurrK2_Amps_G_f32[0]	72.5
CDD_MtrCurrK2_Amps_G_f32[1] CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	93.2900009 124.269997
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	151.059998
CDD_MtrCurrQax_Amp_G_f32[0]	98.3199997
CDD_MtrCurrQax_Amp_G_f32[1]	119.690002
CDD_PWMDutyCycleASum_Cnt_G_u32[0]	4293
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	6031
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	1026
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	1040
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	230
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	424
CDD_PhaseAdvFinal_Cnt_G_u16[0] CDD_PhaseAdvFinal_Cnt_G_u16[1]	4777 6779
CDD_PhaseAdvFinal_Cnt_G_u16[1] CDD_RxMtrPos1ParityAccum_Cnt_G_u16[0]	3325
CDD RxMtrPos1ParityAccum Cnt G u16[1]	4535
CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[0]	6229
CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[1]	9023
CDD_SysCVSwitchADC_Cnt_G_u16[0]	238
CDD_SysCVSwitchADC_Cnt_G_u16[1]	480
CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[0]	17039
CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[1]	17695
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	17039
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	17695
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1]	198 200
PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2]	32189
Rte_Inst_Sa_CDDInterface	tgt_Rte_Inst_Sa_CDDInterface
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	545942
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	145956
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	645963

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Name	Input Value			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr1_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr1_Volts	_f32		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr2_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32			
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32$	tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPosFloat_Re				
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0				
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CumMechMtrPos_Rev_f32	tgt_CDDInterface_Per1_CumMechMtrPos_R	_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxError_Cnt_u16 tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_	tgt_CDDInterface_Per1_Die1RxError_Cnt_u target_CDDInterface_Per1_Die1UnderVoltgf			
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 Die1RxMtrPos Cnt u16	tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxRevCtr_Cnt_u16	tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxError_Cnt_u16	tgt_CDDInterface_Per1_Die2RxError_Cnt_u			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxMtrPos_Cnt_u16	tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_	_u16		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxRevCtr_Cnt_u16	tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_	_u16		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeA_	Cnt_u32		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeB_			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeC_	_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_LRPRPhaseadvanceCaptured_				
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32 tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeA_ tgt_CDDInterface_Per1_MeasuredOnTimeB_			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32	tgt CDDInterface Per1 MeasuredOnTimeC			
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 MechMtrPos1TimeStamp USe				
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MechMtrPos2TimeStamp_USe				
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ModIdxFinal_Uls_f32	tgt_CDDInterface_Per1_ModIdxFinal_Uls_f3			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrDax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrDax_Amp_f3	32		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK1_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32	2		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK2_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32				
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrQax_Amp_f			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u				
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCVSwitchADC_Cnt_u16	tgt_CDDInterface_Per1_SysCVSwitchADC_Cnt_u16			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCorrectedElecMtrPos_Rev_ tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_UncorrMechMtrPos1_Rev_u0p				
Name	Actual Value	Expected Value	Result	
CDD_CDDDataAccessBfr_Cnt_G_u16	0	0	ixesuit	
PXAccumPrev Cnt M u32[0]	68242	68242	V	
PXAccumPrev_Cnt_M_u32[1]	18244	18244		
PXAccumPrev_Cnt_M_u32[2]	80745	80745	✓	
target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	9023	9023	~	
tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value	1.00662482	1.00662482 ± 0.0625	~	
tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value	0	0 ± 0.0625	~	
tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value	4348.25781	4348.25781	~	
tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value	0.259994507	0.259994507	✓	
tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value	17039 0.0939941406	17039 0.0939941406 ± 0.0625		
tgt CDDInterface Per1 Die1RxError Cnt u16.value	5287	5287		
tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value	4909	4909	_	
tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value	5283	5283	✓	
tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value	5470	5470	~	
tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value	4722	4722	✓	
tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value	5096	5096	~	
tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value	6031	6031	~	
tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value	1040	1040		
tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value	424	424	~	
tgt_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value	635 68044	635 68044	-	
tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value	18044	18044		
tgt_CDDInterface_Per1_MeasuredOnTimeC_Ont_us2.value	48556	48556	~	
tgt CDDInterface Per1 MechMtrPos1TimeStamp USec u32.value	3974	3974	_	
tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value	5470	5470	•	
tgt_CDDInterface_Per1_ModIdxFinal_Uls_f32.value				
tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value	0.659393311	0.659393311 ± 0.0625		
tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32.value	0.659393311 88.0999985	0.659393311 ± 0.0625 88.0999985	V	
tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value	88.0999985 79.5999985	88.0999985 79.5999985	V	
	88.0999985 79.5999985 93.2900009	88.0999985 79.5999985 93.2900009	· ·	
tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value	88.0999985 79.5999985 93.2900009 151.059998	88.0999985 79.5999985 93.2900009 151.059998	· · · · · · · · · · · · · · · · · · ·	
tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value	88.0999985 79.5999985 93.2900009 151.059998 119.690002	88.099985 79.599985 93.290009 151.059998 119.690002	· · · · · · · · · · · · · · · · · · ·	
tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u16.value	88.0999985 79.5999985 93.2900009 151.059998 119.690002 4535	88.099985 79.599985 93.290009 151.059998 119.690002 4535	· · · · · · · · · · · · · · · · · · ·	
tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u16.value tgt_CDDInterface_Per1_SysCVSwitchADC_Cnt_u16.value	88.0999985 79.5999985 93.2900009 151.059998 119.690002 4535	88.0999985 79.5999985 93.290009 151.059998 119.690002 4535 480	· · · · · · · · · · · · · · · · · · ·	
tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u16.value	88.0999985 79.5999985 93.2900009 151.059998 119.690002 4535	88.099985 79.599985 93.290009 151.059998 119.690002 4535	· · · · · · · · · · · · · · · · · · ·	



Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
CDDPorts_ClearPhsReasSum	1	CDDPorts_ClearPhsReasSum	1	~

Test Step 2.28 (Repeat Count = 1)	Input Value
Name CDD_CDDDataAccessBfr_Cnt_G_u16	Input Value
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	3325.25806
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	4535.27979
CDD CorrectedElecMtrPos Rev G u0p16[0]	17039
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	17695
CDD_CumMechMtrPos_Rev_G_s15p16[0]	-792
CDD_CumMechMtrPos_Rev_G_s15p16[1]	-799
CDD_Die1RxError_Cnt_G_u16[0]	4530
CDD_Die1RxError_Cnt_G_u16[1]	5471
CDD_Die1RxMtrPos_Cnt_G_u16[0]	3688
CDD_Die1RxMtrPos_Cnt_G_u16[1]	5096
CDD_Die1RxRevCtr_Cnt_G_u16[0]	3930
CDD_Die1RxRevCtr_Cnt_G_u16[1]	5470
CDD_Die2RxError_Cnt_G_u16[0]	3889
CDD_Die2RxError_Cnt_G_u16[1]	5287
CDD_Die2RxMtrPos_Cnt_G_u16[0] CDD_Die2RxMtrPos_Cnt_G_u16[1]	3567 4909
	3809
CDD_Die2RxRevCtr_Cnt_G_u16[0] CDD_Die2RxRevCtr_Cnt_G_u16[1]	5283
CDD_blezkxkevcti_cfit_G_u1o[1] CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	3083
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	4161
CDD MechMtrPos2TimeStamp uSec G u32[0]	3889
CDD MechMtrPos2TimeStamp_uSec G u32[1]	5287
CDD_ModIdxFinal_Uls_G_u16p16[0]	8113
CDD_ModldxFinal_Uls_G_u16p16[1]	8119
CDD_MtrCurr1_Volts_G_f32[0]	0.00687960023
CDD_MtrCurr1_Volts_G_f32[1]	2.00687957
CDD_MtrCurr2_Volts_G_f32[0]	5
CDD_MtrCurr2_Volts_G_f32[1]	5
CDD_MtrCurrDax_Amp_G_f32[0]	-32
CDD_MtrCurrDax_Amp_G_f32[1]	-28
CDD_MtrCurrK1_Amps_G_f32[0]	65.8199997
CDD_MtrCurrK1_Amps_G_f32[1]	82.3399963
CDD_MtrCurrK2_Amps_G_f32[0]	74.1699982
CDD_MtrCurrK2_Amps_G_f32[1]	96.0390015
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	120.710999
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	130.934006 124.269997
CDD_MtrCurrQax_Amp_G_f32[0] CDD_MtrCurrQax_Amp_G_f32[1]	151.059998
CDD_PWMDutyCycleASum_Cnt_G_u32[0]	4414
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	6218
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	1147
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	1169
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	238
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	480
CDD_PhaseAdvFinal_Cnt_G_u16[0]	4898
CDD_PhaseAdvFinal_Cnt_G_u16[1]	6966
CDD_RxMtrPos1ParityAccum_Cnt_G_u16[0]	3446
CDD_RxMtrPos1ParityAccum_Cnt_G_u16[1]	4722
CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[0]	6350
CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[1]	9210
CDD_SysCVSwitchADC_Cnt_G_u16[0]	2962
CDD_SysCVSwitchADC_Cnt_G_u16[1]	3974
CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[0]	0
CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[1]	18350
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	0
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	18350
PXAccumPrev_Cnt_M_u32[0]	206
PXAccumPrev_Cnt_M_u32[1]	256 33414
PXAccumPrev_Cnt_M_u32[2] Rte_Inst_Sa_CDDInterface	tgt_Rte_Inst_Sa_CDDInterface
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	tgt_Rte_inst_Sa_CDDInterrace 145949
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	645963
	145970

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Name	Input Value		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr1_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_	_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr2_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_	_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32	tgt_CDDInterface_Per1_CorrMtrCurrPosition_	_Rev_f32	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPosFloat_Revenue and the property of the prop$	tgt_CDDInterface_Per1_CorrectedElecMtrPo	sFloat_Rev_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p	tgt_CDDInterface_Per1_CorrectedElecMtrPo	s_Rev_u0p16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CumMechMtrPos_Rev_f32	tgt_CDDInterface_Per1_CumMechMtrPos_R	ev_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxError_Cnt_u16	tgt_CDDInterface_Per1_Die1RxError_Cnt_u1		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_	target_CDDInterface_Per1_Die1UnderVoltgF		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxMtrPos_Cnt_u16	tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxRevCtr_Cnt_u16	tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxError_Cnt_u16	tgt_CDDInterface_Per1_Die2RxError_Cnt_u1		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxMtrPos_Cnt_u16 tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxRevCtr_Cnt_u16	tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_ tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_		
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 ExpectedOnTimeA Cnt u32	tgt_CDDInterface_Per1_ExpectedOnTimeA_		
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 ExpectedOnTimeB Cnt u32	tgt_CDDInterface_Per1_ExpectedOnTimeB_	_	
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 ExpectedOnTimeC Cnt u32	tgt CDDInterface Per1 ExpectedOnTimeC		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_LRPRPhaseadvanceCaptured_	tgt_CDDInterface_Per1_LRPRPhaseadvance	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeA_	Cnt_u32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeB_	_Cnt_u32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeC_	_Cnt_u32	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MechMtrPos1TimeStamp_USerserserserserserserserserserserserserse$	tgt_CDDInterface_Per1_MechMtrPos1TimeS	tamp_USec_u32	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MechMtrPos2TimeStamp_USerserserserserserserserserserserserserse$	tgt_CDDInterface_Per1_MechMtrPos2TimeS	tamp_USec_u32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ModIdxFinal_Uls_f32	tgt_CDDInterface_Per1_ModIdxFinal_Uls_f3		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrDax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrDax_Amp_f3	32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK1_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK2_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32	tgt_CDDInterface_Per1_MtrCurrQaxFinalRef		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrQax_Amp_f3		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u	tgt_CDDInterface_Per1_RxMtrPos1ParityAcc		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCVSwitchADC_Cnt_u16	tgt_CDDInterface_Per1_SysCVSwitchADC_0	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCorrectedElecMtrPos_Rev_ tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_UncorrMechMtrPos1_Rev_u0p	tgt_CDDInterface_Per1_SysCorrectedElecMt tgt_CDDInterface_Per1_UncorrMechMtrPos1		
	Actual Value	Expected Value	Pocult
Name		•	Result
CDD CDDDataAccessRfr Cnt G u16	I N	0	_
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32f01	18243	18243	~
PXAccumPrev_Cnt_M_u32[0]	18243	18243	\ \ \ \ \ \ \ \
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1]			~
PXAccumPrev_Cnt_M_u32[0]	18243 80745	18243 80745	*
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2]	18243 80745 18246	18243 80745 18246	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	18243 80745 18246 9210	18243 80745 18246 9210	· · · · · · · · · · · · · · · · · · ·
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value	18243 80745 18246 9210 2.00687957	18243 80745 18246 9210 2.00687957 ± 0.0625	· · · · · · · · · · · · · · · · · · ·
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value	18243 80745 18246 9210 2.00687957 5	18243 80745 18246 9210 2.00687957 ± 0.0625 5 ± 0.0625	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
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Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
CDDPorts_ClearPhsReasSum	1	CDDPorts_ClearPhsReasSum	1	~

Test Step 2.29 (Repeat Count = 1)	✓
Name	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16	0
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	4530.25
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	5471.25
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	0
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	18350
CDD_CumMechMtrPos_Rev_G_s15p16[0]	845
CDD_CumMechMtrPos_Rev_G_s15p16[1]	851
CDD_Die1RxError_Cnt_G_u16[0]	238
CDD_Die1RxError_Cnt_G_u16[1] CDD_Die1RxMtrPos_Cnt_G_u16[0]	480 3809
CDD_Die1RxMtrPos_Cnt_G_u16[1]	5283
CDD_Die1RxRevCtr_Cnt_G_u16[0]	3889
CDD_Die1RxRevCtr_Cnt_G_u16[1]	5287
CDD_Die2RxError_Cnt_G_u16[0]	4530
CDD_Die2RxError_Cnt_G_u16[1]	5471
CDD_Die2RxMtrPos_Cnt_G_u16[0]	3688
CDD_Die2RxMtrPos_Cnt_G_u16[1]	5096
CDD_Die2RxRevCtr_Cnt_G_u16[0]	3930
CDD_Die2RxRevCtr_Cnt_G_u16[1]	5470
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	3204
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	4348
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0]	4530
CDD_MechMtrPos2TimeStamp_uSec_G_u32[1]	5471
CDD_ModIdxFinal_Uls_G_u16p16[0]	20480 20486
CDD_ModldxFinal_Uls_G_u16p16[1] CDD MtrCurr1 Volts G f32[0]	1.00713444
CDD_MtrCurr1_Volts_G_f32[1]	4.00713444
CDD_MtrCurr2_Volts_G_f32[0]	1.00713444
CDD_MtrCurr2_Volts_G_f32[1]	4.00713444
CDD_MtrCurrDax_Amp_G_f32[0]	6.26999998
CDD_MtrCurrDax_Amp_G_f32[1]	11.2799997
CDD_MtrCurrK1_Amps_G_f32[0]	67.4899979
CDD_MtrCurrK1_Amps_G_f32[1]	85.0800018
CDD_MtrCurrK2_Amps_G_f32[0]	-74
CDD_MtrCurrK2_Amps_G_f32[1]	-64
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	144.751007
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	155.233994
CDD_MtrCurrQax_Amp_G_f32[0]	120.710999
CDD_MtrCurrQax_Amp_G_f32[1]	130.934006
CDD_PWMDutyCycleASum_Cnt_G_u32[0] CDD_PWMDutyCycleASum_Cnt_G_u32[1]	4535 6405
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	1268
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	1356
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	2962
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	3974
CDD_PhaseAdvFinal_Cnt_G_u16[0]	5019
CDD_PhaseAdvFinal_Cnt_G_u16[1]	7153
CDD_RxMtrPos1ParityAccum_Cnt_G_u16[0]	3567
CDD_RxMtrPos1ParityAccum_Cnt_G_u16[1]	4909
CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[0]	214
CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[1]	312
CDD_SysCVSwitchADC_Cnt_G_u16[0]	3083
CDD_SysCVSwitchADC_Cnt_G_u16[1]	4161
CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[0]	0
CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[1]	19005
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	10005
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	19005 5866
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1]	8462
PXAccumPrev_Cnt_M_u32[2]	34639
Rte_Inst_Sa_CDDInterface	tgt_Rte_Inst_Sa_CDDInterface
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	145956
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	145970
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	145977

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Name	Input Value		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr1_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr1_Volts	_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr2_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_	_f32	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32$	tgt_CDDInterface_Per1_CorrMtrCurrPosition_	_Rev_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CumMechMtrPos_Rev_f32	tgt_CDDInterface_Per1_CumMechMtrPos_R	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxError_Cnt_u16 tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_	tgt_CDDInterface_Per1_Die1RxError_Cnt_u1 target_CDDInterface_Per1_Die1UnderVoltgF		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxMtrPos_Cnt_u16	tgt CDDInterface Per1 Die1RxMtrPos Cnt		
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 Die1RxRevCtr Cnt u16	tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxError_Cnt_u16	tgt_CDDInterface_Per1_Die2RxError_Cnt_u1		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxMtrPos_Cnt_u16	tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_	u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxRevCtr_Cnt_u16	tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_	<u>u</u> 16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeA_	Cnt_u32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeB_	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeC_	-	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_LRPRPhaseadvanceCaptured_	tgt_CDDInterface_Per1_LRPRPhaseadvance		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32 tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeA_	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeD_Cin_u32	tgt_CDDInterface_Per1_MeasuredOnTimeB_ tgt_CDDInterface_Per1_MeasuredOnTimeC		
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 MechMtrPos1TimeStamp USe		_	
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 MechMtrPos2TimeStamp USe			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ModIdxFinal_UIs_f32	tgt_CDDInterface_Per1_ModIdxFinal_Uls_f32		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrDax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrDax_Amp_f3	32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK1_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32	2	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK2_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32	2	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32$	tgt_CDDInterface_Per1_MtrCurrQaxFinalRef	_Amp_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrQax_Amp_f3		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCVSwitchADC_Cnt_u16	tgt_CDDInterface_Per1_SysCVSwitchADC_C	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCorrectedElecMtrPos_Rev_	tgt_CDDInterface_Per1_SysCorrectedElecMt		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_UncorrMechMtrPos1_Rev_u0p	tgt_CDDInterface_Per1_UncorrMechMtrPos1 Actual Value		Populé
Name CDD_CDDDataAccessBfr_Cnt_G_u16	1	Expected Value	Result
CDD_CDDDataAccessbii_Citi_G_u10	!	•	•
PXAccumPrey Cnt M u32[0]	18244	18244	_
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1]	18244 18246	18244 18246	~
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2]	18244 18246 18247	18244 18246 18247	
PXAccumPrev_Cnt_M_u32[1]	18246	18246	~
PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2]	18246 18247	18246 18247	~
PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	18246 18247 214 1.00713444 1.00713444	18246 18247 214	· · · · · · · · · · · · · · · · · · ·
PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value	18246 18247 214 1.00713444 1.00713444 4530.25	18246 18247 214 1.00713444 ± 0.0625 1.00713444 ± 0.0625 4530.25	· · · · · · · · · · · · · · · · · · ·
PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value	18246 18247 214 1.00713444 1.00713444 4530.25	18246 18247 214 1.00713444 ± 0.0625 1.00713444 ± 0.0625 4530.25	· · · · · · · · · · · · · · · · · · ·
PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value	18246 18247 214 1.00713444 1.00713444 4530.25 0	18246 18247 214 1.00713444 ± 0.0625 1.00713444 ± 0.0625 4530.25 0	· · · · · · · · · · · · · · · · · · ·
PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CurmMechMtrPos_Rev_f32.value	18246 18247 214 1.00713444 1.00713444 4530.25 0 0	18246 18247 214 1.00713444 ± 0.0625 1.00713444 ± 0.0625 4530.25 0 0 0.0128936768 ± 0.0625	· · · · · · · · · · · · · · · · · · ·
PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value	18246 18247 214 1.00713444 1.00713444 4530.25 0 0 0.0128936768 238	18246 18247 214 1.00713444 ± 0.0625 1.00713444 ± 0.0625 4530.25 0 0 0.0128936768 ± 0.0625 238	· · · · · · · · · · · · · · · · · · ·
PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value	18246 18247 214 1.00713444 1.00713444 4530.25 0 0 0.0128936768 238 3809	18246 18247 214 1.00713444 ± 0.0625 1.00713444 ± 0.0625 4530.25 0 0 0.0128936768 ± 0.0625 238 3809	· · · · · · · · · · · · · · · · · · ·
PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value	18246 18247 214 1.00713444 1.00713444 4530.25 0 0 0.0128936768 238 3809 3889	18246 18247 214 1.00713444 ± 0.0625 1.00713444 ± 0.0625 4530.25 0 0 0.0128936768 ± 0.0625 238 3809 3889	· · · · · · · · · · · · · · · · · · ·
PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value	18246 18247 214 1.00713444 1.00713444 4530.25 0 0 0.0128936768 238 3809	18246 18247 214 1.00713444 ± 0.0625 1.00713444 ± 0.0625 4530.25 0 0 0.0128936768 ± 0.0625 238 3809	· · · · · · · · · · · · · · · · · · ·
PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value	18246 18247 214 1.00713444 1.00713444 4530.25 0 0 0.0128936768 238 3809 3889 4530	18246 18247 214 1.00713444 ± 0.0625 1.00713444 ± 0.0625 4530.25 0 0 0.0128936768 ± 0.0625 238 3809 3889 4530	> > > > > > > > > > > > > > > > > > >
PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value	18246 18247 214 1.00713444 1.00713444 4530.25 0 0 0.0128936768 238 3809 3889 4530 3688	18246 18247 214 1.00713444 ± 0.0625 1.00713444 ± 0.0625 4530.25 0 0 0.0128936768 ± 0.0625 238 3809 3889 4530 3688	> > > > > > > > > > > > > > > > > > >
PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value	18246 18247 214 1.00713444 1.00713444 4530.25 0 0 0.0128936768 238 3809 3889 4530 3688 3930	18246 18247 214 1.00713444 ± 0.0625 1.00713444 ± 0.0625 4530.25 0 0 0.0128936768 ± 0.0625 238 3809 3889 4530 3688 3930	> > > > > > > > > > > > > > > > > > >
PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value	18246 18247 214 1.00713444 1.00713444 4530.25 0 0 0.0128936768 238 3809 3889 4530 3688 3930 4535 1268 2962	18246 18247 214 1.00713444 ± 0.0625 1.00713444 ± 0.0625 4530.25 0 0 0.0128936768 ± 0.0625 238 3809 3889 4530 3688 3930 4535 1268 2962	· · · · · · · · · · · · · · · · · · ·
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PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MchMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MchMtrCurrK1_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value	18246 18247 214 1.00713444 1.00713444 4530.25 0 0 0 0.0128936768 238 3809 3889 4530 3688 3930 4535 1268 2962 470 12378 9784 536854520 3204 4530 0.3125 6.26999998 67.4899979 -74	18246 18247 214 1.00713444 ± 0.0625 1.00713444 ± 0.0625 4530.25 0 0 0 0.0128936768 ± 0.0625 238 3809 3889 4530 3688 3930 4535 1268 2962 470 12378 9784 536854520 3204 4530 0.3125 ± 0.0625 6.26999998 67.4899979 -74	> > > > > > > > > > > > > > > > > > >
PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeS_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeS_Cnt_u32.value tgt_CDDInterface_Per1_MeoldxFinal_Uls_f32.value tgt_CDDInterface_Per1_MeoldxFinal_Uls_f32.value tgt_CDDInterface_Per1_MeoldxFinal_Uls_f32.value tgt_CDDInterface_Per1_McUrrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_FinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_FinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value	18246 18247 214 1.00713444 1.00713444 4530.25 0 0 0 0.0128936768 238 3809 3889 4530 3688 3930 4535 1268 2962 470 12378 9784 536854520 3204 4530 0.3125 6.26999998 67.4899979 -74 144.751007 120.710999 3567	18246 18247 214 1.00713444 ± 0.0625 1.00713444 ± 0.0625 4530.25 0 0 0.0128936768 ± 0.0625 238 3809 3889 4530 3688 3930 4535 1268 2962 470 12378 9784 536854520 3204 4530 0.3125 ± 0.0625 6.26999998 67.4899979 -74 144.751007 120.710999 3567	> > > > > > > > > > > > > > > > > > >
PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeoMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MeoMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MecMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MtrCurrR1_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrR2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrR2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrR2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrR2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrR2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrR2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrR2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrR2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrR2_Amp_f32.value	18246 18247 214 1.00713444 1.00713444 4530.25 0 0 0.0128936768 238 3809 3889 4530 3688 3930 4535 1268 2962 470 12378 9784 536854520 3204 4530 0.3125 6.26999998 67.4899979 -74 144.751007 120.710999 3567 3083	18246 18247 214 1.00713444 ± 0.0625 1.00713444 ± 0.0625 4530.25 0 0 0.0128936768 ± 0.0625 238 3809 3889 4530 3688 3930 4535 1268 2962 470 12378 9784 536854520 3204 4530 0.3125 ± 0.0625 6.26999998 67.4899979 -74 144.751007 120.710999 3567 3083	> > > > > > > > > > > > > > > > > > >
PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeS_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeS_Cnt_u32.value tgt_CDDInterface_Per1_MeoldxFinal_Uls_f32.value tgt_CDDInterface_Per1_MeoldxFinal_Uls_f32.value tgt_CDDInterface_Per1_MeoldxFinal_Uls_f32.value tgt_CDDInterface_Per1_McUrrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_FinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_FinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value	18246 18247 214 1.00713444 1.00713444 4530.25 0 0 0 0.0128936768 238 3809 3889 4530 3688 3930 4535 1268 2962 470 12378 9784 536854520 3204 4530 0.3125 6.26999998 67.4899979 -74 144.751007 120.710999 3567	18246 18247 214 1.00713444 ± 0.0625 1.00713444 ± 0.0625 4530.25 0 0 0.0128936768 ± 0.0625 238 3809 3889 4530 3688 3930 4535 1268 2962 470 12378 9784 536854520 3204 4530 0.3125 ± 0.0625 6.26999998 67.4899979 -74 144.751007 120.710999 3567	





Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
CDDPorts_ClearPhsReasSum	1	CDDPorts_ClearPhsReasSum	1	~

Test Step 2.30 (Repeat Count = 1)	✓
Name	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16	1
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	2962.25
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	3974.25
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	0
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	19005
CDD_CumMechMtrPos_Rev_G_s15p16[0]	-858
CDD_CumMechMtrPos_Rev_G_s15p16[1]	-865
CDD_Die1RxError_Cnt_G_u16[0] CDD_Die1RxError_Cnt_G_u16[1]	2962 3974
CDD_Die1RxError_Cnt_G_u16[1] CDD_Die1RxMtrPos_Cnt_G_u16[0]	3930
CDD_Die1RxMtrPos_Cnt_G_u16[1]	5470
CDD_Die1RxRevCtr_Cnt_G_u16[0]	4530
CDD_Die1RxRevCtr_Cnt_G_u16[1]	5471
CDD_Die2RxError_Cnt_G_u16[0]	238
CDD_Die2RxError_Cnt_G_u16[1]	480
CDD_Die2RxMtrPos_Cnt_G_u16[0]	3809
CDD_Die2RxMtrPos_Cnt_G_u16[1]	5283
CDD_Die2RxRevCtr_Cnt_G_u16[0]	3889
CDD_Die2RxRevCtr_Cnt_G_u16[1] CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	5287
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0] CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	3325 4535
CDD MechMtrPos2TimeStamp_uSec_G_u32[0]	238
CDD_MechMtrPos2TimeStamp_uSec_G_u32[1]	480
CDD_ModIdxFinal_UIs_G_u16p16[0]	0
CDD_ModIdxFinal_Uls_G_u16p16[1]	0
CDD_MtrCurr1_Volts_G_f32[0]	1.00968242
CDD_MtrCurr1_Volts_G_f32[1]	2.00968242
CDD_MtrCurr2_Volts_G_f32[0]	1.00968242
CDD_MtrCurr2_Volts_G_f32[1]	2.00968242
CDD_MtrCurrDax_Amp_G_f32[0]	34
CDD_MtrCurrDax_Amp_G_f32[1]	54
CDD_MtrCurrK1_Amps_G_f32[0] CDD_MtrCurrK1_Amps_G_f32[1]	-87.8199997 -69.1600037
CDD_MtrCurrK2_Amps_G_f32[0]	75.5
CDD_MtrCurrK2_Amps_G_f32[1]	83.8000031
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	-168.791
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	-159.533997
CDD_MtrCurrQax_Amp_G_f32[0]	144.751007
CDD_MtrCurrQax_Amp_G_f32[1]	155.233994
CDD_PWMDutyCycleASum_Cnt_G_u32[0]	4656
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	6592
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	1389
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	1543
CDD_PWMDutyCycleCSum_Cnt_G_u32[0] CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	3083 4161
CDD_PhaseAdvFinal_Cnt_G_u16[0]	2236
CDD_PhaseAdvFinal_Cnt_G_u16[1]	2852
CDD_RxMtrPos1ParityAccum_Cnt_G_u16[0]	3688
CDD_RxMtrPos1ParityAccum_Cnt_G_u16[1]	5096
CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[0]	222
CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[1]	368
CDD_SysCVSwitchADC_Cnt_G_u16[0]	3204
CDD_SysCVSwitchADC_Cnt_G_u16[1]	4348
CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[0]	19005
CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[1] CDD UncorrMechMtrPos1 Rev G u0p16[0]	19661 19005
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	19661
PXAccumPrev_Cnt_M_u32[0]	5987
PXAccumPrev_Cnt_M_u32[1]	8649
PXAccumPrev_Cnt_M_u32[2]	35864
Rte_Inst_Sa_CDDInterface	tgt_Rte_Inst_Sa_CDDInterface
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	645963
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	145977
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	845984

2015-02-18, 15:41:12+0530



Name	Input Value		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr1_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr1_Volts	f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr2_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr2_Volts		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32	tgt_CDDInterface_Per1_CorrMtrCurrPosition	Rev_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev	tgt_CDDInterface_Per1_CorrectedElecMtrPc	sFloat_Rev_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p	tgt_CDDInterface_Per1_CorrectedElecMtrPc	s_Rev_u0p16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CumMechMtrPos_Rev_f32	tgt_CDDInterface_Per1_CumMechMtrPos_R	tev_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxError_Cnt_u16	tgt_CDDInterface_Per1_Die1RxError_Cnt_u	16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_	target_CDDInterface_Per1_Die1UnderVoltgF		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxMtrPos_Cnt_u16	tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxRevCtr_Cnt_u16	tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxError_Cnt_u16	tgt_CDDInterface_Per1_Die2RxError_Cnt_u		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxMtrPos_Cnt_u16	tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxRevCtr_Cnt_u16 tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32	tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_ tgt_CDDInterface_Per1_ExpectedOnTimeA_		
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 ExpectedOnTimeB Cnt u32	tgt_CDDInterface_Per1_ExpectedOnTimeA_		
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 ExpectedOnTimeC Cnt u32	tgt CDDInterface Per1 ExpectedOnTimeC		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_LRPRPhaseadvanceCaptured_	tgt_CDDInterface_Per1_LRPRPhaseadvance	-	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeA		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeB		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeC	_Cnt_u32	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MechMtrPos1TimeStamp_USerserserserserserserserserserserserserse$	tgt_CDDInterface_Per1_MechMtrPos1TimeS	stamp_USec_u32	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MechMtrPos2TimeStamp_USerserserserserserserserserserserserserse$	tgt_CDDInterface_Per1_MechMtrPos2TimeS	stamp_USec_u32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ModIdxFinal_UIs_f32	tgt_CDDInterface_Per1_ModIdxFinal_Uls_f3	2	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrDax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrDax_Amp_f3	32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK1_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32	2	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK2_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32	tgt_CDDInterface_Per1_MtrCurrQaxFinalRef		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrQax_Amp_f3		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCVSwitchADC_Cnt_u16	tgt_CDDInterface_Per1_SysCVSwitchADC_0	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCorrectedElecMtrPos_Rev_	tgt_CDDInterface_Per1_SysCorrectedElecM		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_UncorrMechMtrPos1_Rev_u0p	tgt_CDDInterface_Per1_UncorrMechMtrPos		Daguile
Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	0	0 80745	~
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1]	80745 18247	18247	
PXAccumPrev_Cnt_M_u32[2]	105748	105748	✓
target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	368	368	-
tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value	2.00968242	2.00968242 ± 0.0625	-
tgt CDDInterface Per1 ADCMtrCurr2 Volts f32.value	2.00968242	2.00968242 ± 0.0625	-
tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value	3974.25	3974.25	-
tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value	0.289993286	0.289993286	~
tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value	19005	19005	~
tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value	-0.0131988525	-0.0131988525 ± 0.0625	~
tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value	3974	3974	~
tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value	5470	5470	~
tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value	5471	5471	✓
tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value	480	480	•
tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value	5283	5283	V
tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value	5287	5287	•
tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value	6592	6592	•
tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value	1543	1543	*
tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value	4161 267	4161 267	-
tgt_CDDInterface_Per1_LRPRPriaseadvanceCaptured_Cnt_s16.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value	74758	74758	-
tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value	9598	9598	
tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value	69884	69884	✓
tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value	4535	4535	-
tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value	480	480	•
tgt_CDDInterface_Per1_ModIdxFinal_UIs_f32.value	0	0 ± 0.0625	-
tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value	U		-
tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32.value	54	54	
		54 -69.1600037	
tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value	54		~
tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value	54 -69.1600037	-69.1600037	~
tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value	54 -69.1600037 83.8000031	-69.1600037 83.8000031 -159.533997 155.233994	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u16.value	54 -69.1600037 83.8000031 -159.533997 155.233994 5096	-69.1600037 83.8000031 -159.533997 155.233994 5096	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u16.value tgt_CDDInterface_Per1_SysCVSwitchADC_Cnt_u16.value	54 -69.1600037 83.8000031 -159.533997 155.233994 5096 4348	-69.1600037 83.8000031 -159.533997 155.233994 5096 4348	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u16.value	54 -69.1600037 83.8000031 -159.533997 155.233994 5096	-69.1600037 83.8000031 -159.533997 155.233994 5096	~





Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
CDDPorts_ClearPhsReasSum	1	CDDPorts_ClearPhsReasSum	1	~

Test Step 2.31 (Repeat Count = 1)	·
Name	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16	1
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	3083.23999
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	4161.27979
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	19005
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	19661
CDD_CumMechMtrPos_Rev_G_s15p16[0]	0
CDD_CumMechMtrPos_Rev_G_s15p16[1]	878
CDD_Die1RxError_Cnt_G_u16[0]	3083
CDD_Die1RxError_Cnt_G_u16[1]	4161 3889
CDD_Die1RxMtrPos_Cnt_G_u16[0] CDD_Die1RxMtrPos_Cnt_G_u16[1]	5287
CDD_Die1RxRevCtr_Cnt_G_u16[0]	238
CDD_Die1RxRevCtr_Cnt_G_u16[1]	480
CDD_Die2RxError_Cnt_G_u16[0]	2962
CDD_Die2RxError_Cnt_G_u16[1]	3974
CDD_Die2RxMtrPos_Cnt_G_u16[0]	3930
CDD_Die2RxMtrPos_Cnt_G_u16[1]	5470
CDD_Die2RxRevCtr_Cnt_G_u16[0]	4530
CDD_Die2RxRevCtr_Cnt_G_u16[1]	5471
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	3446
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	4722
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0]	2962
CDD_MechMtrPos2TimeStamp_uSec_G_u32[1]	3974
CDD_ModIdxFinal_Uls_G_u16p16[0]	65534
CDD_ModldxFinal_Uls_G_u16p16[1] CDD MtrCurr1 Volts G f32[0]	65534 2.00764394
CDD_MtrCurr1_Volts_G_f32[1]	1.00764406
CDD_MtrCurr2_Volts_G_f32[0]	1.00764406
CDD_MtrCurr2_Volts_G_f32[1]	2.00764394
CDD_MtrCurrDax_Amp_G_f32[0]	59.2700005
CDD_MtrCurrDax_Amp_G_f32[1]	67.8899994
CDD_MtrCurrK1_Amps_G_f32[0]	70.8300018
CDD_MtrCurrK1_Amps_G_f32[1]	90.5599976
CDD_MtrCurrK2_Amps_G_f32[0]	50
CDD_MtrCurrK2_Amps_G_f32[1]	60
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	192.830994
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	203.834
CDD_MtrCurrQax_Amp_G_f32[0]	-168.791
CDD_MtrCurrQax_Amp_G_f32[1]	-159.533997
CDD_PWMDutyCycleASum_Cnt_G_u32[0] CDD_PWMDutyCycleASum_Cnt_G_u32[1]	4777 6779
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	1510
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	1730
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	3204
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	4348
CDD_PhaseAdvFinal_Cnt_G_u16[0]	2357
CDD_PhaseAdvFinal_Cnt_G_u16[1]	3039
CDD_RxMtrPos1ParityAccum_Cnt_G_u16[0]	3809
CDD_RxMtrPos1ParityAccum_Cnt_G_u16[1]	5283
CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[0]	230
CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[1]	424
CDD_SysCVSwitchADC_Cnt_G_u16[0]	3325
CDD_SysCVSwitchADC_Cnt_G_u16[1]	4535
CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[0]	0
CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[1]	20316
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	0
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	20316
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1]	6108 8836
PXAccumPrev_Cnt_M_u32[1]	37089
Rte_Inst_Sa_CDDInterface	tgt_Rte_Inst_Sa_CDDInterface
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	145970
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	845984
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	145991

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Name	Input Value		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr1_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr1_Volts	_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr2_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_	_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32	tgt_CDDInterface_Per1_CorrMtrCurrPosition_	_Rev_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CumMechMtrPos_Rev_f32	tgt_CDDInterface_Per1_CumMechMtrPos_R	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxError_Cnt_u16 tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_	tgt_CDDInterface_Per1_Die1RxError_Cnt_u1 target_CDDInterface_Per1_Die1UnderVoltgF		
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 Die1RxMtrPos Cnt u16	tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxRevCtr_Cnt_u16	tgt CDDInterface Per1 Die1RxRevCtr Cnt		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxError_Cnt_u16	tgt_CDDInterface_Per1_Die2RxError_Cnt_u1		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxMtrPos_Cnt_u16	tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_	u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxRevCtr_Cnt_u16	tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_	<u>u</u> 16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeA_	Cnt_u32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeB_	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeC_	-	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_LRPRPhaseadvanceCaptured_	tgt_CDDInterface_Per1_LRPRPhaseadvance		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32 tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeA_ tgt_CDDInterface_Per1_MeasuredOnTimeB	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeD_Cin_u32	tgt_CDDInterface_Per1_MeasuredOnTimeC	-	
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 MechMtrPos1TimeStamp USe		-	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MechMtrPos2TimeStamp_USe			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ModIdxFinal_UIs_f32	tgt_CDDInterface_Per1_ModIdxFinal_Uls_f32		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrDax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrDax_Amp_f3		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK1_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32	2	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK2_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32	2	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32$	tgt_CDDInterface_Per1_MtrCurrQaxFinalRef	_Amp_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrQax_Amp_f3		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCVSwitchADC_Cnt_u16	tgt_CDDInterface_Per1_SysCVSwitchADC_C	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCorrectedElecMtrPos_Rev_	tgt_CDDInterface_Per1_SysCorrectedElecMt		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_UncorrMechMtrPos1_Rev_u0p	tgt_CDDInterface_Per1_UncorrMechMtrPos1 Actual Value	Expected Value	Result
Name CDD_CDDDataAccessBfr_Cnt_G_u16	0	0	Result
PXAccumPrev Cnt M u32[0]	18246		~
		18246 105748	
PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2]	105748 18248	105748 18248	
PXAccumPrev_Cnt_M_u32[1]	105748	105748	~
PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2]	105748 18248	105748 18248	~
PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	105748 18248 424	105748 18248 424	· · · · · · · · · · · · · · · · · · ·
PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value	105748 18248 424 1.00764406 2.00764394 4161.27979	105748 18248 424 1.00764406 ± 0.0625 2.00764394 ± 0.0625 4161.27979	· · · · · · · · · · · · · · · · · · ·
PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value	105748 18248 424 1.00764406 2.00764394 4161.27979 0.300003052	105748 18248 424 1.00764406 ± 0.0625 2.00764394 ± 0.0625 4161.27979 0.300003052	***************************************
PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value	105748 18248 424 1.00764406 2.00764394 4161.27979 0.300003052 19661	105748 18248 424 1.00764406 ± 0.0625 2.00764394 ± 0.0625 4161.27979 0.300003052 19661	· · · · · · · · · · · · · · · · · · ·
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PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MtrCurrR2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrR2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrR2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_FinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_FinalRef_Amp_f32.value	105748 18248 424 1.00764406 2.00764394 4161.27979 0.300003052 19661 0.0133972168 4161 5287 480 3974 5470 5471 6779 1730 4348 284 12138 96912 536852071 4722 3974 0.999969482 67.889994 90.5599976 60 203.834 -159.533997	105748 18248 424 1.00764406 ± 0.0625 2.00764394 ± 0.0625 4161.27979 0.300003052 19661 0.0133972168 ± 0.0625 4161 5287 480 3974 5470 5471 6779 1730 4348 284 12138 96912 536852071 4722 3974 0.999984741 ± 0.0625 67.889994 90.5599976 60 203.834 -159.533997	
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PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_u0p16.value tgt_CDDInterface_Per1_CurmMechMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value	105748 18248 424 1.00764406 2.00764394 4161.27979 0.300003052 19661 0.0133972168 4161 5287 480 3974 5470 5471 6779 1730 4348 284 12138 96912 536852071 4722 3974 0.999969482 67.889994 90.5599976 60 203.834 -159.533997 5283 4535	105748 18248 424 1.00764406 ± 0.0625 2.00764394 ± 0.0625 4161.27979 0.30003052 19661 0.0133972168 ± 0.0625 4161 5287 480 3974 5470 5471 6779 1730 4348 284 12138 96912 536852071 4722 3974 0.999984741 ± 0.0625 67.8899994 90.5599976 60 203.834 -159.533997 5283 4535	
PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxErvCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeS_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeS_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_FinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_FinalRef_Amp_f32.value	105748 18248 424 1.00764406 2.00764394 4161.27979 0.300003052 19661 0.0133972168 4161 5287 480 3974 5470 5471 6779 1730 4348 284 12138 96912 536852071 4722 3974 0.999969482 67.889994 90.5599976 60 203.834 -159.533997 5283	105748 18248 424 1.00764406 ± 0.0625 2.00764394 ± 0.0625 4161.27979 0.300003052 19661 0.0133972168 ± 0.0625 4161 5287 480 3974 5470 5471 6779 1730 4348 284 12138 96912 536852071 4722 3974 0.999984741 ± 0.0625 67.889994 90.5599976 60 203.834 -159.533997 5283	



Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Resu
CDDPorts ClearPhsReasSum	1	CDDPorts ClearPhsReasSum	1	

Fest Step 2.32 (Repeat Count = 1)	Innut Value
Name	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16 CDD_CorrMtrCurrPosition_Rev_G_f32[0]	6229.27979
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	9023.54004
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	0
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	20316
CDD_CumMechMtrPos_Rev_G_s15p16[0]	-884
CDD_CumMechMtrPos_Rev_G_s15p16[1]	-891
CDD_Die1RxError_Cnt_G_u16[0]	6229
CDD_Die1RxError_Cnt_G_u16[1]	9023
CDD_Die1RxMtrPos_Cnt_G_u16[0]	4530
CDD_Die1RxMtrPos_Cnt_G_u16[1]	5471
CDD_Die1RxRevCtr_Cnt_G_u16[0]	2962
CDD_Die1RxRevCtr_Cnt_G_u16[1]	3974
CDD_Die2RxError_Cnt_G_u16[0]	3083
CDD_Die2RxError_Cnt_G_u16[1]	4161
CDD_Die2RxMtrPos_Cnt_G_u16[0]	3889
CDD_Die2RxMtrPos_Cnt_G_u16[1]	5287
CDD_Die2RxRevCtr_Cnt_G_u16[0]	238
CDD_Die2RxRevCtr_Cnt_G_u16[1]	480
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	3567
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	4909
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0]	3083
CDD MechMtrPos2TimeStamp_uSec G u32[1]	4161
CDD_ModIdxFinal_Uls_G_u16p16[0]	24176
CDD_ModIdxFinal_UIs_G_u16p16[1]	24182
CDD_MtrCurr1_Volts_G_f32[0]	0.00789880008
DD_MtrCurr1_Volts_G_f32[1]	2.00789881
CDD_MtrCurr2_Volts_G_f32[0]	0.00789880008
CDD_MtrCurr2_Volts_G_f32[1]	1.00789881
CDD_MtrCurrDax_Amp_G_f32[0]	-74
CDD_MtrCurrDax_Amp_G_f32[1]	-64
CDD_MtrCurrK1_Amps_G_f32[0]	72.5
CDD_MtrCurrK1_Amps_G_f32[1]	93.2900009
CDD_MtrCurrK2_Amps_G_f32[0]	55.7999992
CDD_MtrCurrK2_Amps_G_f32[1]	65.9000015
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	141.156998
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	151.380005
CDD_MtrCurrQax_Amp_G_f32[0]	192.830994
CDD_MtrCurrQax_Amp_G_f32[1]	203.834
CDD_PWMDutyCycleASum_Cnt_G_u32[0]	4898
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	6966
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	1631
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	1917
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	3325
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	4535
CDD_PhaseAdvFinal_Cnt_G_u16[0]	2478
CDD_PhaseAdvFinal_Cnt_G_u16[1]	3226
DD_RxMtrPos1ParityAccum_Cnt_G_u16[0]	3930
CDD_RxMtrPos1ParityAccum_Cnt_G_u16[1]	5470
DD_RxMtrPos1UnderVoltgFitAccum_Cnt_u16[0]	5140
CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[1]	7340
CDD_SysCVSwitchADC_Cnt_G_u16[0]	3446
DD_SysCVSwitchADC_Cnt_G_u16[1]	4722
DD_SysCorrectedElecMtrPos_Rev_G_u0p16[0]	20316
CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[1]	20971
DD_UncorrMechMtrPos1_Rev_G_u0p16[0]	20316
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	20971
PXAccumPrev_Cnt_M_u32[0]	6229
PXAccumPrev_Cnt_M_u32[1]	9023
PXAccumPrev_Cnt_M_u32[2]	38314
Rte_Inst_Sa_CDDInterface	tgt_Rte_Inst_Sa_CDDInterface
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	145977
	145991
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	145998

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Name	Input Value		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr1_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr1_Volts	_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr2_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr2_Volts	_f32	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32$	tgt_CDDInterface_Per1_CorrMtrCurrPosition	_Rev_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CumMechMtrPos_Rev_f32	tgt_CDDInterface_Per1_CumMechMtrPos_R	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxError_Cnt_u16 tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_	tgt_CDDInterface_Per1_Die1RxError_Cnt_u' target_CDDInterface_Per1_Die1UnderVoltgF		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxMtrPos_Cnt_u16	tgt CDDInterface Per1 Die1RxMtrPos Cnt		
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 Die1RxRevCtr Cnt u16	tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxError_Cnt_u16	tgt_CDDInterface_Per1_Die2RxError_Cnt_u		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxMtrPos_Cnt_u16	tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_	u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxRevCtr_Cnt_u16	tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_	<u>u</u> 16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeA_	Cnt_u32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeB_	Cnt_u32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeC_	-	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_LRPRPhaseadvanceCaptured_	tgt_CDDInterface_Per1_LRPRPhaseadvance		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeA_	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32 tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeB_ tgt_CDDInterface_Per1_MeasuredOnTimeC		
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 MechMtrPos1TimeStamp USe		-	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MechMtrPos2TimeStamp_USe			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ModIdxFinal_UIs_f32	tgt_CDDInterface_Per1_ModIdxFinal_Uls_f3:		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrDax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrDax_Amp_f3		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK1_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK2_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32	2	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32$	tgt_CDDInterface_Per1_MtrCurrQaxFinalRef	_Amp_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrQax_Amp_f3	32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u	tgt_CDDInterface_Per1_RxMtrPos1ParityAcc	cum_Cnt_u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCVSwitchADC_Cnt_u16	tgt_CDDInterface_Per1_SysCVSwitchADC_0	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCorrectedElecMtrPos_Rev_	tgt_CDDInterface_Per1_SysCorrectedElecMi		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_UncorrMechMtrPos1_Rev_u0p			Decute
Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPray_Cnt_M_u32(0)	18247	1	~
PXAccumPrev_Cnt_M_u32[0]	18247	18247	*
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1]			
PXAccumPrev_Cnt_M_u32[0]	18247 18248	18247 18248	~
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2]	18247 18248 18249	18247 18248 18249	~
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	18247 18248 18249 5140	18247 18248 18249 5140	\rightarrow \frac{1}{\rightarrow \cdot \frac{1}{\rightarrow \cdot
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value	18247 18248 18249 5140 0.00789880008 0.00789880008 6229.27979	18247 18248 18249 5140 0.00789880008 ± 0.0625 0.00789880008 ± 0.0625 6229.27979	· · · · · · · · · · · · · · · · · · ·
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value	18247 18248 18249 5140 0.00789880008 0.00789880008 6229.27979 0	18247 18248 18249 5140 0.00789880008 ± 0.0625 0.00789880008 ± 0.0625 6229.27979	· · · · · · · · · · · · · · · · · · ·
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value	18247 18248 18249 5140 0.00789880008 0.00789880008 6229.27979 0	18247 18248 18249 5140 0.00789880008 ± 0.0625 0.00789880008 ± 0.0625 6229.27979 0	*
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CurmMechMtrPos_Rev_f32.value	18247 18248 18249 5140 0.00789880008 0.00789880008 6229.27979 0 0 -0.0134887695	18247 18248 18249 5140 0.00789880008 ± 0.0625 0.00789880008 ± 0.0625 6229.27979 0 0 -0.0135040283 ± 0.0625	· · · · · · · · · · · · · · · · · · ·
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PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value	18247 18248 18249 5140 0.00789880008 0.00789880008 6229.27979 0 0 -0.0134887695 6229 4530 2962	18247 18248 18249 5140 0.00789880008 ± 0.0625 0.00789880008 ± 0.0625 6229.27979 0 0 -0.0135040283 ± 0.0625 6229 4530 2962	· · · · · · · · · · · · · · · · · · ·
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value	18247 18248 18249 5140 0.00789880008 0.00789880008 6229.27979 0 0 -0.0134887695 6229 4530	18247 18248 18249 5140 0.00789880008 ± 0.0625 0.00789880008 ± 0.0625 6229.27979 0 0 -0.0135040283 ± 0.0625 6229 4530	***************************************
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value	18247 18248 18249 5140 0.00789880008 0.00789880008 6229.27979 0 0 -0.0134887695 6229 4530 2962 3083	18247 18248 18249 5140 0.00789880008 ± 0.0625 0.00789880008 ± 0.0625 6229.27979 0 0 -0.0135040283 ± 0.0625 6229 4530 2962 3083	· · · · · · · · · · · · · · · · · · ·
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value	18247 18248 18249 5140 0.00789880008 0.00789880008 6229.27979 0 0 -0.0134887695 6229 4530 2962 3083 3889	18247 18248 18249 5140 0.00789880008 ± 0.0625 0.00789880008 ± 0.0625 6229.27979 0 0 -0.0135040283 ± 0.0625 6229 4530 2962 3083 3889	***************************************
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value	18247 18248 18249 5140 0.00789880008 0.00789880008 6229.27979 0 0 -0.0134887695 6229 4530 2962 3083 3889 238	18247 18248 18249 5140 0.00789880008 ± 0.0625 0.00789880008 ± 0.0625 6229.27979 0 0 -0.0135040283 ± 0.0625 6229 4530 2962 3083 3889 238	***************************************
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value	18247 18248 18249 5140 0.00789880008 0.00789880008 6229.27979 0 0 -0.0134887695 6229 4530 2962 3083 3889 238 4898	18247 18248 18249 5140 0.00789880008 ± 0.0625 0.00789880008 ± 0.0625 6229.27979 0 0 -0.0135040283 ± 0.0625 6229 4530 2962 3083 3889 238 4898	***************************************
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CurmMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value	18247 18248 18249 5140 0.00789880008 0.00789880008 6229.27979 0 0 -0.0134887695 6229 4530 2962 3083 3889 238 4898 1631 3325 232	18247 18248 18249 5140 0.00789880008 ± 0.0625 0.00789880008 ± 0.0625 6229.27979 0 0 -0.0135040283 ± 0.0625 6229 4530 2962 3083 3889 238 4898 1631 3325 232	***************************************
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_RPRPhaseadvanceCaptured_Cnt_s16.value tgt_CDDInterface_Per1_RevertedOnTimeA_Cnt_u32.value	18247 18248 18249 5140 0.00789880008 0.00789880008 6229.27979 0 0 -0.0134887695 6229 4530 2962 3083 3889 238 4898 1631 3325 232 12018	18247 18248 18249 5140 0.00789880008 ± 0.0625 0.00789880008 ± 0.0625 6229.27979 0 0 -0.0135040283 ± 0.0625 6229 4530 2962 3083 3889 238 4898 1631 3325 232	***************************************
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PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MctCurrK2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrAx_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrAx_Amp_f32.value	18247 18248 18249 5140 0.00789880008 0.00789880008 6229.27979 0 0 -0.0134887695 6229 4530 2962 3083 3889 238 4898 1631 3325 232 12018 9225 536850847 3567 3083 0.368896484 -74 72.5 55.7999992 141.156998	18247 18248 18249 5140 0.00789880008 ± 0.0625 0.00789880008 ± 0.0625 6229.27979 0 0 -0.0135040283 ± 0.0625 6229 4530 2962 3083 3889 238 4898 1631 3325 232 12018 9225 536850847 3567 3083 0.368896484 ± 0.0625 -74 72.5 55.7999992 141.156998	> > > > > > > > > > > > > > > > > > >
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeoldxFinal_Uls_f32.value tgt_CDDInterface_Per1_MeoldxFinal_Uls_f32.value tgt_CDDInterface_Per1_MeoldxFinal_Uls_f32.value tgt_CDDInterface_Per1_MeoldxFinal_Uls_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_FinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_FinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_FinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_FinalRef_Amp_f32.value	18247 18248 18249 5140 0.00789880008 0.00789880008 6229.27979 0 0 -0.0134887695 6229 4530 2962 3083 3889 238 4898 1631 3325 232 12018 9225 536850847 3567 3083 0.368896484 -74 72.5 55.7999992 141.156998 192.830994 3930 3446	18247 18248 18249 5140 0.00789880008 ± 0.0625 0.00789880008 ± 0.0625 6229.27979 0 0 -0.0135040283 ± 0.0625 6229 4530 2962 3083 3889 238 4898 1631 3325 232 12018 9225 536850847 3567 3083 0.368896484 ± 0.0625 -74 72.5 55.7999992 141.156998 192.830994 3930 3446	· · · · · · · · · · · · · · · · · · ·
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeS_Cnt_u32.value tgt_CDDInterface_Per1_MescurdOnTimeS_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_McUrrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value	18247 18248 18249 5140 0.00789880008 0.00789880008 6229.27979 0 0 -0.0134887695 6229 4530 2962 3083 3889 238 4898 1631 3325 232 12018 9225 536850847 3567 3083 0.368896484 -74 72.5 55.7999992 141.156998 192.830994 3930	18247 18248 18249 5140 0.00789880008 ± 0.0625 0.00789880008 ± 0.0625 6229.27979 0 0 -0.0135040283 ± 0.0625 6229 4530 2962 3083 3889 238 4898 1631 3325 232 12018 9225 536850847 3567 3083 0.368896484 ± 0.0625 -74 72.5 55.7999992 141.156998 192.830994 3930	> > > > > > > > > > > > > > > > > > >



Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
CDDPorts_ClearPhsReasSum	1	CDDPorts_ClearPhsReasSum	1	~

Test Step 2.33 (Repeat Count = 1)	✓
Name	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16	1
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	6350.27979
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	9210.28027
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	20316
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	20972
CDD_CumMechMtrPos_Rev_G_s15p16[0]	0
CDD_CumMechMtrPos_Rev_G_s15p16[1]	904
CDD_Die1RxError_Cnt_G_u16[0]	6350
CDD_Die1RxError_Cnt_G_u16[1]	9210
CDD_Die1RxMtrPos_Cnt_G_u16[0] CDD_Die1RxMtrPos_Cnt_G_u16[1]	238 480
CDD_Die1RxRevCtr_Cnt_G_u16[0]	3083
CDD_Die1RxRevCtr_Cnt_G_u16[1]	4161
CDD_Die2RxError_Cnt_G_u16[0]	6229
CDD_Die2RxError_Cnt_G_u16[1]	9023
CDD_Die2RxMtrPos_Cnt_G_u16[0]	4530
CDD_Die2RxMtrPos_Cnt_G_u16[1]	5471
CDD_Die2RxRevCtr_Cnt_G_u16[0]	2962
CDD_Die2RxRevCtr_Cnt_G_u16[1]	3974
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	3688
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	5096
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0]	6229
CDD_MechMtrPos2TimeStamp_uSec_G_u32[1]	9023
CDD_ModIdxFinal_Uls_G_u16p16[0]	15178
CDD_ModldxFinal_Uls_G_u16p16[1] CDD MtrCurr1 Volts G f32[0]	15184 1.00815356
CDD MtrCurr1 Volts G f32[1]	2.00815368
CDD_MtrCurr2_Volts_G_f32[0]	1.00815356
CDD_MtrCurr2_Volts_G_f32[1]	2.00815368
CDD_MtrCurrDax_Amp_G_f32[0]	75.5
CDD_MtrCurrDax_Amp_G_f32[1]	83.8000031
CDD_MtrCurrK1_Amps_G_f32[0]	74.1699982
CDD_MtrCurrK1_Amps_G_f32[1]	96.0390015
CDD_MtrCurrK2_Amps_G_f32[0]	-68.6399994
CDD_MtrCurrK2_Amps_G_f32[1]	-57.4700012
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	55.5800018
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	76.9499969
CDD_MtrCurrQax_Amp_G_f32[0]	141.156998
CDD_MtrCurrQax_Amp_G_f32[1]	151.380005
CDD_PWMDutyCycleASum_Cnt_G_u32[0]	5019 7153
CDD_PWMDutyCycleASum_Cnt_G_u32[1] CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	1752
CDD PWMDutyCycleBSum Cnt G u32[1]	2104
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	3446
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	4722
CDD_PhaseAdvFinal_Cnt_G_u16[0]	0
CDD_PhaseAdvFinal_Cnt_G_u16[1]	0
CDD_RxMtrPos1ParityAccum_Cnt_G_u16[0]	3889
CDD_RxMtrPos1ParityAccum_Cnt_G_u16[1]	5287
CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[0]	5261
CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[1]	7527
CDD_SysCVSwitchADC_Cnt_G_u16[0]	3567
CDD_SysCVSwitchADC_Cnt_G_u16[1]	4909
CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[0]	20972
CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[1]	21627
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	20972
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	21627
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1]	9210
PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2]	39539
Rte_Inst_Sa_CDDInterface	tgt_Rte_Inst_Sa_CDDInterface
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	845984
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	145998
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	146005

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Name	Input Value		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr1_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_	_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr2_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_	_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32	tgt_CDDInterface_Per1_CorrMtrCurrPosition_	_Rev_f32	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPosFloat_Revenue and the property of the prop$	tgt_CDDInterface_Per1_CorrectedElecMtrPo	sFloat_Rev_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p	tgt_CDDInterface_Per1_CorrectedElecMtrPo	s_Rev_u0p16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CumMechMtrPos_Rev_f32	tgt_CDDInterface_Per1_CumMechMtrPos_R	ev_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxError_Cnt_u16	tgt_CDDInterface_Per1_Die1RxError_Cnt_u1	16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_	target_CDDInterface_Per1_Die1UnderVoltgF	ItAccum_Cnt_u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxMtrPos_Cnt_u16	tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_	u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxRevCtr_Cnt_u16	tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxError_Cnt_u16	tgt_CDDInterface_Per1_Die2RxError_Cnt_u1		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxMtrPos_Cnt_u16	tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxRevCtr_Cnt_u16	tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_		
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 ExpectedOnTimeA Cnt u32	tgt_CDDInterface_Per1_ExpectedOnTimeA_0		
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 ExpectedOnTimeB Cnt u32	tgt_CDDInterface_Per1_ExpectedOnTimeB_t	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface Per1_ExpectedOnTimeC_Cnt_u32			
	tgt_CDDInterface_Per1_ExpectedOnTimeC_	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_LRPRPhaseadvanceCaptured_	tgt_CDDInterface_Per1_LRPRPhaseadvance		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeA_	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeB_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeC_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MechMtrPos1TimeStamp_USer	tgt_CDDInterface_Per1_MechMtrPos1TimeS	·	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MechMtrPos2TimeStamp_USer			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ModIdxFinal_Uls_f32	tgt_CDDInterface_Per1_ModIdxFinal_Uls_f32		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrDax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrDax_Amp_f3	2	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK1_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK2_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32		
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32$	tgt_CDDInterface_Per1_MtrCurrQaxFinalRef	_Amp_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrQax_Amp_f3	32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u	tgt_CDDInterface_Per1_RxMtrPos1ParityAcc	cum_Cnt_u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCVSwitchADC_Cnt_u16	tgt_CDDInterface_Per1_SysCVSwitchADC_0	Cnt_u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCorrectedElecMtrPos_Rev_	tgt_CDDInterface_Per1_SysCorrectedElecMt	rPos_Rev_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_UncorrMechMtrPos1_Rev_u0p	tgt_CDDInterface_Per1_UncorrMechMtrPos1	_Rev_u0p16	
Name	Actual Value	Expected Value	Result
		l •	
CDD CDDDataAccessBfr Cnt G u16	0	0	✓
CDD_CDDDataAccessBf_Cnt_G_u16 PXAccumPrev Cnt M u32[0]	105748	0 105748	~
PXAccumPrev_Cnt_M_u32[0]	105748	105748	V
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1]	105748 18249	105748 18249	~
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2]	105748 18249 18250	105748 18249 18250	
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	105748 18249 18250 7527	105748 18249 18250 7527	\rightarrow \forall \rightarrow \rightarro
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value	105748 18249 18250 7527 2.00815368	105748 18249 18250 7527 2.00815368 ± 0.0625	· · ·
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PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value	105748 18249 18250 7527 2.00815368 2.00815368 9210.28027 0.320007324 20972 0.0137939453 9210 480 4161 9023 5471 3974 7153 2104 4722 0 99398 9039 536849623 5096 9023 0.231689453 83.8000031 96.0390015 -57.4700012 76.9499969 151.380005 5287	105748 18249 18250 7527 2.00815368 ± 0.0625 2.00815368 ± 0.0625 9210.28027 0.320007324 20972 0.0137939453 ± 0.0625 9210 480 4161 9023 5471 3974 7153 2104 4722 0 99398 9039 536849623 5096 9023 0.231704712 ± 0.0625 83.8000031 96.0390015 -57.4700012 76.9499969 151.380005 5287 4909	



Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
CDDPorts_ClearPhsReasSum	1	CDDPorts_ClearPhsReasSum	1	~

Test Step 2.34 (Repeat Count = 1)	
Name	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16	1
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	5019.52002
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	7153.8501
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	20971
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	21627
CDD_CumMechMtrPos_Rev_G_s15p16[0]	-910
CDD_CumMechMtrPos_Rev_G_s15p16[1]	-917
CDD_Die1RxError_Cnt_G_u16[0]	214
CDD_Die1RxError_Cnt_G_u16[1]	312
CDD_Die1RxMtrPos_Cnt_G_u16[0] CDD_Die1RxMtrPos_Cnt_G_u16[1]	2962 3974
CDD_Die1RxMtrPos_Cnt_G_u16[1] CDD_Die1RxRevCtr_Cnt_G_u16[0]	6229
CDD_Die1RxRevCtr_Cnt_G_u16[1]	9023
CDD_Die2RxError_Cnt_G_u16[0]	6350
CDD_Die2RxError_Cnt_G_u16[1]	9210
CDD_Die2RxMtrPos_Cnt_G_u16[0]	238
CDD_Die2RxMtrPos_Cnt_G_u16[1]	480
CDD_Die2RxRevCtr_Cnt_G_u16[0]	3083
CDD_Die2RxRevCtr_Cnt_G_u16[1]	4161
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	3809
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	5283
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0]	6350
CDD_MechMtrPos2TimeStamp_uSec_G_u32[1]	9210
CDD_ModIdxFinal_Uls_G_u16p16[0]	24136
CDD_ModIdxFinal_Uls_G_u16p16[1]	24143
CDD_MtrCurr1_Volts_G_f32[0]	0.00840840023
CDD_MtrCurr1_Volts_G_f32[1]	2.00840831
CDD_MtrCurr2_Volts_G_f32[0] CDD_MtrCurr2_Volts_G_f32[1]	0.00840840023 1.00840843
CDD_MtrCurrDax_Amp_G_f32[0]	50
CDD_MtrCurrDax_Amp_G_f32[1]	60
CDD_MtrCurrK1_Amps_G_f32[0]	30.8600006
CDD_MtrCurrK1_Amps_G_f32[1]	26.5900002
CDD_MtrCurrK2_Amps_G_f32[0]	-25.5799999
CDD_MtrCurrK2_Amps_G_f32[1]	-20.4699993
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	-97.4800034
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	-70.6900024
CDD_MtrCurrQax_Amp_G_f32[0]	55.5800018
CDD_MtrCurrQax_Amp_G_f32[1]	76.9499969
CDD_PWMDutyCycleASum_Cnt_G_u32[0]	5140
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	7340
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	1873
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	2291
CDD_PWMDutyCycleCSum_Cnt_G_u32[0] CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	3567 4909
CDD_PWMDutyCycleCSum_Cnt_G_u3z[1] CDD_PhaseAdvFinal_Cnt_G_u16[0]	65535
CDD PhaseAdvFinal Cnt G u16[1]	65535
CDD_RxMtrPos1ParityAccum_Cnt_G_u16[0]	4530
CDD RxMtrPos1ParityAccum Cnt G u16[1]	5471
CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[0]	5382
CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[1]	7714
CDD_SysCVSwitchADC_Cnt_G_u16[0]	3688
CDD_SysCVSwitchADC_Cnt_G_u16[1]	5096
CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[0]	0
CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[1]	22282
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	0
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	22282
PXAccumPrev_Cnt_M_u32[0]	214
PXAccumPrev_Cnt_M_u32[1]	312
PXAccumPrev_Cnt_M_u32[2]	40764
Rte_Inst_Sa_CDDInterface	tgt_Rte_Inst_Sa_CDDInterface
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	145991 146005
o_nen noonawn_oran rogrami_on.rzaco_i.memory.data_word	946012

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Name	Input Value		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr1_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr1_Volts	f32	
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 ADCMtrCurr2 Volts f32	tgt CDDInterface Per1 ADCMtrCurr2 Volts		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32	tgt_CDDInterface_Per1_CorrMtrCurrPosition	_	
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 CorrectedElecMtrPosFloat Rev			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CumMechMtrPos_Rev_f32	tgt_CDDInterface_Per1_CumMechMtrPos_R	Rev_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxError_Cnt_u16	tgt_CDDInterface_Per1_Die1RxError_Cnt_u	16	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_Die1UnderVoltgFltAccum_Cnt_Die1UnderVoltgFltAccum_Cnt_Die1UnderVoltgFltAccum_Cnt_Die1UnderVoltgFltAccum_Cnt_Die1UnderVoltgFltAccum_Cnt_Die1UnderVoltgFltAccum_Cnt_Die1UnderVoltgFltAccum_Cnt_Die1UnderVoltgFltAccum_Cnt_Die1UnderVoltgFltAccum_Cnt_Die1U$	target_CDDInterface_Per1_Die1UnderVoltgF	FltAccum_Cnt_u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxMtrPos_Cnt_u16	tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_	_u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxRevCtr_Cnt_u16	tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_	_u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxError_Cnt_u16	tgt_CDDInterface_Per1_Die2RxError_Cnt_u	16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxMtrPos_Cnt_u16	tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_	_u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxRevCtr_Cnt_u16	tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeA_	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeB_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeC_	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_LRPRPhaseadvanceCaptured_	tgt_CDDInterface_Per1_LRPRPhaseadvance		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeA		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32 tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeB		
tgt_Rte_inst_Sa_CDDInterface.CDDInterface_Peri_measuredOnTimeC_Cnt_us2 tgt_Rte_inst_Sa_CDDInterface.CDDInterface_Peri_measuredOnTimeC_Cnt_us2	tgt_CDDInterface_Per1_MeasuredOnTimeC tgt_CDDInterface_Per1_MechMtrPos1TimeS		
tgt_Rte_Inst_Sa_CDDInterlace.CDDInterlace_Per1_MechMtrPos2TimeStamp_USertgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MechMtrPos2TimeStamp_USertgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MechMtrPos2TimeStamp_USertgt_Rte_Inst_Sa_CDDInterlace.CDDInterlace_Per1_MechMtrPos2TimeStamp_USertgt_Rte_Inst_Sa_CDDInterlace.CDDInterlace_Per1_MechMtrPos2TimeStamp_USertgt_Rte_Inst_Sa_CDDInterlace.CDDInterlace_Per1_MechMtrPos2TimeStamp_USertgt_Rte_Inst_Sa_CDDInterlace.CDDInterlace_Per1_MechMtrPos2TimeStamp_USertgt_Rte_Inst_Sa_CDDInterlace.CDDInterlace_Per1_MechMtrPos2TimeStamp_USertgt_Rte_Inst_Sa_CDDInterlace.CDDInterlace_Per1_MechMtrPos2TimeStamp_USertgt_Rte_Inst_Sa_CDDInterlace.CDDInterlace_Per1_MechMtrPos2TimeStamp_USertgt_Rte_Inst_Sa_CDDInterlace.CDDInterlace_Per1_MechMtrPos2TimeStamp_USertgt_Rte_Inst_Sa_CDDInterlace.CDDInterlace_Per1_MechMtrPos2TimeStamp_USertgt_Rte_Inst_Sa_CDDInterlace.CDDInterlace_Per1_MechMtrPos2TimeStamp_USertgt_Rte_Inst_Sa_CDDInterlace.CDDInterlace_Per1_MechMtrPos2TimeStamp_USertgt_Rte_Inst_Sa_CDDInterlace.CDDInterlace_Per1_MechMtrPos2TimeStamp_USertgt_Rte_Inst_Sa_CDDInterlace.CDDInterlace_Per1_MechMtrPos2TimeStamp_USertgt_Rte_Inst_Sa_CDDInterlace_Per1_MechMtrPos2TimeStamp_USertgt_Rte_Inst_Sa_CDInterlace_Per1_MechMtrPos2TimeStamp_USertgt_Rte_Inst_Sa_CDInterlace_Per1_MechMtrPos2TimeStamp_USertgt_Rte_Inst_Sa_CDInterlace_Per1_MechMtrPos2TimeStamp_USertgt_Rte_Inst_Sa_CDInterlace_Per1_MechMtrPos2TimeStamp_USertgt_Rte_Inst_Sa_CDInterlace_Per1_MechMtrPos2TimeStamp_USertgt_Rte_Inst_Sa_CDInterlace_Inst_Sa_CDINterlace_Inst_Sa_CDInterlace_Inst_Sa_CDINterlace_Inst_Sa_CDINterla		· - -	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ModIdxFinal_UIs_f32	tgt_CDDInterface_Per1_Medilwitros21ines		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrDax_Amp_f32	tgt CDDInterface Per1 MtrCurrDax Amp f		
tgt Rte Inst Sa CDDInterface.CDDInterface Perl MtrCurrK1 Amp f32	tgt CDDInterface Per1 MtrCurrK1 Amp f32		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK2_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32	tgt_CDDInterface_Per1_MtrCurrQaxFinalRef		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQax_Amp_f32	tgt CDDInterface Per1 MtrCurrQax Amp f		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCVSwitchADC_Cnt_u16	tgt_CDDInterface_Per1_SysCVSwitchADC_0		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCorrectedElecMtrPos_Rev_	tgt_CDDInterface_Per1_SysCorrectedElecM	trPos_Rev_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_UncorrMechMtrPos1_Rev_u0p	tgt_CDDInterface_Per1_UncorrMechMtrPos	1_Rev_u0p16	
Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	0	0	~
PXAccumPrev_Cnt_M_u32[0]	18248	18248	~
PXAccumPrev_Cnt_M_u32[1]	18250	18250	~
PXAccumPrev_Cnt_M_u32[2]	118251	118251	~
target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	7714	7714	~
tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value	2.00840831	2.00840831 ± 0.0625	~
tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value	1.00840843	1.00840843 ± 0.0625	~
tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value	7153.8501	7153.8501	~
tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value	0.330001831	0.330001831	~
tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value	21627	21627	*
tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value	-0.0139923096	-0.0140075684 ± 0.0625	•
tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value	312	312	×
tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tqt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value	3974	3974	~
	9023	9023	Ž
tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value	9210 480	9210 480	~
tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value	4161	4161	Ž
tgt_CDDInterface_Peri_DieZRXRevCtr_Cnt_u16.value tgt_CDDInterface_Peri_DieZRXRevCtr_Cnt_u16.value tgt_CDDInterface_Peri_DieZRXRevCtr_Cnt_u16.value	7340	7340	~
tgt CDDInterface Per1 ExpectedOnTimeB Cnt u32.value	2291	2291	
tgt_CDDInterface_rei1_ExpectedOnTimeS_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value	4909	4909	-
tgt CDDInterface Per1 LRPRPhaseadvanceCaptured Cnt s16.value	0	0	-
tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value	18034	18034	✓
tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value	17938	17938	-
tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value	77487	77487	✓
tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value	5283	5283	~
tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value	9210	9210	•
tgt_CDDInterface_Per1_ModIdxFinal_Uls_f32.value	0.368392944	0.368392944 ± 0.0625	~
tgt CDDInterface Per1 MtrCurrDax Amp f32.value	60	60	•
		26.5900002	~
tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32.value	26.5900002	20.000002	
tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value	26.5900002 -20.4699993	-20.4699993	~
tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value	-20.4699993	-20.4699993	~
tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value	-20.4699993 -70.6900024	-20.4699993 -70.6900024	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u16.value tgt_CDDInterface_Per1_SysCVSwitchADC_Cnt_u16.value	-20.4699993 -70.6900024 76.9499969 5471 5096	-20.4699993 -70.6900024 76.9499969 5471 5096	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u16.value	-20.4699993 -70.6900024 76.9499969 5471	-20.4699993 -70.6900024 76.9499969 5471	~



Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
CDDPorts_ClearPhsReasSum	1	CDDPorts_ClearPhsReasSum	1	~

Test Step 2.35 (Repeat Count = 1)	✓
Name	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16	0
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	5140.81006
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	7340.52002
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	0
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	22282
CDD_CumMechMtrPos_Rev_G_s15p16[0]	-530
CDD_CumMechMtrPos_Rev_G_s15p16[1]	-537
CDD_Die1RxError_Cnt_G_u16[0] CDD_Die1RxError_Cnt_G_u16[1]	222 368
CDD_Die1RxError_Cnt_G_u16[1] CDD_Die1RxMtrPos_Cnt_G_u16[0]	3083
CDD_Die1RxMtrPos_Cnt_G_u16[1]	4161
CDD_Die1RxRevCtr_Cnt_G_u16[0]	6350
CDD_Die1RxRevCtr_Cnt_G_u16[1]	9210
CDD_Die2RxError_Cnt_G_u16[0]	214
CDD_Die2RxError_Cnt_G_u16[1]	312
CDD_Die2RxMtrPos_Cnt_G_u16[0]	2962
CDD_Die2RxMtrPos_Cnt_G_u16[1]	3974
CDD_Die2RxRevCtr_Cnt_G_u16[0]	6229
CDD_Die2RxRevCtr_Cnt_G_u16[1]	9023
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0] CDD MechMtrPos1TimeStamp uSec G u32[1]	3930 5470
CDD_MechMtrPos11imeStamp_uSec_G_u32[1] CDD_MechMtrPos2TimeStamp_uSec_G_u32[0]	5470 214
CDD_MechMtrPos2TimeStamp_uSec_G_u32[t]	312
CDD_ModIdxFinal_Uls_G_u16p16[0]	32086
CDD_ModIdxFinal_Uls_G_u16p16[1]	32092
CDD_MtrCurr1_Volts_G_f32[0]	1.00866318
CDD_MtrCurr1_Volts_G_f32[1]	4.00866318
CDD_MtrCurr2_Volts_G_f32[0]	1.00866318
CDD_MtrCurr2_Volts_G_f32[1]	4.00866318
CDD_MtrCurrDax_Amp_G_f32[0]	55.7999992
CDD_MtrCurrDax_Amp_G_f32[1]	65.900015
CDD_MtrCurrK1_Amps_G_f32[0]	-27.3700008
CDD_MtrCurrK1_Amps_G_f32[1] CDD_MtrCurrK2_Amps_G_f32[0]	-32.0800018 46.4199982
CDD_MtrCurrK2_Amps_G_f32[1]	56.9500008
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	-118.010002
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	-85.8000031
CDD_MtrCurrQax_Amp_G_f32[0]	-97.4800034
CDD_MtrCurrQax_Amp_G_f32[1]	-70.6900024
CDD_PWMDutyCycleASum_Cnt_G_u32[0]	5261
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	7527
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	1994
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	2478
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	3688
CDD_PWMDutyCycleCSum_Cnt_G_u32[1] CDD_PhaseAdvFinal_Cnt_G_u16[0]	5096 5019
CDD_PhaseAdvFinal_Cnt_G_u16[1]	7153
CDD RxMtrPos1ParityAccum Cnt G u16[0]	238
CDD RxMtrPos1ParityAccum Cnt G u16[1]	480
CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[0]	5503
CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[1]	7901
CDD_SysCVSwitchADC_Cnt_G_u16[0]	3809
CDD_SysCVSwitchADC_Cnt_G_u16[1]	5283
CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[0]	22282
CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[1]	22937
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	22282
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	22937 222
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1]	368
PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2]	41989
Rte_Inst_Sa_CDDInterface	tgt_Rte_Inst_Sa_CDDInterface
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	145998
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	946012
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	146019

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CDDInterface_Per1



Name	Input Value		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr1_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_	_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr2_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_	_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32	tgt_CDDInterface_Per1_CorrMtrCurrPosition_	_Rev_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CumMechMtrPos_Rev_f32	tgt_CDDInterface_Per1_CumMechMtrPos_R	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxError_Cnt_u16 tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_	tgt_CDDInterface_Per1_Die1RxError_Cnt_u1 target_CDDInterface_Per1_Die1UnderVoltgF		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxMtrPos_Cnt_u16	tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxRevCtr_Cnt_u16	tgt CDDInterface Per1 Die1RxRevCtr Cnt		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxError_Cnt_u16	tgt_CDDInterface_Per1_Die2RxError_Cnt_u1	16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxMtrPos_Cnt_u16	tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_	u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxRevCtr_Cnt_u16	tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_	<u>u</u> 16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeA_	Cnt_u32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeB_	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeC_	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_LRPRPhaseadvanceCaptured_	tgt_CDDInterface_Per1_LRPRPhaseadvance		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32 tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeA_ tgt_CDDInterface_Per1_MeasuredOnTimeB_	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeC_		
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 MechMtrPos1TimeStamp USe		_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MechMtrPos2TimeStamp_USe			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ModIdxFinal_Uls_f32	tgt_CDDInterface_Per1_ModIdxFinal_Uls_f33		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrDax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrDax_Amp_f3	2	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK1_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32	!	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK2_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32	tgt_CDDInterface_Per1_MtrCurrQaxFinalRef	_Amp_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrQax_Amp_f3		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCVSwitchADC_Cnt_u16	tgt_CDDInterface_Per1_SysCVSwitchADC_0	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCorrectedElecMtrPos_Rev_	tgt_CDDInterface_Per1_SysCorrectedElecMt		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_UncorrMechMtrPos1_Rev_u0p	tgt_CDDInterface_Per1_UncorrMechMtrPos1 Actual Value	Expected Value	Result
Name CDD_CDDDataAccessBfr_Cnt_G_u16	1	1	Result
PXAccumPrev Cnt M u32[0]	18249	18249	
PXAccumPrev_Cnt_M_u32[1]	118251	118251	
PXAccumPrev_Cnt_M_u32[2]	18252	18252	✓
PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	18252 5503	18252 5503	V
			· ·
target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	5503	5503	~
target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value	5503 1.00866318 1.00866318 5140.81006	5503 1.00866318 ± 0.0625 1.00866318 ± 0.0625 5140.81006	· · ·
target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value	5503 1.00866318 1.00866318 5140.81006	5503 1.00866318 ± 0.0625 1.00866318 ± 0.0625 5140.81006 0	· · · · · · · · · · · · · · · · · · ·
target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value	5503 1.00866318 1.00866318 5140.81006 0	5503 1.00866318 ± 0.0625 1.00866318 ± 0.0625 5140.81006 0	· · ·
target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CurrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CurrectedElecMtrPos_Rev_f32.value	5503 1.00866318 1.00866318 5140.81006 0 0	5503 1.00866318 ± 0.0625 1.00866318 ± 0.0625 5140.81006 0 0 -0.00810241699 ± 0.0625	· · · · · · · · · · · · · · · · · · ·
target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value	5503 1.00866318 1.00866318 5140.81006 0 0 -0.0080871582	5503 1.00866318 ± 0.0625 1.00866318 ± 0.0625 5140.81006 0 0 -0.00810241699 ± 0.0625 222	· · · · · · · · · · · · · · · · · · ·
target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value	5503 1.00866318 1.00866318 5140.81006 0 0 -0.0080871582 222 3083	5503 1.00866318 ± 0.0625 1.00866318 ± 0.0625 5140.81006 0 0 -0.00810241699 ± 0.0625 222 3083	· · · · · · · · · · · · · · · · · · ·
target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value	5503 1.00866318 1.00866318 5140.81006 0 0 -0.0080871582	5503 1.00866318 ± 0.0625 1.00866318 ± 0.0625 5140.81006 0 0 -0.00810241699 ± 0.0625 222	· · · · · · · · · · · · · · · · · · ·
target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value	5503 1.00866318 1.00866318 5140.81006 0 0 -0.0080871582 222 3083 6350	5503 1.00866318 ± 0.0625 1.00866318 ± 0.0625 5140.81006 0 0 -0.00810241699 ± 0.0625 222 3083 6350	· · · · · · · · · · · · · · · · · · ·
target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value	5503 1.00866318 1.00866318 5140.81006 0 0 -0.0080871582 222 3083 6350 214	5503 1.00866318 ± 0.0625 1.00866318 ± 0.0625 5140.81006 0 0 -0.00810241699 ± 0.0625 222 3083 6350 214	> > > > > > > > > > > > > > > > > > >
target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value	5503 1.00866318 1.00866318 5140.81006 0 0 -0.0080871582 222 3083 6350 214 2962	5503 1.00866318 ± 0.0625 1.00866318 ± 0.0625 5140.81006 0 0 -0.00810241699 ± 0.0625 222 3083 6350 214 2962	· · · · · · · · · · · · · · · · · · ·
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Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
CDDPorts_ClearPhsReasSum	1	CDDPorts_ClearPhsReasSum	1	~

Test Step 2.36 (Repeat Count = 1)	•
Name	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16	1
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	5261.41016
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	7527.8501
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	22282
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	22938
CDD_CumMechMtrPos_Rev_G_s15p16[0]	655
CDD_CumMechMtrPos_Rev_G_s15p16[1]	1310
CDD_Die1RxError_Cnt_G_u16[0]	230
CDD_Die1RxError_Cnt_G_u16[1]	424
CDD_Die1RxMtrPos_Cnt_G_u16[0] CDD_Die1RxMtrPos_Cnt_G_u16[1]	6229 9023
CDD_Die1RxRevCtr_Cnt_G_u16[0]	214
CDD_Die1RxRevCtr_Cnt_G_u16[1]	312
CDD_Die2RxError_Cnt_G_u16[0]	222
CDD_Die2RxError_Cnt_G_u16[1]	368
CDD_Die2RxMtrPos_Cnt_G_u16[0]	3083
CDD_Die2RxMtrPos_Cnt_G_u16[1]	4161
CDD_Die2RxRevCtr_Cnt_G_u16[0]	6350
CDD_Die2RxRevCtr_Cnt_G_u16[1]	9210
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	100
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	150
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0]	222
CDD_MechMtrPos2TimeStamp_uSec_G_u32[1]	368
CDD_ModldxFinal_Uls_G_u16p16[0]	43207
CDD_ModldxFinal_Uls_G_u16p16[1]	43214
CDD_MtrCurr1_Volts_G_f32[0]	2.00891805
CDD_MtrCurr1_Volts_G_f32[1]	1.00891805
CDD_MtrCurr2_Volts_G_f32[0]	2.00891805
CDD_MtrCurr2_Volts_G_f32[1]	1.00891805
CDD_MtrCurrDax_Amp_G_f32[0]	-68.6399994
CDD_MtrCurrlA_Amp_G_f32[1]	-57.4700012 -28.1499996
CDD_MtrCurrK1_Amps_G_f32[0] CDD_MtrCurrK1_Amps_G_f32[1]	-33.2999992
CDD_MtrCurrK2_Amps_G_f32[0]	72.3700027
CDD_MtrCurrK2_Amps_G_f32[1]	88.3199997
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	-220
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	-220
CDD_MtrCurrQax_Amp_G_f32[0]	-118.010002
CDD_MtrCurrQax_Amp_G_f32[1]	-85.8000031
CDD_PWMDutyCycleASum_Cnt_G_u32[0]	5382
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	7714
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	2115
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	2665
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	3809
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	5283
CDD_PhaseAdvFinal_Cnt_G_u16[0]	190
CDD_PhaseAdvFinal_Cnt_G_u16[1]	192
CDD_RxMtrPos1ParityAccum_Cnt_G_u16[0]	2962
CDD_RxMtrPos1ParityAccum_Cnt_G_u16[1]	3974
CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[0]	5624
CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[1] CDD_SysCVSwitchADC_Cnt_G_u16[0]	8088
CDD SysCVSwitchADC Cnt G u16[1]	5470
CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[0]	22938
CDD SysCorrectedElecMtrPos Rev G u0p16[1]	23593
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	22938
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	23593
PXAccumPrev_Cnt_M_u32[0]	230
PXAccumPrev_Cnt_M_u32[1]	424
PXAccumPrev_Cnt_M_u32[2]	43214
Rte_Inst_Sa_CDDInterface	tgt_Rte_Inst_Sa_CDDInterface
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	146005
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	146019
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	146026

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Name	Input Value		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr1_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr1_Volts	_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr2_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr2_Volts	_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32	tgt_CDDInterface_Per1_CorrMtrCurrPosition		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0ptgt Rte_Inst_Sa_CDDInterface.CDDInterface Per1_CumMechMtrPos_Rev_10ptgt Rte_Inst_Sa_CDDInterface.CDDInterface Per1_CumMechMtrPos_Rev_10ptgt Rte_Inst_Sa_CDDInterface.CDDInterface.Per1_CumMechMtrPos_Rev_10ptgt Rte_Inst_Sa_CDDInterface.CDDInterface.Per1_CorrectedElecMtrPos_Rev_10ptgt Rte_Inst_Sa_CDDInterface.Per1_CorrectedElecMtrPos_Rev_10ptgt Rte_Inst_Sa_CDDInterface.Per1_CorrectedElecMtrPos_Rev_10ptg Rte_Inst_Sa_CDDInterface.Per1_CorrectedElecMtrPos_Rev_10ptg Rte_Inst_Sa_CDDInterface.Per1_CorrectedElecMtrPos_Rev_10ptg Rte_Inst_Sa_CDInterface.Per1_CorrectedElecMtrPos_Rev_10ptg Rte_Ins			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Perl_Die1RxError_Cnt_u16	tgt_CDDInterface_Per1_CumMechMtrPos_R tgt_CDDInterface_Per1_Die1RxError_Cnt_u	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_	target_CDDInterface_Per1_Die1UnderVoltgF		
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 Die1RxMtrPos Cnt u16	tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxRevCtr_Cnt_u16	tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxError_Cnt_u16	tgt_CDDInterface_Per1_Die2RxError_Cnt_u	16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxMtrPos_Cnt_u16	tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_	<u>u</u> 16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxRevCtr_Cnt_u16	tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_	<u>u</u> 16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeA_	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeB_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeC_	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_LRPRPhaseadvanceCaptured_ tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32	tgt_CDDInterface_Per1_LRPRPhaseadvance tgt_CDDInterface_Per1_MeasuredOnTimeA_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeB_	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeC_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MechMtrPos1TimeStamp_USe		_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MechMtrPos2TimeStamp_USe		·	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ModIdxFinal_Uls_f32	tgt_CDDInterface_Per1_ModIdxFinal_Uls_f3:		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrDax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrDax_Amp_f3	32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK1_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32	2	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK2_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32	2	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32	tgt_CDDInterface_Per1_MtrCurrQaxFinalRef		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrQax_Amp_f3		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCVSwitchADC_Cnt_u16 tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCorrectedElecMtrPos_Rev_	tgt_CDDInterface_Per1_SysCVSwitchADC_0 tgt_CDDInterface_Per1_SysCorrectedElecMi	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Perl_UncorrMechMtrPos1_Rev_u0p			
Name	Actual Value	Expected Value	Result
Tullio e e e e e e e e e e e e e e e e e e e	1111	Expected value	rtoouit
CDD CDDDataAccessBfr Cnt G u16	0	0	✓
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev Cnt M u32[0]	0 18250	0 18250	✓
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1]			\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
PXAccumPrev_Cnt_M_u32[0]	18250	18250	
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1]	18250 18252	18250 18252	· ·
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value	18250 18252 18253 8088 1.00891805	18250 18252 18253 8088 1.00891805 ± 0.0625	· · · · · · · · · · · · · · · · · · ·
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value	18250 18252 18253 8088 1.00891805 1.00891805	18250 18252 18253 8088 1.00891805 ± 0.0625 1.00891805 ± 0.0625	· · · · · · · · · · · · · · · · · · ·
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value	18250 18252 18253 8088 1.00891805 1.00891805 7527.8501	18250 18252 18253 8088 1.00891805 ± 0.0625 1.00891805 ± 0.0625 7527.8501	***
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value	18250 18252 18253 8088 1.00891805 1.00891805 7527.8501 0.350006104	18250 18252 18253 8088 1.00891805 ± 0.0625 1.00891805 ± 0.0625 7527.8501 0.350006104	· · · · · · · · · · · · · · · · · · ·
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value	18250 18252 18253 8088 1.00891805 1.00891805 7527.8501 0.350006104 22938	18250 18252 18253 8088 1.00891805 ± 0.0625 1.00891805 ± 0.0625 7527.8501 0.350006104 22938	· · · · · · · · · · · · · · · · · · ·
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value	18250 18252 18253 8088 1.00891805 1.00891805 7527.8501 0.350006104 22938 0.0199890137	18250 18252 18253 8088 1.00891805 ± 0.0625 1.00891805 ± 0.0625 7527.8501 0.350006104 22938 0.0200042725 ± 0.0625	· · · · · · · · · · · · · · · · · · ·
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value	18250 18252 18253 8088 1.00891805 1.00891805 7527.8501 0.350006104 22938	18250 18252 18253 8088 1.00891805 ± 0.0625 1.00891805 ± 0.0625 7527.8501 0.350006104 22938	· · · · · · · · · · · · · · · · · · ·
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value	18250 18252 18253 8088 1.00891805 1.00891805 7527.8501 0.350006104 22938 0.0199890137 424	18250 18252 18253 8088 1.00891805 ± 0.0625 1.00891805 ± 0.0625 7527.8501 0.350006104 22938 0.0200042725 ± 0.0625 424	· · · · · · · · · · · · · · · · · · ·
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value	18250 18252 18253 8088 1.00891805 1.00891805 7527.8501 0.350006104 22938 0.0199890137 424 9023	18250 18252 18253 8088 1.00891805 ± 0.0625 1.00891805 ± 0.0625 7527.8501 0.350006104 22938 0.0200042725 ± 0.0625 424 9023	· · · · · · · · · · · · · · · · · · ·
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value	18250 18252 18253 8088 1.00891805 1.00891805 7527.8501 0.350006104 22938 0.0199890137 424 9023 312	18250 18252 18253 8088 1.00891805 ± 0.0625 1.00891805 ± 0.0625 7527.8501 0.350006104 22938 0.0200042725 ± 0.0625 424 9023 312	· · · · · · · · · · · · · · · · · · ·
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value	18250 18252 18253 8088 1.00891805 1.00891805 7527.8501 0.350006104 22938 0.0199890137 424 9023 312 368 4161 9210	18250 18252 18253 8088 1.00891805 ± 0.0625 1.00891805 ± 0.0625 7527.8501 0.350006104 22938 0.0200042725 ± 0.0625 424 9023 312 368 4161 9210	***************************************
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value	18250 18252 18253 8088 1.00891805 1.00891805 7527.8501 0.350006104 22938 0.0199890137 424 9023 312 368 4161 9210 7714	18250 18252 18253 8088 1.00891805 ± 0.0625 1.00891805 ± 0.0625 7527.8501 0.350006104 22938 0.0200042725 ± 0.0625 424 9023 312 368 4161 9210 7714	***************************************
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PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_FinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_FinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_FinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_FinalRef_Amp_f32.value	18250 18252 18253 8088 1.00891805 1.00891805 7527.8501 0.350006104 22938 0.0199890137 424 9023 312 368 4161 9210 7714 2665 5283 18 18020 17828 536845951 150 368 0.659393311 -57.4700012 -33.2999992 88.319997 -220 -85.8000031 3974	18250 18252 18253 8088 1.00891805 ± 0.0625 1.00891805 ± 0.0625 7527.8501 0.350006104 22938 0.0200042725 ± 0.0625 424 9023 312 368 4161 9210 7714 2665 5283 18 18020 17828 536845951 150 368 0.659393311 ± 0.0625 -57.4700012 -33.2999992 88.319997 -220 -85.8000031 3974	
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Float_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CurmMechMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeS_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeS_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MtrCurrRay_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrRay_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQay_FinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQay_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQay_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQay_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQay_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQay_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQay_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQay_Amp_f32.value	18250 18252 18253 8088 1.00891805 1.00891805 7527.8501 0.350006104 22938 0.0199890137 424 9023 312 368 4161 9210 7714 2665 5283 18 18020 17828 536845951 150 368 0.659393311 -57.4700012 -33.2999992 88.319997 -220 -85.8000031 3974 5470	18250 18252 18253 8088 1.00891805 ± 0.0625 1.00891805 ± 0.0625 7527.8501 0.350006104 22938 0.0200042725 ± 0.0625 424 9023 312 368 4161 9210 7714 2665 5283 18 18020 17828 536845951 150 368 0.659393311 ± 0.0625 -57.4700012 -33.2999992 88.319997 -220 -85.8000031 3974 5470	
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_FinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_FinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_FinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_FinalRef_Amp_f32.value	18250 18252 18253 8088 1.00891805 1.00891805 7527.8501 0.350006104 22938 0.0199890137 424 9023 312 368 4161 9210 7714 2665 5283 18 18020 17828 536845951 150 368 0.659393311 -57.4700012 -33.2999992 88.319997 -220 -85.8000031 3974	18250 18252 18253 8088 1.00891805 ± 0.0625 1.00891805 ± 0.0625 7527.8501 0.350006104 22938 0.0200042725 ± 0.0625 424 9023 312 368 4161 9210 7714 2665 5283 18 18020 17828 536845951 150 368 0.659393311 ± 0.0625 -57.4700012 -33.2999992 88.319997 -220 -85.8000031 3974	



Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
CDDPorts_ClearPhsReasSum	1	CDDPorts_ClearPhsReasSum	1	~

Test Step 2.37 (Repeat Count = 1)	✓
Name	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16	1
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	5382.41016
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	7714.52002
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	22937
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	23593
CDD_CumMechMtrPos_Rev_G_s15p16[0]	-1966
CDD_CumMechMtrPos_Rev_G_s15p16[1]	-2621
CDD_Die1RxError_Cnt_G_u16[0] CDD_Die1RxError_Cnt_G_u46[4]	238 480
CDD_Die1RxError_Cnt_G_u16[1] CDD_Die1RxMtrPos_Cnt_G_u16[0]	6350
CDD_Die1RxMtrPos_Cnt_G_u16[1]	9210
CDD_Die1RxRevCtr_Cnt_G_u16[0]	222
CDD_Die1RxRevCtr_Cnt_G_u16[1]	368
CDD_Die2RxError_Cnt_G_u16[0]	230
CDD_Die2RxError_Cnt_G_u16[1]	424
CDD_Die2RxMtrPos_Cnt_G_u16[0]	6229
CDD_Die2RxMtrPos_Cnt_G_u16[1]	9023
CDD_Die2RxRevCtr_Cnt_G_u16[0]	214
CDD_Die2RxRevCtr_Cnt_G_u16[1]	312
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	126
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	156
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0]	230 424
CDD_MechMtrPos2TimeStamp_uSec_G_u32[1] CDD_ModldxFinal_Uls_G_u16p16[0]	8113
CDD_ModIdxFinal_UIs_G_u16p16[1]	8119
CDD MtrCurr1 Volts G f32[0]	2.00917292
CDD_MtrCurr1_Volts_G_f32[1]	1.0091728
CDD_MtrCurr2_Volts_G_f32[0]	1.0091728
CDD_MtrCurr2_Volts_G_f32[1]	2.00917292
CDD_MtrCurrDax_Amp_G_f32[0]	59.1399994
CDD_MtrCurrDax_Amp_G_f32[1]	71.3799973
CDD_MtrCurrK1_Amps_G_f32[0]	34.5200005
CDD_MtrCurrK1_Amps_G_f32[1]	28.9300003
CDD_MtrCurrK2_Amps_G_f32[0]	-35.7999992
CDD_MtrCurrK2_Amps_G_f32[1]	30.6900005
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	220 220
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1] CDD_MtrCurrQax_Amp_G_f32[0]	131.320007
CDD_MtrCurrQax_Amp_G_f32[1]	208.639999
CDD_PWMDutyCycleASum_Cnt_G_u32[0]	5503
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	7901
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	2236
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	2852
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	3930
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	5470
CDD_PhaseAdvFinal_Cnt_G_u16[0]	2962
CDD_PhaseAdvFinal_Cnt_G_u16[1]	3974
CDD_RxMtrPos1ParityAccum_Cnt_G_u16[0]	3083
CDD_RxMtrPos1ParityAccum_Cnt_G_u16[1]	4161
CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[0]	4656 6592
CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[1] CDD SysCVSwitchADC Cnt G u16[0]	100
CDD SysCVSwitchADC Cnt G u16[1]	150
CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[0]	0
CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[1]	24248
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	0
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	24248
PXAccumPrev_Cnt_M_u32[0]	238
PXAccumPrev_Cnt_M_u32[1]	480
PXAccumPrev_Cnt_M_u32[2]	44439
Rte_Inst_Sa_CDDInterface	tgt_Rte_Inst_Sa_CDDInterface
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	946012
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	146026
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	346033

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Name	Input Value		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr1_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr1_Volts	:_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr2_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr2_Volts	<u>-</u> f32	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32$	tgt_CDDInterface_Per1_CorrMtrCurrPosition	_Rev_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPosFloat_Re			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CumMechMtrPos_Rev_f32	tgt_CDDInterface_Per1_CumMechMtrPos_F	-	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxError_Cnt_u16 tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt	tgt_CDDInterface_Per1_Die1RxError_Cnt_u target_CDDInterface_Per1_Die1UnderVoltgl		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxMtrPos_Cnt_u16	tgt CDDInterface Per1 Die1RxMtrPos Cnt		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxRevCtr_Cnt_u16	tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxError_Cnt_u16	tgt_CDDInterface_Per1_Die2RxError_Cnt_u	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxMtrPos_Cnt_u16	tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt	_u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxRevCtr_Cnt_u16	tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_	_u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeA_	Cnt_u32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeB_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeC_	-	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_LRPRPhaseadvanceCaptured_ tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32	<pre>tgt_CDDInterface_Per1_LRPRPhaseadvanc tgt_CDDInterface_Per1_MeasuredOnTimeA</pre>		
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 MeasuredOnTimeB Cnt u32	tgt CDDInterface Per1 MeasuredOnTimeB		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeC		
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 MechMtrPos1TimeStamp USe			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MechMtrPos2TimeStamp_USe	tgt_CDDInterface_Per1_MechMtrPos2TimeS	Stamp_USec_u32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ModIdxFinal_Uls_f32	tgt_CDDInterface_Per1_ModIdxFinal_Uls_f3	2	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrDax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrDax_Amp_f	32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK1_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK1_Amp_f3	2	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK2_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK2_Amp_f3:		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrQax_Amp_f		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCVSwitchADC_Cnt_u16	tgt_CDDInterface_Per1_RxMtrPos1ParityAc tgt_CDDInterface_Per1_SysCVSwitchADC_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCorrectedElecMtrPos_Rev		_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_UncorrMechMtrPos1_Rev_u0p			
Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	0	0	~
PXAccumPrev_Cnt_M_u32[0]	118251	118251	✓
PXAccumPrev_Cnt_M_u32[1]	18253	18253	~
PXAccumPrev_Cnt_M_u32[2]	43254	43254	~
target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	6592	6592	~
tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value	1.0091728	1.0091728 ± 0.0625	~
tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value	2.00917292 7714.52002	2.00917292 ± 0.0625	✓ ✓
tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value	0.36000061	7714.52002 0.36000061	
tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value	23593	23593	-
tqt CDDInterface Per1 CumMechMtrPos Rev f32.value	-0.0399932861	-0.0399932861 ± 0.0625	~
tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value	480	480	•
tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value	9210	9210	~
tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value	368	368	~
tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value	424	424	~
tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value	9023	9023	~
tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value	312	312	~
tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value	7901	7901	~
tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value	2852 5470	2852 5470	-
tgt_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value	372	372	
tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value	118013	118013	✓
tgt CDDInterface Per1 MeasuredOnTimeB Cnt u32.value	17773	17773	_
tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value	536869727	536869727	✓
tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value	156	156	~
tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value	424	424	~
tgt_CDDInterface_Per1_ModIdxFinal_Uls_f32.value	0.123886108	0.123901367 ± 0.0625	~
tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value	71.3799973	71.3799973	~
tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32.value	28.9300003	28.9300003	•
tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value	30.6900005	30.6900005	~
tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value	220 208.639999	220 208.639999	V
tgt CDDInterface Per1 RxMtrPos1ParityAccum Cnt u16.value			
tgt_CDDInterface_Per1_SysCVSwitchADC_Cnt_u16.value	4161	4161	
tgt_CDDIIIteriace_Ferr_SysCvSwitchADC Crit u10.value	4161 150	4161 150	-
tgt_CDDInterface_Per1_SysCorrectedElecMtrPos_Rev_f32.value			· ·
	150	150	~



Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
CDDPorts_ClearPhsReasSum	1	CDDPorts_ClearPhsReasSum	1	~

Test Step 2.38 (Repeat Count = 1)	Innut Webs
Name CDD_CDDDataAccessBfr_Cnt_G_u16	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16 CDD_CorrMtrCurrPosition_Rev_G_f32[0]	5503.1499
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	7901.8501
CDD CorrectedElecMtrPos Rev G u0p16[0]	0
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	24248
CDD_CumMechMtrPos_Rev_G_s15p16[0]	3276
CDD_CumMechMtrPos_Rev_G_s15p16[1]	3932
CDD_Die1RxError_Cnt_G_u16[0]	2962
CDD_Die1RxError_Cnt_G_u16[1]	3974
CDD_Die1RxMtrPos_Cnt_G_u16[0]	214
CDD_Die1RxMtrPos_Cnt_G_u16[1]	312
CDD_Die1RxRevCtr_Cnt_G_u16[0]	230
CDD_Die1RxRevCtr_Cnt_G_u16[1]	424
CDD_Die2RxError_Cnt_G_u16[0]	238
CDD_Die2RxError_Cnt_G_u16[1]	480
CDD_Die2RxMtrPos_Cnt_G_u16[0]	6350
CDD_Die2RxMtrPos_Cnt_G_u16[1]	9210 222
CDD_Die2RxRevCtr_Cnt_G_u16[0]	368
CDD_Die2RxRevCtr_Cnt_G_u16[1] CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	2357
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	3039
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0]	238
CDD MechMtrPos2TimeStamp_uSec G u32[1]	480
CDD_ModIdxFinal_Uls_G_u16p16[0]	16121
CDD_ModldxFinal_Uls_G_u16p16[1]	16128
CDD_MtrCurr1_Volts_G_f32[0]	0.00942759961
CDD_MtrCurr1_Volts_G_f32[1]	2.00942755
CDD_MtrCurr2_Volts_G_f32[0]	0.00942759961
CDD_MtrCurr2_Volts_G_f32[1]	1.00942755
CDD_MtrCurrDax_Amp_G_f32[0]	60.8100014
CDD_MtrCurrDax_Amp_G_f32[1]	74.1200027
CDD_MtrCurrK1_Amps_G_f32[0]	35.7400017
CDD_MtrCurrK1_Amps_G_f32[1]	29.7099991
CDD_MtrCurrK2_Amps_G_f32[0]	72.5
CDD_MtrCurrK2_Amps_G_f32[1] CDD_MtrCurrCovEinelRef_Amp_C_f32[0]	93.2900009
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0] CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	0
CDD_MtrCurrQax_Amp_G_f32[0]	-204.639999
CDD MtrCurrQax Amp G f32[1]	-177.850006
CDD PWMDutyCycleASum Cnt G u32[0]	5624
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	8088
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	2357
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	3039
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	100
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	150
CDD_PhaseAdvFinal_Cnt_G_u16[0]	3083
CDD_PhaseAdvFinal_Cnt_G_u16[1]	4161
CDD_RxMtrPos1ParityAccum_Cnt_G_u16[0]	6229
CDD_RxMtrPos1ParityAccum_Cnt_G_u16[1]	9023
CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[0]	4777
CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[1]	6779
CDD_SysCVSwitchADC_Cnt_G_u16[0] CDD_SysCVSwitchADC_Cnt_G_u16[1]	126 156
CDD_SysCvSwitchADC_Cht_G_u16[1] CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[0]	24248
CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[0] CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[1]	24903
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	24248
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	24903
PXAccumPrev_Cnt_M_u32[0]	246
PXAccumPrev_Cnt_M_u32[1]	536
PXAccumPrev_Cnt_M_u32[2]	45664
Rte_Inst_Sa_CDDInterface	tgt_Rte_Inst_Sa_CDDInterface
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	146019
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	346033
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	146040

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Name	Input Value		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr1_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_	_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr2_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_	_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32	tgt_CDDInterface_Per1_CorrMtrCurrPosition_	_Rev_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CumMechMtrPos_Rev_f32	tgt_CDDInterface_Per1_CumMechMtrPos_R	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxError_Cnt_u16 tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_	tgt_CDDInterface_Per1_Die1RxError_Cnt_u1 target_CDDInterface_Per1_Die1UnderVoltgF		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxMtrPos_Cnt_u16	tgt CDDInterface Per1 Die1RxMtrPos Cnt		
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 Die1RxRevCtr Cnt u16	tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxError_Cnt_u16	tgt_CDDInterface_Per1_Die2RxError_Cnt_u1		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxMtrPos_Cnt_u16	tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_	u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxRevCtr_Cnt_u16	tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_	<u>u</u> 16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeA_	Cnt_u32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeB_	-	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeC_	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_LRPRPhaseadvanceCaptured_	tgt_CDDInterface_Per1_LRPRPhaseadvance		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeA_	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32 tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeB_ tgt_CDDInterface_Per1_MeasuredOnTimeC		
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 MechMtrPos1TimeStamp USe		_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MechMtrPos2TimeStamp_USe			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ModIdxFinal_UIs_f32	tgt_CDDInterface_Per1_ModIdxFinal_Uls_f32		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrDax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrDax_Amp_f3		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK1_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK2_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32	2	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32$	tgt_CDDInterface_Per1_MtrCurrQaxFinalRef	_Amp_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrQax_Amp_f3	32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u	tgt_CDDInterface_Per1_RxMtrPos1ParityAcc	cum_Cnt_u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCVSwitchADC_Cnt_u16	tgt_CDDInterface_Per1_SysCVSwitchADC_0	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCorrectedElecMtrPos_Rev_	tgt_CDDInterface_Per1_SysCorrectedElecMt		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_UncorrMechMtrPos1_Rev_u0p	tgt_CDDInterface_Per1_UncorrMechMtrPos1	Rev IUn16	
Manage			D
Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	Actual Value	Expected Value	~
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0]	Actual Value 1 18252	Expected Value 1 18252	Result
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1]	Actual Value 1 18252 43254	1 18252 43254	*
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2]	Actual Value 1 18252	Expected Value 1 18252	\rightarrow \frac{1}{\rightarrow \frac{1}{\rightarr
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1]	Actual Value 1 18252 43254 18255	Expected Value 1 18252 43254 18255	\rightarrow \frac{1}{\rightarrow \frac{1}{\rightarr
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	Actual Value 1 18252 43254 18255 4777	Expected Value 1 18252 43254 18255 4777	· · · · · ·
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value	Actual Value 1 18252 43254 18255 4777 0.00942759961	Expected Value 1 18252 43254 18255 4777 0.00942759961 ± 0.0625	· · · · · · · · · · · · · · · · · · ·
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value	Actual Value 1 18252 43254 18255 4777 0.00942759961 0.00942759961	Expected Value 1 18252 43254 18255 4777 0.00942759961 ± 0.0625 0.00942759961 ± 0.0625	· · · · · · · · · · · · · · · · · · ·
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value	Actual Value 1 18252 43254 18255 4777 0.00942759961 0.00942759961 5503.1499 0	Expected Value 1 18252 43254 18255 4777 0.00942759961 ± 0.0625 0.00942759961 ± 0.0625 5503.1499 0 0	· · · · · · · · · · · · · · · · · · ·
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CurmMechMtrPos_Rev_f32.value	Actual Value 1 18252 43254 18255 4777 0.00942759961 0.00942759961 5503.1499 0 0 0.049987793	Expected Value 1 18252 43254 18255 4777 0.00942759961 ± 0.0625 0.00942759961 ± 0.0625 5503.1499 0 0 0.0500030518 ± 0.0625	· · · · · · · · · · · · · · · · · · ·
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value	Actual Value 1 18252 43254 18255 4777 0.00942759961 0.00942759961 5503.1499 0 0 0.049987793 2962	Expected Value 1 18252 43254 18255 4777 0.00942759961 ± 0.0625 0.00942759961 ± 0.0625 5503.1499 0 0 0.0500030518 ± 0.0625 2962	· · · · · · · · · · · · · · · · · · ·
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value	Actual Value 1 18252 43254 18255 4777 0.00942759961 0.00942759961 5503.1499 0 0 0.049987793 2962 214	Expected Value 1 18252 43254 18255 4777 0.00942759961 ± 0.0625 0.00942759961 ± 0.0625 5503.1499 0 0 0.0500030518 ± 0.0625 2962 214	· · · · · · · · · · · · · · · · · · ·
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value	Actual Value 1 18252 43254 18255 4777 0.00942759961 0.00942759961 5503.1499 0 0 0.049987793 2962 214 230	Expected Value 1 18252 43254 18255 4777 0.00942759961 ± 0.0625 0.00942759961 ± 0.0625 5503.1499 0 0 0.0500030518 ± 0.0625 2962 214 230	· · · · · · · · · · · · · · · · · · ·
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value	Actual Value 1 18252 43254 18255 4777 0.00942759961 0.00942759961 5503.1499 0 0 0.049987793 2962 214 230 238	Expected Value 1 18252 43254 18255 4777 0.00942759961 ± 0.0625 0.00942759961 ± 0.0625 5503.1499 0 0 0.0500030518 ± 0.0625 2962 214 230 238	> > > > > > > > > > > > > > > > > > >
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value	Actual Value 1 18252 43254 18255 4777 0.00942759961 0.00942759961 5503.1499 0 0 0.049987793 2962 214 230 238 6350	Expected Value 1 18252 43254 18255 4777 0.00942759961 ± 0.0625 0.00942759961 ± 0.0625 5503.1499 0 0 0.0500030518 ± 0.0625 2962 214 230 238 6350	· · · · · · · · · · · · · · · · · · ·
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value	Actual Value 1 18252 43254 18255 4777 0.00942759961 0.00942759961 5503.1499 0 0 0.049987793 2962 214 230 238	Expected Value 1 18252 43254 18255 4777 0.00942759961 ± 0.0625 0.00942759961 ± 0.0625 5503.1499 0 0 0.0500030518 ± 0.0625 2962 214 230 238	> > > > > > > > > > > > > > > > > > >
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CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CurmMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MrcCurrR2_Amp_f32.value tgt_CDDInterface_Per1_MrcCurrR2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrR2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrR2_Amp_f32.value	Actual Value 1 18252 43254 18255 4777 0.00942759961 0.00942759961 5503.1499 0 0 0.049987793 2962 214 230 238 6350 222 5624 2357 100 289 18006 42718 536843503 2357 238 0.245986938 60.8100014 35.7400017 72.5	Expected Value 1 18252 43254 18255 4777 0.00942759961 ± 0.0625 0.00942759961 ± 0.0625 5503.1499 0 0 0.0500030518 ± 0.0625 2962 214 230 238 6350 222 5624 2357 100 289 18006 42718 536843503 2357 238 0.246002197 ± 0.0625 60.8100014 35.7400017 72.5	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
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CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MedldxFinal_Uls_f32.value tgt_CDDInterface_Per1_McUrrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_FinalRef_Amp_f32.value	Actual Value 1 18252 43254 18255 4777 0.00942759961 0.00942759961 5503.1499 0 0 0.049987793 2962 214 230 238 6350 222 5624 2357 100 289 18006 42718 536843503 2357 238 0.245986938 60.8100014 35.7400017 72.5 0 -204.639999 6229	Expected Value 1 18252 43254 18255 4777 0.00942759961 ± 0.0625 0.00942759961 ± 0.0625 5503.1499 0 0 0.0500030518 ± 0.0625 2962 214 230 238 6350 222 5624 2357 100 289 18006 42718 536843503 2357 238 0.246002197 ± 0.0625 60.8100014 35.7400017 72.5 0 -204.639999 6229	





Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
CDDPorts_ClearPhsReasSum	1	CDDPorts_ClearPhsReasSum	1	~

Test Step 2.39 (Repeat Count = 1)	✓
Name	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16	1
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	5624.77979
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	8088.8501
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	24248
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	24904
CDD_CumMechMtrPos_Rev_G_s15p16[0]	-4587
CDD_CumMechMtrPos_Rev_G_s15p16[1]	-5242
CDD_Die1RxError_Cnt_G_u16[0]	3083
CDD_Die1RxError_Cnt_G_u16[1] CDD_Die1RxMtrPos_Cnt_G_u16[0]	4161 222
CDD_Die1RxMtrPos_Cnt_G_u16[1]	368
CDD_Die1RxRevCtr_Cnt_G_u16[0]	238
CDD_Die1RxRevCtr_Cnt_G_u16[1]	480
CDD_Die2RxError_Cnt_G_u16[0]	2962
CDD_Die2RxError_Cnt_G_u16[1]	3974
CDD_Die2RxMtrPos_Cnt_G_u16[0]	214
CDD_Die2RxMtrPos_Cnt_G_u16[1]	312
CDD_Die2RxRevCtr_Cnt_G_u16[0]	230
CDD_Die2RxRevCtr_Cnt_G_u16[1]	424
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	142
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	158
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0]	2962
CDD_MechMtrPos2TimeStamp_uSec_G_u32[1]	3974 20493
CDD_ModldxFinal_Uls_G_u16p16[0] CDD_ModldxFinal_Uls_G_u16p16[1]	20499
CDD MtrCurr1 Volts G f32[0]	1.00968242
CDD_MtrCurr1_Volts_G_f32[1]	2.00968242
CDD_MtrCurr2_Volts_G_f32[0]	1.00968242
CDD_MtrCurr2_Volts_G_f32[1]	2.00968242
CDD_MtrCurrDax_Amp_G_f32[0]	-76.8600006
CDD_MtrCurrDax_Amp_G_f32[1]	-62.4799995
CDD_MtrCurrK1_Amps_G_f32[0]	16.2199993
CDD_MtrCurrK1_Amps_G_f32[1]	17.2299995
CDD_MtrCurrK2_Amps_G_f32[0]	66.1999969
CDD_MtrCurrK2_Amps_G_f32[1]	88.099985
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	176.169998
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1] CDD_MtrCurrQax_Amp_G_f32[0]	213.800003 136.520004
CDD_MtrCurrQax_Amp_G_f32[1]	212.479996
CDD PWMDutyCycleASum Cnt G u32[0]	5745
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	8275
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	2478
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	3226
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	126
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	156
CDD_PhaseAdvFinal_Cnt_G_u16[0]	3204
CDD_PhaseAdvFinal_Cnt_G_u16[1]	4348
CDD_RxMtrPos1ParityAccum_Cnt_G_u16[0]	6350
CDD_RxMtrPos1ParityAccum_Cnt_G_u16[1]	9210
CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[0] CDD RxMtrPos1UnderVoltgFltAccum Cnt u16[1]	4898
CDD SysCVSwitchADC Cnt G u16[0]	6966 134
CDD SysCVSwitchADC Cnt G u16[1]	157
CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[0]	0
CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[1]	25559
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	0
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	25559
PXAccumPrev_Cnt_M_u32[0]	254
PXAccumPrev_Cnt_M_u32[1]	592
PXAccumPrev_Cnt_M_u32[2]	46889
Rte_Inst_Sa_CDDInterface	tgt_Rte_Inst_Sa_CDDInterface
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	146026
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	146040
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	646047

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Name	Input Value		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr1_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr1_Volts	_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr2_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr2_Volts	_f32	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32$	tgt_CDDInterface_Per1_CorrMtrCurrPosition	_Rev_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CumMechMtrPos_Rev_f32	tgt_CDDInterface_Per1_CumMechMtrPos_R	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxError_Cnt_u16 tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_	tgt_CDDInterface_Per1_Die1RxError_Cnt_u′ target_CDDInterface_Per1_Die1UnderVoltgF		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxMtrPos_Cnt_u16	tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_		
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 Die1RxRevCtr Cnt u16	tgt CDDInterface Per1 Die1RxRevCtr Cnt		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxError_Cnt_u16	tgt_CDDInterface_Per1_Die2RxError_Cnt_u^		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxMtrPos_Cnt_u16	tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_	u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxRevCtr_Cnt_u16	tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_	<u>u</u> 16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeA_	Cnt_u32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeB_	-	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeC_	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_LRPRPhaseadvanceCaptured_	tgt_CDDInterface_Per1_LRPRPhaseadvance		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32 tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeA_ tgt_CDDInterface_Per1_MeasuredOnTimeB_	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32	tgt CDDInterface Per1 MeasuredOnTimeC		
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 MechMtrPos1TimeStamp USe		_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MechMtrPos2TimeStamp_USe		·	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ModIdxFinal_Uls_f32	tgt_CDDInterface_Per1_ModIdxFinal_Uls_f3:		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrDax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrDax_Amp_f3		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK1_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32	2	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK2_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32	2	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32	tgt_CDDInterface_Per1_MtrCurrQaxFinalRef	_Amp_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrQax_Amp_f3		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCVSwitchADC_Cnt_u16	tgt_CDDInterface_Per1_SysCVSwitchADC_0	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCorrectedElecMtrPos_Rev_	tgt_CDDInterface_Per1_SysCorrectedElecMi		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_UncorrMechMtrPos1_Rev_u0p Name	tgt_CDDInterface_Per1_UncorrMechMtrPos1 Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	0	0	result
PXAccumPrev Cnt M u32[0]	18253	18253	~
PXAccumPrev_Cnt_M_u32[1]	18255	18255	~
PXAccumPrev_Cnt_M_u32[2]	80755	80755	~
target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	6966	6966	~
tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value	2.00968242	2.00968242 ± 0.0625	~
tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value	2.00968242	2.00968242 ± 0.0625	~
tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value	8088.8501	8088.8501	V
tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value	0.380004883	0.380004883	~
tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value	-0.0799865723	24904 -0.0800018311 ± 0.0625	Ž
tgt CDDInterface Per1 Die1RxError Cnt u16.value	4161	4161	~
tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value	368		
tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value		368	~
tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value	480	368 480	~
	480 3974		~
tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value		480	· · ·
tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value	3974	480 3974	~
tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value	3974 312 424 8275	480 3974 312 424 8275	
tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value	3974 312 424 8275 3226	480 3974 312 424 8275 3226	\ \ \
tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value	3974 312 424 8275 3226 156	480 3974 312 424 8275 3226 156	· · ·
tgl_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value	3974 312 424 8275 3226 156 407	480 3974 312 424 8275 3226 156 407	· · · · · ·
tgl_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value	3974 312 424 8275 3226 156 407 17999	480 3974 312 424 8275 3226 156 407 17999	\rightarrow \right
tgl_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value	3974 312 424 8275 3226 156 407 17999	480 3974 312 424 8275 3226 156 407 17999 17663	· · · · · · · · · · · · · · · · · · ·
tgl_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgl_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgl_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgl_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgl_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value tgl_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgl_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgl_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgl_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value	3974 312 424 8275 3226 156 407 17999 17663 33866	480 3974 312 424 8275 3226 156 407 17999 17663 33866	· · · · · · · · · · · · · · · · · · ·
tgl_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value	3974 312 424 8275 3226 156 407 17999	480 3974 312 424 8275 3226 156 407 17999 17663	***************************************
tgl_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgl_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgl_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgl_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgl_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value tgl_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgl_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgl_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgl_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgl_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value	3974 312 424 8275 3226 156 407 17999 17663 33866	480 3974 312 424 8275 3226 156 407 17999 17663 33866 158	· · · · · · · · · · · · · · · · · · ·
tgl_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgl_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgl_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgl_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgl_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value tgl_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgl_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgl_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgl_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgl_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgl_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value	3974 312 424 8275 3226 156 407 17999 17663 33866 158	480 3974 312 424 8275 3226 156 407 17999 17663 33866 158 3974	***************************************
tgl_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgl_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgl_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgl_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgl_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value tgl_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgl_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgl_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgl_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgl_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgl_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgl_CDDInterface_Per1_ModIdxFinal_UIs_f32.value	3974 312 424 8275 3226 156 407 17999 17663 33866 158 3974	480 3974 312 424 8275 3226 156 407 17999 17663 33866 158 3974 0.312805176 ± 0.0625	· · · · · · · · · · · · · · · · · · ·
tgl_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgl_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgl_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgl_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgl_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value tgl_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgl_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgl_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgl_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgl_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgl_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgl_CDDInterface_Per1_ModIdxFinal_UIs_f32.value tgl_CDDInterface_Per1_ModIdxFinal_UIs_f32.value tgl_CDDInterface_Per1_MtrCurrDax_Amp_f32.value	3974 312 424 8275 3226 156 407 17999 17663 33866 158 3974 0.312789917 -62.4799995	480 3974 312 424 8275 3226 156 407 17999 17663 33866 158 3974 0.312805176 ± 0.0625 -62.4799995	· · · · · · · · · · · · · · · · · · ·
tgl_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgl_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgl_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgl_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgl_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value tgl_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgl_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgl_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgl_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgl_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgl_CDDInterface_Per1_ModldxFinal_UIs_f32.value tgl_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgl_CDDInterface_Per1_MtrCurrK1_Amp_f32.value tgl_CDDInterface_Per1_MtrCurrK2_Amp_f32.value tgl_CDDInterface_Per1_MtrCurrK2_Amp_f32.value tgl_CDDInterface_Per1_MtrCurrK2_Amp_f32.value	3974 312 424 8275 3226 156 407 17999 17663 33866 158 3974 0.312789917 -62.4799995 17.2299995 88.0999985 213.800003	480 3974 312 424 8275 3226 156 407 17999 17663 33866 158 3974 0.312805176 ± 0.0625 -62.4799995 17.2299995 88.0999985 213.800003	> > > > > > > > > > > > > > > > > > >
tgl_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgl_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgl_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgl_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgl_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value tgl_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgl_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgl_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgl_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgl_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgl_CDDInterface_Per1_ModldxFinal_UIs_f32.value tgl_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgl_CDDInterface_Per1_MtrCurrK1_Amp_f32.value tgl_CDDInterface_Per1_MtrCurrK2_Amp_f32.value tgl_CDDInterface_Per1_MtrCurrK2_Amp_f32.value tgl_CDDInterface_Per1_MtrCurrQax_FinalRef_Amp_f32.value tgl_CDDInterface_Per1_MtrCurrQax_FinalRef_Amp_f32.value tgl_CDDInterface_Per1_MtrCurrQax_Amp_f32.value	3974 312 424 8275 3226 156 407 17999 17663 33866 158 3974 0.312789917 -62.4799995 17.2299995 88.099985 213.800003 212.479996	480 3974 312 424 8275 3226 156 407 17999 17663 33866 158 3974 0.312805176 ± 0.0625 -62.4799995 17.2299995 88.0999985 213.800003 212.479996	> > > > > > > > > > > > > > > > > > >
tgl_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgl_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgl_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgl_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgl_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value tgl_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgl_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgl_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgl_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgl_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgl_CDDInterface_Per1_MedldxFinal_UIs_f32.value tgl_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgl_CDDInterface_Per1_MtrCurrK1_Amp_f32.value tgl_CDDInterface_Per1_MtrCurrK2_Amp_f32.value tgl_CDDInterface_Per1_MtrCurrK2_Amp_f32.value tgl_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value tgl_CDDInterface_Per1_MtrCurrQax_FinalRef_Amp_f32.value tgl_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgl_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgl_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgl_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgl_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgl_CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u16.value	3974 312 424 8275 3226 156 407 17999 17663 33866 158 3974 0.312789917 -62.4799995 17.229995 88.099985 213.800003 212.479996 9210	480 3974 312 424 8275 3226 156 407 17999 17663 33866 158 3974 0.312805176 ± 0.0625 -62.4799995 17.2299995 88.099985 213.800003 212.479996 9210	>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>
tgl_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_ModldxFinal_UIs_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u16.value tgt_CDDInterface_Per1_SysCVSwitchADC_Cnt_u16.value	3974 312 424 8275 3226 156 407 17999 17663 33866 158 3974 0.312789917 -62.4799995 17.229995 88.099985 213.800003 212.479996 9210	480 3974 312 424 8275 3226 156 407 17999 17663 33866 158 3974 0.312805176 ± 0.0625 -62.4799995 17.2299995 88.099985 213.800003 212.479996 9210	> > > > > > > > > > > > > > > > > > >
tgl_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgl_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgl_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgl_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgl_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value tgl_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgl_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgl_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgl_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgl_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgl_CDDInterface_Per1_MedldxFinal_UIs_f32.value tgl_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgl_CDDInterface_Per1_MtrCurrK1_Amp_f32.value tgl_CDDInterface_Per1_MtrCurrK2_Amp_f32.value tgl_CDDInterface_Per1_MtrCurrK2_Amp_f32.value tgl_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value tgl_CDDInterface_Per1_MtrCurrQax_FinalRef_Amp_f32.value tgl_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgl_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgl_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgl_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgl_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgl_CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u16.value	3974 312 424 8275 3226 156 407 17999 17663 33866 158 3974 0.312789917 -62.4799995 17.229995 88.099985 213.800003 212.479996 9210	480 3974 312 424 8275 3226 156 407 17999 17663 33866 158 3974 0.312805176 ± 0.0625 -62.4799995 17.2299995 88.099985 213.800003 212.479996 9210	> > > > > > > > > > > > > > > > > > >



Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
CDDPorts ClearPhsReasSum	1	CDDPorts ClearPhsReasSum	1	~

Test Step 2.40 (Repeat Count = 1)	Innuit Value
Name CDD_CDDDataAccessBfr_Cnt_G_u16	Input Value
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	4656.77979
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	6592.50977
CDD CorrectedElecMtrPos Rev G u0p16[0]	0
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	25559
CDD_CumMechMtrPos_Rev_G_s15p16[0]	5898
CDD_CumMechMtrPos_Rev_G_s15p16[1]	655
CDD_Die1RxError_Cnt_G_u16[0]	3204
CDD_Die1RxError_Cnt_G_u16[1]	4348
CDD_Die1RxMtrPos_Cnt_G_u16[0]	230
CDD_Die1RxMtrPos_Cnt_G_u16[1]	424
CDD_Die1RxRevCtr_Cnt_G_u16[0]	2962
CDD_Die1RxRevCtr_Cnt_G_u16[1]	3974
CDD_Die2RxError_Cnt_G_u16[0]	3083
CDD_Die2RxError_Cnt_G_u16[1]	4161 222
CDD_Die2RxMtrPos_Cnt_G_u16[0] CDD_Die2RxMtrPos_Cnt_G_u16[1]	368
CDD_Die2RxRevCtr_Cnt_G_u16[0]	238
CDD Die2RxRevCtr Cnt G u16[1]	480
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	150
CDD MechMtrPos1TimeStamp_uSec G u32[1]	159
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0]	3083
CDD MechMtrPos2TimeStamp uSec G u32[1]	4161
CDD_ModldxFinal_Uls_G_u16p16[0]	8087
CDD_ModldxFinal_Uls_G_u16p16[1]	8093
CDD_MtrCurr1_Volts_G_f32[0]	2.00993729
CDD_MtrCurr1_Volts_G_f32[1]	1.00993717
CDD_MtrCurr2_Volts_G_f32[0]	2.00993729
CDD_MtrCurr2_Volts_G_f32[1]	1.00993717
CDD_MtrCurrDax_Amp_G_f32[0]	64.1500015
CDD_MtrCurrDax_Amp_G_f32[1]	79.599985
CDD_MtrCurrK1_Amps_G_f32[0]	17.4400005
CDD_MtrCurrK1_Amps_G_f32[1]	18.0100002
CDD_MtrCurrK2_Amps_G_f32[0]	-32 -28
CDD_MtrCurrK2_Amps_G_f32[1] CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	-35.7999992
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	-30.6900005
CDD_MtrCurrQax_Amp_G_f32[0]	120.710999
CDD_MtrCurrQax_Amp_G_f32[1]	130.934006
CDD PWMDutyCycleASum Cnt G u32[0]	5866
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	8462
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	2599
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	3413
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	134
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	157
CDD_PhaseAdvFinal_Cnt_G_u16[0]	3325
CDD_PhaseAdvFinal_Cnt_G_u16[1]	4535
CDD_RxMtrPos1ParityAccum_Cnt_G_u16[0]	214
CDD_RxMtrPos1ParityAccum_Cnt_G_u16[1]	312
CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[0] CDD_RxMtrPos1UnderVoltgFltAccum_Cat_u16[1]	5019
CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[1] CDD_SysCVSwitchADC_Cnt_G_u16[0]	7153 142
CDD_SysCVSwitchADC_Cnt_G_u16[0] CDD_SysCVSwitchADC_Cnt_G_u16[1]	158
CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[0]	0
CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[1]	26214
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	0
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	26214
PXAccumPrev_Cnt_M_u32[0]	262
PXAccumPrev_Cnt_M_u32[1]	648
PXAccumPrev_Cnt_M_u32[2]	48114
Rte_Inst_Sa_CDDInterface	tgt_Rte_Inst_Sa_CDDInterface
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	346033
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	646047
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	146054

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Name	Input Value		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr1_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr1_Volts	_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr2_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr2_Volts	_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32	tgt_CDDInterface_Per1_CorrMtrCurrPosition		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CumMechMtrPos_Rev_u0p	tgt_CDDInterface_Per1_CorrectedElecMtrPo tgt_CDDInterface_Per1_CumMechMtrPos_R		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxError_Cnt_u16	tgt_CDDInterface_Per1_Die1RxError_Cnt_u	-	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_	target_CDDInterface_Per1_Die1UnderVoltgF		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxMtrPos_Cnt_u16	tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_	_u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxRevCtr_Cnt_u16	tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_	<u>u</u> 16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxError_Cnt_u16	tgt_CDDInterface_Per1_Die2RxError_Cnt_u		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxMtrPos_Cnt_u16	tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxRevCtr_Cnt_u16 tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32	tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_ tgt_CDDInterface_Per1_ExpectedOnTimeA_		
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 ExpectedOnTimeB Cnt u32	tgt_CDDInterface_Per1_ExpectedOnTimeB_	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeC_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_LRPRPhaseadvanceCaptured_	tgt_CDDInterface_Per1_LRPRPhaseadvance	eCaptured_Cnt_s16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeA_	_Cnt_u32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeB_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeC_	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MechMtrPos1TimeStamp_USe tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MechMtrPos2TimeStamp_USe			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Perl_MecrimitPos21infestamp_Use tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Perl_ModIdxFinal_Uls_f32	tgt_CDDInterface_Per1_MechiniPos21imes tgt_CDDInterface_Per1_ModIdxFinal_Uls_f3:		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface Perl_ModidxFinal_0is_I32 tgt_Rte_Inst_Sa_CDDInterface.CDDInterface Perl_MtrCurrDax Amp_f32	tgt_CDDInterface_Per1_MtrCurrDax_Amp_f3		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK1_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK2_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32	2	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32$	tgt_CDDInterface_Per1_MtrCurrQaxFinalRef	_Amp_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrQax_Amp_f3		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCVSwitchADC_Cnt_u16	tgt_CDDInterface_Per1_SysCVSwitchADC_0	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCorrectedElecMtrPos_Rev_ tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_UncorrMechMtrPos1_Rev_u0p	tgt_CDDInterface_Per1_SysCorrectedElecMitgt_CDDInterface_Per1_UncorrMechMtrPos1		
Name	Actual Value	Expected Value	Result
Titalii o	1111	-Apostou ruido	
CDD CDDDataAccessBfr Cnt G u16	0	0	✓
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0]	0 43254	0 43254	✓
			· ·
PXAccumPrev_Cnt_M_u32[0]	43254	43254	· ·
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	43254 80755 18256 7153	43254 80755 18256 7153	· ·
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value	43254 80755 18256 7153 1.00993717	43254 80755 18256 7153 1.00993717 ± 0.0625	· · · · · · · · · · · · · · · · · · ·
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value	43254 80755 18256 7153 1.00993717 1.00993717	43254 80755 18256 7153 1.00993717 ± 0.0625 1.00993717 ± 0.0625	· · · · · · · · · · · · · · · · · · ·
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value	43254 80755 18256 7153 1.00993717 1.00993717 6592.50977	43254 80755 18256 7153 1.00993717 ± 0.0625 1.00993717 ± 0.0625 6592.50977	· · · · · · · · · · · · · · · · · · ·
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value	43254 80755 18256 7153 1.00993717 1.00993717	43254 80755 18256 7153 1.00993717 ± 0.0625 1.00993717 ± 0.0625	· · · · · · · · · · · · · · · · · · ·
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value	43254 80755 18256 7153 1.00993717 1.00993717 6592.50977 0.38999939	43254 80755 18256 7153 1.00993717 ± 0.0625 1.00993717 ± 0.0625 6592.50977 0.38999939	· · · · · · · · · · · · · · · · · · ·
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosRev_u0p16.value	43254 80755 18256 7153 1.00993717 1.00993717 6592.50977 0.38999939 25559	43254 80755 18256 7153 1.00993717 ± 0.0625 1.00993717 ± 0.0625 6592.50977 0.38999939 25559	· · · · · · · · · · · · · · · · · · ·
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value	43254 80755 18256 7153 1.00993717 1.00993717 6592.50977 0.38999939 25559 0.00999450684 4348 424	43254 80755 18256 7153 1.00993717 ± 0.0625 1.00993717 ± 0.0625 6592.50977 0.38999939 25559 0.00999450684 ± 0.0625 4348 424	***************************************
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value	43254 80755 18256 7153 1.00993717 1.00993717 6592.50977 0.38999939 25559 0.00999450684 4348 424 3974	43254 80755 18256 7153 1.00993717 ± 0.0625 1.00993717 ± 0.0625 6592.50977 0.38999939 25559 0.00999450684 ± 0.0625 4348 424 3974	· · · · · · · · · · · · · · · · · · ·
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value	43254 80755 18256 7153 1.00993717 1.00993717 6592.50977 0.38999939 25559 0.00999450684 4348 424 3974 4161	43254 80755 18256 7153 1.00993717 ± 0.0625 1.00993717 ± 0.0625 6592.50977 0.38999939 25559 0.00999450684 ± 0.0625 4348 424 3974 4161	***************************************
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value	43254 80755 18256 7153 1.00993717 1.00993717 6592.50977 0.38999939 25559 0.00999450684 4348 424 3974 4161 368	43254 80755 18256 7153 1.00993717 ± 0.0625 1.00993717 ± 0.0625 6592.50977 0.38999939 25559 0.00999450684 ± 0.0625 4348 424 3974 4161 368	***************************************
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value	43254 80755 18256 7153 1.00993717 1.00993717 6592.50977 0.38999939 25559 0.00999450684 4348 424 3974 4161 368 480	43254 80755 18256 7153 1.00993717 ± 0.0625 1.00993717 ± 0.0625 6592.50977 0.38999939 25559 0.00999450684 ± 0.0625 4348 424 3974 4161 368 480	***************************************
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value	43254 80755 18256 7153 1.00993717 1.00993717 6592.50977 0.38999939 25559 0.00999450684 4348 424 3974 4161 368	43254 80755 18256 7153 1.00993717 ± 0.0625 1.00993717 ± 0.0625 6592.50977 0.38999939 25559 0.00999450684 ± 0.0625 4348 424 3974 4161 368	***************************************
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value	43254 80755 18256 7153 1.00993717 1.00993717 6592.50977 0.38999939 25559 0.00999450684 4348 424 3974 4161 368 480 8462	43254 80755 18256 7153 1.00993717 ± 0.0625 1.00993717 ± 0.0625 6592.50977 0.38999939 25559 0.00999450684 ± 0.0625 4348 424 3974 4161 368 480 8462	***************************************
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value	43254 80755 18256 7153 1.00993717 1.00993717 6592.50977 0.38999939 25559 0.00999450684 4348 424 3974 4161 368 480 8462 3413	43254 80755 18256 7153 1.00993717 ± 0.0625 1.00993717 ± 0.0625 6592.50977 0.38999939 25559 0.00999450684 ± 0.0625 4348 424 3974 4161 368 480 8462 3413	***************************************
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Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
CDDPorts ClearPhsReasSum	1	CDDPorts ClearPhsReasSum	1	~

Test Step 2.41 (Repeat Count = 1) Name	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16	0
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	4777.8501
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	6779.58008
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	0
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	26214
CDD_CumMechMtrPos_Rev_G_s15p16[0]	-7208
CDD_CumMechMtrPos_Rev_G_s15p16[1]	-7864
CDD_Die1RxError_Cnt_G_u16[0]	3325
CDD_Die1RxError_Cnt_G_u16[1]	4535
CDD_Die1RxMtrPos_Cnt_G_u16[0]	238
CDD_Die1RxMtrPos_Cnt_G_u16[1]	480
CDD_Die1RxRevCtr_Cnt_G_u16[0]	3083
CDD_Die1RxRevCtr_Cnt_G_u16[1]	4161
CDD_Die2RxError_Cnt_G_u16[0] CDD_Die2RxError_Cnt_G_u16[1]	3204 4348
CDD_Die2RxMtrPos_Cnt_G_u16[0]	230
CDD_Die2RxMtrPos_Cnt_G_u16[1]	424
CDD_Die2RxRevCtr_Cnt_G_u16[0]	2962
CDD_Die2RxRevCtr_Cnt_G_u16[1]	3974
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	158
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	160
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0]	3204
CDD_MechMtrPos2TimeStamp_uSec_G_u32[1]	4348
CDD_ModIdxFinal_Uls_G_u16p16[0]	16095
CDD_ModIdxFinal_Uls_G_u16p16[1]	16102
CDD_MtrCurr1_Volts_G_f32[0]	2.01019192
CDD_MtrCurr1_Volts_G_f32[1]	1.01019204
CDD_MtrCurr2_Volts_G_f32[0]	1.01019204
CDD_MtrCurr2_Volts_G_f32[1]	2.01019192
CDD_MtrCurrDax_Amp_G_f32[0]	65.8199997
CDD_MtrCurrDax_Amp_G_f32[1]	82.3399963
CDD_MtrCurrK1_Amps_G_f32[0]	-220 -220
CDD_MtrCurrK1_Amps_G_f32[1] CDD_MtrCurrK2_Amps_G_f32[0]	6.2699998
CDD_MtrCurrK2_Amps_G_f32[1]	11.2799997
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	131.320007
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	208.639999
CDD_MtrCurrQax_Amp_G_f32[0]	144.751007
CDD_MtrCurrQax_Amp_G_f32[1]	155.233994
CDD_PWMDutyCycleASum_Cnt_G_u32[0]	5987
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	8649
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	2720
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	3600
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	142
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	158
CDD_PhaseAdvFinal_Cnt_G_u16[0]	3446
CDD_PhaseAdvFinal_Cnt_G_u16[1]	4722
CDD_RxMtrPos1ParityAccum_Cnt_G_u16[0]	222
CDD_RxMtrPos1ParityAccum_Cnt_G_u16[1] CDD_RxMtrPos1ParityAccum_Cnt_u16[0]	368
CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[0] CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[1]	5140 7340
CDD_RXMITPOSTOTIGETVOTIGETIACCUTT_CTT_CTTO[T] CDD_SysCVSwitchADC_Cnt_G_u16[0]	150
CDD_SysCVSwitchADC_Cnt_G_u16[1]	159
CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[0]	26214
CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[1]	26869
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	26214
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	26869
PXAccumPrev_Cnt_M_u32[0]	270
PXAccumPrev_Cnt_M_u32[1]	704
PXAccumPrev_Cnt_M_u32[2]	49339
Rte_Inst_Sa_CDDInterface	tgt_Rte_Inst_Sa_CDDInterface
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	146040
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	146054
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	846061

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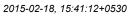
Name	Input Value		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr1_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr1_Volts	_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr2_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr2_Volts	_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32	tgt_CDDInterface_Per1_CorrMtrCurrPosition		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CumMechMtrPos_Rev_f32 tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxError_Cnt_u16	tgt_CDDInterface_Per1_CumMechMtrPos_R tgt_CDDInterface_Per1_Die1RxError_Cnt_u	-	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_	target_CDDInterface_Per1_Die1UnderVoltgF		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxMtrPos_Cnt_u16	tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxRevCtr_Cnt_u16	tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxError_Cnt_u16	tgt_CDDInterface_Per1_Die2RxError_Cnt_u	16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxMtrPos_Cnt_u16	tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_	_u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxRevCtr_Cnt_u16	tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeA_	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeB_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32 tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_LRPRPhaseadvanceCaptured_	tgt_CDDInterface_Per1_ExpectedOnTimeC_ tgt_CDDInterface_Per1_LRPRPhaseadvance	-	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeA		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeB		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32	tgt CDDInterface Per1 MeasuredOnTimeC		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MechMtrPos1TimeStamp_USe			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MechMtrPos2TimeStamp_USe			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ModIdxFinal_UIs_f32	tgt_CDDInterface_Per1_ModIdxFinal_Uls_f3	2	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrDax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrDax_Amp_f3		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK1_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK2_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32	tgt_CDDInterface_Per1_MtrCurrQaxFinalRef		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQax_Amp_f32 tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u	tgt_CDDInterface_Per1_MtrCurrQax_Amp_f3 tgt_CDDInterface_Per1_RxMtrPos1ParityAce		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCVSwitchADC_Cnt_u16	tgt_CDDInterface_Per1_SysCVSwitchADC_0		
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 SysCorrectedElecMtrPos Rev	tgt_CDDInterface_Per1_SysCorrectedElecM	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_UncorrMechMtrPos1_Rev_u0p			
Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	1	1	~
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0]	1 18255	1 18255	·
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1]	18255 18256	18255 18256	~
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2]	18255 18256 105757	18255 18256 105757	· ·
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	18255 18256 105757 5140	18255 18256 105757 5140	• • • • • • • • • • • • • • • • • • •
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value	18255 18256 105757 5140 2.01019192	18255 18256 105757 5140 2.01019192 ± 0.0625	
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value	18255 18256 105757 5140 2.01019192 1.01019204	18255 18256 105757 5140 2.01019192 ± 0.0625 1.01019204 ± 0.0625	• • • • • • • • • • • • • • • • • • •
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value	18255 18256 105757 5140 2.01019192	18255 18256 105757 5140 2.01019192 ± 0.0625	• • • • • • • • • • • • • • • • • • •
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value	18255 18256 105757 5140 2.01019192 1.01019204 4777.8501	18255 18256 105757 5140 2.01019192 ± 0.0625 1.01019204 ± 0.0625 4777.8501	
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value	18255 18256 105757 5140 2.01019192 1.01019204 4777.8501	18255 18256 105757 5140 2.01019192 ± 0.0625 1.01019204 ± 0.0625 4777.8501 0	
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value	18255 18256 105757 5140 2.01019192 1.01019204 4777.8501 0	18255 18256 105757 5140 2.01019192 ± 0.0625 1.01019204 ± 0.0625 4777.8501 0	• • • • • • • • • • • • • • • • • • •
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value	18255 18256 105757 5140 2.01019192 1.01019204 4777.8501 0 0 -0.109985352	18255 18256 105757 5140 2.01019192 ± 0.0625 1.01019204 ± 0.0625 4777.8501 0 0 -0.11000061 ± 0.0625	
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value	18255 18256 105757 5140 2.01019192 1.01019204 4777.8501 0 0 -0.109985352 3325 238 3083	18255 18256 105757 5140 2.01019192 ± 0.0625 1.01019204 ± 0.0625 4777.8501 0 0 -0.11000061 ± 0.0625 3325 238 3083	
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value	18255 18256 105757 5140 2.01019192 1.01019204 4777.8501 0 0 -0.109985352 3325 238 3083 3204	18255 18256 105757 5140 2.01019192 ± 0.0625 1.01019204 ± 0.0625 4777.8501 0 0 -0.11000061 ± 0.0625 3325 238 3083 3204	
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value	18255 18256 105757 5140 2.01019192 1.01019204 4777.8501 0 0 -0.109985352 3325 238 3083 3204 230	18255 18256 105757 5140 2.01019192 ± 0.0625 1.01019204 ± 0.0625 4777.8501 0 0 -0.11000061 ± 0.0625 3325 238 3083 3204 230	
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value	18255 18256 105757 5140 2.01019192 1.01019204 4777.8501 0 0 -0.109985352 3325 238 3083 3204 230 2962	18255 18256 105757 5140 2.01019192 ± 0.0625 1.01019204 ± 0.0625 4777.8501 0 0 -0.11000061 ± 0.0625 3325 238 3083 3204 230 2962	
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value	18255 18256 105757 5140 2.01019192 1.01019204 4777.8501 0 0 -0.109985352 3325 238 3083 3204 230 2962 5987	18255 18256 105757 5140 2.01019192 ± 0.0625 1.01019204 ± 0.0625 4777.8501 0 0 -0.11000061 ± 0.0625 3325 238 3083 3204 230 2962 5987	
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Ont_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value	18255 18256 105757 5140 2.01019192 1.01019204 4777.8501 0 0 -0.109985352 3325 238 3083 3204 230 2962 5987 2720	18255 18256 105757 5140 2.01019192 ± 0.0625 1.01019204 ± 0.0625 4777.8501 0 0 -0.11000061 ± 0.0625 3325 238 3083 3204 230 2962 5987 2720	
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value	18255 18256 105757 5140 2.01019192 1.01019204 4777.8501 0 0 -0.109985352 3325 238 3083 3204 230 2962 5987	18255 18256 105757 5140 2.01019192 ± 0.0625 1.01019204 ± 0.0625 4777.8501 0 0 -0.11000061 ± 0.0625 3325 238 3083 3204 230 2962 5987	
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PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeS_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeS_Cnt_u32.value tgt_CDDInterface_Per1_MesuredOnTimeS_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MrCurrK1_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrAx_Amp_f32.value	18255 18256 105757 5140 2.01019192 1.01019204 4777.8501 0 0 -0.109985352 3325 238 3083 3204 230 2962 5987 2720 142 323 17985 17552 56418 158 3204 0.24559021 65.8199997 -220 6.26999998 131.320007	18255 18256 105757 5140 2.01019192 ± 0.0625 1.01019204 ± 0.0625 4777.8501 0 0 -0.11000061 ± 0.0625 3325 238 3083 3204 230 2962 5987 2720 142 323 17985 17552 56418 158 3204 0.245605469 ± 0.0625 65.8199997 -220 6.26999998 131.320007	
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeS_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeS_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeS_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MrCurrX1_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrAx_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrAx_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrAx_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrAx_Amp_f32.value	18255 18256 105757 5140 2.01019192 1.01019204 4777.8501 0 0 -0.109985352 3325 238 3083 3204 230 2962 5987 2720 142 323 17985 17552 56418 158 3204 0.24559021 65.8199997 -220 6.26999998	18255 18256 105757 5140 2.01019192 ± 0.0625 1.01019204 ± 0.0625 4777.8501 0 0 -0.11000061 ± 0.0625 3325 238 3083 3204 230 2962 5987 2720 142 323 17985 17552 56418 158 3204 0.245605469 ± 0.0625 65.8199997 -220 6.26999998	
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeS_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeS_Cnt_u32.value tgt_CDDInterface_Per1_MesuredOnTimeS_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MrCurrK1_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrAx_Amp_f32.value	18255 18256 105757 5140 2.01019192 1.01019204 4777.8501 0 0 -0.109985352 3325 238 3083 3204 230 2962 5987 2720 142 323 17985 17552 56418 158 3204 0.24559021 65.8199997 -220 6.26999998 131.320007 144.751007	18255 18256 105757 5140 2.01019192 ± 0.0625 1.01019204 ± 0.0625 4777.8501 0 0 -0.11000061 ± 0.0625 3325 238 3083 3204 230 2962 5987 2720 142 323 17985 17552 56418 158 3204 0.245605469 ± 0.0625 65.8199997 -220 6.26999998 131.320007 144.751007	
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CurrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MrCurrX1_Amp_f32.value tgt_CDDInterface_Per1_MrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrAx_Amp_f32.value	18255 18256 105757 5140 2.01019192 1.01019204 4777.8501 0 0 -0.109985352 3325 238 3083 3204 230 2962 5987 2720 142 323 17985 17552 56418 158 3204 0.24559021 65.8199997 -220 6.26999998 131.320007 144.751007 222	18255 18256 105757 5140 2.01019192 ± 0.0625 1.01019204 ± 0.0625 4777.8501 0 0 -0.11000061 ± 0.0625 3325 238 3083 3204 230 2962 5987 2720 142 323 17985 17552 56418 158 3204 0.245605469 ± 0.0625 65.8199997 -220 6.26999998 131.320007 144.751007 222	





Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
CDDPorts_ClearPhsReasSum	1	CDDPorts_ClearPhsReasSum	1	~

Test Step 2.42 (Repeat Count = 1)	
Name	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16	1
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	4898.12012
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	6966.58008
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	26214
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	26870
CDD_CumMechMtrPos_Rev_G_s15p16[0]	8519
CDD_CumMechMtrPos_Rev_G_s15p16[1]	9175
CDD_Die1RxError_Cnt_G_u16[0] CDD_Die1RxError_Cnt_G_u16[1]	3446 4722
CDD_Die1RxMtrPos_Cnt_G_u16[0]	2962
CDD_Die1RxMtrPos_Cnt_G_u16[1]	3974
CDD_Die1RxRevCtr_Cnt_G_u16[0]	3204
CDD_Die1RxRevCtr_Cnt_G_u16[1]	4348
CDD_Die2RxError_Cnt_G_u16[0]	3325
CDD_Die2RxError_Cnt_G_u16[1]	4535
CDD_Die2RxMtrPos_Cnt_G_u16[0]	238
CDD_Die2RxMtrPos_Cnt_G_u16[1]	480
CDD_Die2RxRevCtr_Cnt_G_u16[0]	3083
CDD_Die2RxRevCtr_Cnt_G_u16[1]	4161
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	166
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	168
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0]	3325
CDD_MechMtrPos2TimeStamp_uSec_G_u32[1]	4535
CDD_ModIdxFinal_Uls_G_u16p16[0]	20466
CDD_ModIdxFinal_UIs_G_u16p16[1]	20473 0.0104467999
CDD_MtrCurr1_Volts_G_f32[0] CDD_MtrCurr1_Volts_G_f32[1]	2.01044679
CDD_MtrCurr2_Volts_G_f32[0]	0.0104467999
CDD_MtrCurr2_Volts_G_f32[1]	1.01044679
CDD_MtrCurrDax_Amp_G_f32[0]	67.4899979
CDD_MtrCurrDax_Amp_G_f32[1]	85.0800018
CDD_MtrCurrK1_Amps_G_f32[0]	220
CDD_MtrCurrK1_Amps_G_f32[1]	220
CDD_MtrCurrK2_Amps_G_f32[0]	34
CDD_MtrCurrK2_Amps_G_f32[1]	54
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	-204.639999
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	-177.850006
CDD_MtrCurrQax_Amp_G_f32[0]	-168.791
CDD_MtrCurrQax_Amp_G_f32[1]	-159.533997
CDD_PWMDutyCycleASum_Cnt_G_u32[0]	6108
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	8836 2841
CDD_PWMDutyCycleBSum_Cnt_G_u32[0] CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	3787
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	150
CDD PWMDutyCycleCSum Cnt G u32[1]	159
CDD_PhaseAdvFinal_Cnt_G_u16[0]	3567
CDD_PhaseAdvFinal_Cnt_G_u16[1]	4909
CDD_RxMtrPos1ParityAccum_Cnt_G_u16[0]	230
CDD_RxMtrPos1ParityAccum_Cnt_G_u16[1]	424
CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[0]	5624
CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[1]	8088
CDD_SysCVSwitchADC_Cnt_G_u16[0]	158
CDD_SysCVSwitchADC_Cnt_G_u16[1]	160
CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[0]	0
CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[1]	27525
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	0
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	27525
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1]	6567 8910
PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2]	50564
Rte_Inst_Sa_CDDInterface	tgt_Rte_Inst_Sa_CDDInterface
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	646047
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	846061
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	146068





Name	Input Value		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr1_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr2_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32	tgt_CDDInterface_Per1_CorrMtrCurrPosition_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev	tgt_CDDInterface_Per1_CorrectedElecMtrPo	sFloat_Rev_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p	tgt_CDDInterface_Per1_CorrectedElecMtrPo	s_Rev_u0p16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CumMechMtrPos_Rev_f32	tgt_CDDInterface_Per1_CumMechMtrPos_R	ev_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxError_Cnt_u16	tgt_CDDInterface_Per1_Die1RxError_Cnt_u1	16	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt$	target_CDDInterface_Per1_Die1UnderVoltgF	ItAccum_Cnt_u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxMtrPos_Cnt_u16	tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_	_u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxRevCtr_Cnt_u16	tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_	<u>u</u> 16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxError_Cnt_u16	tgt_CDDInterface_Per1_Die2RxError_Cnt_u1	16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxMtrPos_Cnt_u16	tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_	<u>u</u> 16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxRevCtr_Cnt_u16	tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_	u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeA_	Cnt_u32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeB_	Cnt_u32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeC_	Cnt_u32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_LRPRPhaseadvanceCaptured_	tgt_CDDInterface_Per1_LRPRPhaseadvance	eCaptured_Cnt_s16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeA_	Cnt_u32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeB_	Cnt u32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeC_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MechMtrPos1TimeStamp_USe			
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 MechMtrPos2TimeStamp USe		·	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ModIdxFinal_UIs_f32	tgt_CDDInterface_Per1_ModIdxFinal_Uls_f32		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrDax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrDax_Amp_f3		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK1_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK2_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32	tgt_CDDInterface_Per1_MtrCurrQaxFinalRef		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrQax_Amp_f3		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCVSwitchADC_Cnt_u16	tgt_CDDInterface_Per1_SysCVSwitchADC_0	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCorrectedElecMtrPos_Rev_	tgt_CDDInterface_Per1_SysCorrectedElecMt	trPos_Rev_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_UncorrMechMtrPos1_Rev_u0p	tgt_CDDInterface_Per1_UncorrMechMtrPos1	_Rev_u0p16	
Name	Actual Value	Expected Value	Result
1.4		-Apostou raido	
CDD_CDDDataAccessBfr_Cnt_G_u16	0	0	~
	0 80755	•	V
CDD_CDDDataAccessBfr_Cnt_G_u16		0	*
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0]	80755	0 80755	
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1]	80755 105757	0 80755 105757	~
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2]	80755 105757 18258	0 80755 105757 18258	*
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value	80755 105757 18258 8088	0 80755 105757 18258 8088	y
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value	80755 105757 18258 8088 2.01044679	0 80755 105757 18258 8088 2.01044679 ± 0.0625	\rightarrow \right
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value	80755 105757 18258 8088 2.01044679 1.01044679 6966.58008	0 80755 105757 18258 8088 2.01044679 ± 0.0625 1.01044679 ± 0.0625	· · · · · · · · · · · · · · · · · · ·
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value	80755 105757 18258 8088 2.01044679 1.01044679 6966.58008 0.410003662	0 80755 105757 18258 8088 2.01044679 ± 0.0625 1.01044679 ± 0.0625 6966.58008 0.410003662	· · · · · · · · · · · · · · · · · · ·
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value	80755 105757 18258 8088 2.01044679 1.01044679 6966.58008 0.410003662 26870	0 80755 105757 18258 8088 2.01044679 ± 0.0625 1.01044679 ± 0.0625 6966.58008 0.410003662 26870	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value	80755 105757 18258 8088 2.01044679 1.01044679 6966.58008 0.410003662 26870 0.13999939	0 80755 105757 18258 8088 2.01044679 ± 0.0625 1.01044679 ± 0.0625 6966.58008 0.410003662 26870 0.13999939 ± 0.0625	· · · · · · · · · · · · · · · · · · ·
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value	80755 105757 18258 8088 2.01044679 1.01044679 6966.58008 0.410003662 26870 0.13999939 4722	0 80755 105757 18258 8088 2.01044679 ± 0.0625 1.01044679 ± 0.0625 6966.58008 0.410003662 26870 0.13999939 ± 0.0625 4722	· · · · · · · · · · · · · · · · · · ·
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value	80755 105757 18258 8088 2.01044679 1.01044679 6966.58008 0.410003662 26870 0.13999939 4722	0 80755 105757 18258 8088 2.01044679 ± 0.0625 1.01044679 ± 0.0625 6966.58008 0.410003662 26870 0.13999939 ± 0.0625 4722 3974	· · · · · · · · · · · · · · · · · · ·
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value	80755 105757 18258 8088 2.01044679 1.01044679 6966.58008 0.410003662 26870 0.13999939 4722 3974 4348	0 80755 105757 18258 8088 2.01044679 ± 0.0625 1.01044679 ± 0.0625 6966.58008 0.410003662 26870 0.13999939 ± 0.0625 4722 3974 4348	· · · · · · · · · · · · · · · · · · ·
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value	80755 105757 18258 8088 2.01044679 1.01044679 6966.58008 0.410003662 26870 0.13999939 4722 3974 4348 4535	0 80755 105757 18258 8088 2.01044679 ± 0.0625 1.01044679 ± 0.0625 6966.58008 0.410003662 26870 0.13999939 ± 0.0625 4722 3974 4348 4535	· · · · · · · · · · · · · · · · · · ·
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value	80755 105757 18258 8088 2.01044679 1.01044679 6966.58008 0.410003662 26870 0.13999939 4722 3974 4348 4535 480	0 80755 105757 18258 8088 2.01044679 ± 0.0625 1.01044679 ± 0.0625 6966.58008 0.410003662 26870 0.13999939 ± 0.0625 4722 3974 4348 4535 480	· · · · · · · · · · · · · · · · · · ·
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value	80755 105757 18258 8088 2.01044679 1.01044679 6966.58008 0.410003662 26870 0.13999939 4722 3974 4348 4535 480 4161	0 80755 105757 18258 8088 2.01044679 ± 0.0625 1.01044679 ± 0.0625 6966.58008 0.410003662 26870 0.13999939 ± 0.0625 4722 3974 4348 4535 480 4161	· · · · · · · · · · · · · · · · · · ·
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value	80755 105757 18258 8088 2.01044679 1.01044679 6966.58008 0.410003662 26870 0.13999939 4722 3974 4348 4535 480 4161 8836	0 80755 105757 18258 8088 2.01044679 ± 0.0625 1.01044679 ± 0.0625 6966.58008 0.410003662 26870 0.13999939 ± 0.0625 4722 3974 4348 4535 480 4161 8836	· · · · · · · · · · · · · · · · · · ·
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CurmMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value	80755 105757 18258 8088 2.01044679 1.01044679 6966.58008 0.410003662 26870 0.13999939 4722 3974 4348 4535 480 4161 8836 3787	0 80755 105757 18258 8088 2.01044679 ± 0.0625 1.01044679 ± 0.0625 6966.58008 0.410003662 26870 0.1399939 ± 0.0625 4722 3974 4348 4535 480 4161 8836 3787	· · · · · · · · · · · · · · · · · · ·
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CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeoMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MeoMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MecMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_FinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_FinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_FinalRef_Amp_f32.value tgt_CDDInterface_Per1_Mtr	80755 105757 18258 8088 2.01044679 1.01044679 6966.58008 0.410003662 26870 0.1399939 4722 3974 4348 4535 480 4161 8836 3787 159 460 74188 96847 536838606 168 4535 0.312393188 85.0800018 220 54 -177.850006 -159.533997 424	0 80755 105757 18258 8088 2.01044679 ± 0.0625 1.01044679 ± 0.0625 6966.58008 0.410003662 26870 0.1399939 ± 0.0625 4722 3974 4348 4535 480 4161 8836 3787 159 460 74188 96847 536838606 168 4535 0.312393188 ± 0.0625 85.0800018 220 54 -177.850006 -159.533997 424	
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_McourtPosx_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value	80755 105757 18258 8088 2.01044679 1.01044679 6966.58008 0.410003662 26870 0.13999939 4722 3974 4348 4535 480 4161 8836 3787 159 460 74188 96847 536838606 168 4535 0.312393188 85.0800018 220 54 -177.850006 -159.533997 424	0 80755 105757 18258 8088 2.01044679 ± 0.0625 1.01044679 ± 0.0625 6966.58008 0.410003662 26870 0.1399939 ± 0.0625 4722 3974 4348 4535 480 4161 8836 3787 159 460 74188 96847 536838606 168 4535 0.312393188 ± 0.0625 85.0800018 220 54 -177.850006 -159.533997 424 160	





Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
CDDPorts_ClearPhsReasSum	1	CDDPorts_ClearPhsReasSum	1	~

Test Step 2.43 (Repeat Count = 1)	v v
Name	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16	1
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	5019.12012
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	7153.83984
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	0
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	27525
CDD_CumMechMtrPos_Rev_G_s15p16[0]	-9830
CDD_CumMechMtrPos_Rev_G_s15p16[1]	-10485
CDD_Die1RxError_Cnt_G_u16[0]	3567 4909
CDD_Die1RxError_Cnt_G_u16[1] CDD_Die1RxMtrPos_Cnt_G_u16[0]	3083
CDD_Die1RxMtrPos_Cnt_G_u16[1]	4161
CDD_Die1RxRevCtr_Cnt_G_u16[0]	3325
CDD_Die1RxRevCtr_Cnt_G_u16[1]	4535
CDD_Die2RxError_Cnt_G_u16[0]	3446
CDD_Die2RxError_Cnt_G_u16[1]	4722
CDD_Die2RxMtrPos_Cnt_G_u16[0]	2962
CDD_Die2RxMtrPos_Cnt_G_u16[1]	3974
CDD_Die2RxRevCtr_Cnt_G_u16[0]	3204
CDD_Die2RxRevCtr_Cnt_G_u16[1]	4348
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	174
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	176
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0]	3446
CDD_MechMtrPos2TimeStamp_uSec_G_u32[1]	4722 26941
CDD_ModldxFinal_Uls_G_u16p16[0] CDD_ModldxFinal_Uls_G_u16p16[1]	26948
CDD MtrCurr1 Volts G f32[0]	1.01070166
CDD_MtrCurr1_Volts_G_f32[1]	4.01070166
CDD_MtrCurr2_Volts_G_f32[0]	1.01070166
CDD_MtrCurr2_Volts_G_f32[1]	4.01070166
CDD_MtrCurrDax_Amp_G_f32[0]	-87.8199997
CDD_MtrCurrDax_Amp_G_f32[1]	-69.1600037
CDD_MtrCurrK1_Amps_G_f32[0]	0
CDD_MtrCurrK1_Amps_G_f32[1]	0
CDD_MtrCurrK2_Amps_G_f32[0]	59.2700005
CDD_MtrCurrK2_Amps_G_f32[1]	67.8899994
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	136.520004
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	212.479996
CDD_MtrCurrQax_Amp_G_f32[0]	192.830994
CDD_MtrCurrQax_Amp_G_f32[1] CDD PWMDutyCycleASum Cnt G u32[0]	203.834 6229
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	9023
CDD PWMDutyCycleBSum Cnt G u32[0]	190
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	192
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	158
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	160
CDD_PhaseAdvFinal_Cnt_G_u16[0]	3688
CDD_PhaseAdvFinal_Cnt_G_u16[1]	5096
CDD_RxMtrPos1ParityAccum_Cnt_G_u16[0]	238
CDD_RxMtrPos1ParityAccum_Cnt_G_u16[1]	480
CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[0]	5745
CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[1]	8275
CDD_SysCVSwitchADC_Cnt_G_u16[0]	166
CDD_SysCVSwitchADC_Cnt_G_u16[1]	168
CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[0]	0
CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[1]	28180
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0] CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	0 28180
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1] PXAccumPrev_Cnt_M_u32[0]	7688
PXAccumPrev_Cnt_M_u32[1]	9097
PXAccumPrev_Cnt_M_u32[2]	51789
Rte_Inst_Sa_CDDInterface	tgt_Rte_Inst_Sa_CDDInterface
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	146054
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	146068
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	545942

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Name	Input Value		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr1_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr1_Volts	_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr2_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr2_Volts	_f32	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32$	tgt_CDDInterface_Per1_CorrMtrCurrPosition	_Rev_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPosFloat_Re			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CumMechMtrPos_Rev_f32	tgt_CDDInterface_Per1_CumMechMtrPos_R	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxError_Cnt_u16 tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_	tgt_CDDInterface_Per1_Die1RxError_Cnt_u' target_CDDInterface_Per1_Die1UnderVoltgF		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxMtrPos_Cnt_u16	tgt CDDInterface Per1 Die1RxMtrPos Cnt		
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 Die1RxRevCtr Cnt u16	tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxError_Cnt_u16	tgt_CDDInterface_Per1_Die2RxError_Cnt_u		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxMtrPos_Cnt_u16	tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_	_u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxRevCtr_Cnt_u16	tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_	_u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeA_	Cnt_u32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeB_	-	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeC_	-	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_LRPRPhaseadvanceCaptured_	tgt_CDDInterface_Per1_LRPRPhaseadvance		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeA_ tgt_CDDInterface_Per1_MeasuredOnTimeB	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32 tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeC_		
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 MechMtrPos1TimeStamp USe		_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MechMtrPos2TimeStamp_USe			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ModIdxFinal_UIs_f32	tgt_CDDInterface_Per1_ModIdxFinal_Uls_f3:		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrDax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrDax_Amp_f3		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK1_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK2_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32	2	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32$	tgt_CDDInterface_Per1_MtrCurrQaxFinalRef	_Amp_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrQax_Amp_f3	32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u	tgt_CDDInterface_Per1_RxMtrPos1ParityAcc	cum_Cnt_u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCVSwitchADC_Cnt_u16	tgt_CDDInterface_Per1_SysCVSwitchADC_0	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCorrectedElecMtrPos_Rev_	tgt_CDDInterface_Per1_SysCorrectedElecMi		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_UncorrMechMtrPos1_Rev_u0p			D
Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev Cnt M u32[0]	18256	18256	
1 XACCUM TCV_CMC_W_u02[0]	10230	10230	•
PXAccumPrev Cnt M u32[1]	18258	18258	✓
PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2]	18258 68242	18258 68242	V
PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value			-
PXAccumPrev_Cnt_M_u32[2]	68242	68242	-
PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	68242 8275	68242 8275	~
PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value	68242 8275 4.01070166 4.01070166 7153.83984	68242 8275 4.01070166 ± 0.0625	· · · · · · · · · · · · · · · · · · ·
PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value	68242 8275 4.01070166 4.01070166 7153.83984 0.419998169	68242 8275 4.01070166 ± 0.0625 4.01070166 ± 0.0625 7153.83984 0.419998169	-
PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value	68242 8275 4.01070166 4.01070166 7153.83984 0.419998169 27525	68242 8275 4.01070166 ± 0.0625 4.01070166 ± 0.0625 7153.83984 0.419998169 27525	· · · · · · · · · · · · · · · · · · ·
PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CurrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value	68242 8275 4.01070166 4.01070166 7153.83984 0.419998169 27525 -0.159988403	68242 8275 4.01070166 ± 0.0625 4.01070166 ± 0.0625 7153.83984 0.419998169 27525 -0.160003662 ± 0.0625	-
PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value	68242 8275 4.01070166 4.01070166 7153.83984 0.419998169 27525 -0.159988403 4909	68242 8275 4.01070166 ± 0.0625 4.01070166 ± 0.0625 7153.83984 0.419998169 27525 -0.160003662 ± 0.0625 4909	***************************************
PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value	68242 8275 4.01070166 4.01070166 7153.83984 0.419998169 27525 -0.159988403 4909 4161	68242 8275 4.01070166 ± 0.0625 4.01070166 ± 0.0625 7153.83984 0.419998169 27525 -0.160003662 ± 0.0625 4909 4161	· · · · · · · · · · · · · · · · · · ·
PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value	68242 8275 4.01070166 4.01070166 7153.83984 0.419998169 27525 -0.159988403 4909 4161 4535	68242 8275 4.01070166 ± 0.0625 4.01070166 ± 0.0625 7153.83984 0.419998169 27525 -0.160003662 ± 0.0625 4909 4161 4535	***************************************
PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value	68242 8275 4.01070166 4.01070166 7153.83984 0.419998169 27525 -0.159988403 4909 4161 4535 4722	68242 8275 4.01070166 ± 0.0625 4.01070166 ± 0.0625 7153.83984 0.419998169 27525 -0.160003662 ± 0.0625 4909 4161 4535 4722	***************************************
PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value	68242 8275 4.01070166 4.01070166 7153.83984 0.419998169 27525 -0.159988403 4909 4161 4535	68242 8275 4.01070166 ± 0.0625 4.01070166 ± 0.0625 7153.83984 0.419998169 27525 -0.160003662 ± 0.0625 4909 4161 4535	***************************************
PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value	68242 8275 4.01070166 4.01070166 7153.83984 0.419998169 27525 -0.159988403 4909 4161 4535 4722 3974	68242 8275 4.01070166 ± 0.0625 4.01070166 ± 0.0625 7153.83984 0.419998169 27525 -0.160003662 ± 0.0625 4909 4161 4535 4722 3974	***************************************
PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value	68242 8275 4.01070166 4.01070166 7153.83984 0.419998169 27525 -0.159988403 4909 4161 4535 4722 3974	68242 8275 4.01070166 ± 0.0625 4.01070166 ± 0.0625 7153.83984 0.419998169 27525 -0.160003662 ± 0.0625 4909 4161 4535 4722 3974 4348	***************************************
PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value	68242 8275 4.01070166 4.01070166 7153.83984 0.419998169 27525 -0.159988403 4909 4161 4535 4722 3974 4348 9023	68242 8275 4.01070166 ± 0.0625 4.01070166 ± 0.0625 7153.83984 0.419998169 27525 -0.160003662 ± 0.0625 4909 4161 4535 4722 3974 4348 9023	· · · · · · · · · · · · · · · · · · ·
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PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_g32.value tgt_CDDInterface_Per1_CurnMechMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value	68242 8275 4.01070166 4.01070166 7153.83984 0.419998169 27525 -0.159988403 4909 4161 4535 4722 3974 4348 9023 192 160 477 10568	68242 8275 4.01070166 ± 0.0625 4.01070166 ± 0.0625 7153.83984 0.419998169 27525 -0.160003662 ± 0.0625 4909 4161 4535 4722 3974 4348 9023 192 160 477	· · · · · · · · · · · · · · · · · · ·
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PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_HeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value	68242 8275 4.01070166 4.01070166 7153.83984 0.419998169 27525 -0.159988403 4909 4161 4535 4722 3974 4348 9023 192 160 477 10568 9161	68242 8275 4.01070166 ± 0.0625 4.01070166 ± 0.0625 7153.83984 0.419998169 27525 -0.160003662 ± 0.0625 4909 4161 4535 4722 3974 4348 9023 192 160 477 10568 9161 16453	· · · · · · · · · · · · · · · · · · ·
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PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CurmMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_ModldxFinal_Uls_f32.value tgt_CDDInterface_Per1_ModldxFinal_Uls_f32.value tgt_CDDInterface_Per1_MtrCurrR1_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrR2_Amp_f32.value	68242 8275 4.01070166 4.01070166 7153.83984 0.419998169 27525 -0.159988403 4909 4161 4535 4722 3974 4348 9023 192 160 477 10568 9161 16453 176 4722 0.411193848 -69.1600037 0 67.8899994	68242 8275 4.01070166 ± 0.0625 4.01070166 ± 0.0625 7153.83984 0.419998169 27525 -0.160003662 ± 0.0625 4909 4161 4535 4722 3974 4348 9023 192 160 477 10568 9161 16453 176 4722 0.411193848 ± 0.0625 -69.1600037 0 67.8899994	
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PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeS_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MctCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrR1_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrR2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrR2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrR2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_FinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_FinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_FinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_FinalRef_Amp_f32.value	68242 8275 4.01070166 4.01070166 7153.83984 0.419998169 27525 -0.159988403 4909 4161 4535 4722 3974 4348 9023 192 160 477 10568 9161 16453 176 4722 0.411193848 -69.1600037 0 67.8899994 212.479996 203.834 480 168	68242 8275 4.01070166 ± 0.0625 4.01070166 ± 0.0625 7153.83984 0.419998169 27525 -0.160003662 ± 0.0625 4909 4161 4535 4722 3974 4348 9023 192 160 477 10568 9161 16453 176 4722 0.411193848 ± 0.0625 -69.1600037 0 67.8899994 212.479996 203.834 480 168	
PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MtrCurrR2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrR2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrR2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrR2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value	68242 8275 4.01070166 4.01070166 7153.83984 0.419998169 27525 -0.159988403 4909 4161 4535 4722 3974 4348 9023 192 160 477 10568 9161 16453 176 4722 0.411193848 -69.1600037 0 67.8899994 212.479996 203.834 480	68242 8275 4.01070166 ± 0.0625 4.01070166 ± 0.0625 7153.83984 0.419998169 27525 -0.160003662 ± 0.0625 4909 4161 4535 4722 3974 4348 9023 192 160 477 10568 9161 16453 176 4722 0.411193848 ± 0.0625 -69.1600037 0 67.8899994 212.479996 203.834 480	



Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
CDDPorts ClearPhsReasSum	1	CDDPorts ClearPhsReasSum	1	~

Test Step 2.44 (Repeat Count = 1)	✓
Name	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16	0
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	5140.75
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	7340.50977
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	0
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	28180
CDD_CumMechMtrPos_Rev_G_s15p16[0]	30801 31457
CDD_CumMechMtrPos_Rev_G_s15p16[1] CDD_Die1RxError_Cnt_G_u16[0]	3688
CDD_Die1RxError_Cnt_G_u16[1]	5096
CDD_Die1RxMtrPos_Cnt_G_u16[0]	3204
CDD_Die1RxMtrPos_Cnt_G_u16[1]	4348
CDD_Die1RxRevCtr_Cnt_G_u16[0]	3446
CDD_Die1RxRevCtr_Cnt_G_u16[1]	4722
CDD_Die2RxError_Cnt_G_u16[0]	3567
CDD_Die2RxError_Cnt_G_u16[1]	4909
CDD_Die2RxMtrPos_Cnt_G_u16[0]	3083
CDD_Die2RxMtrPos_Cnt_G_u16[1]	4161
CDD_Die2RxRevCtr_Cnt_G_u16[0]	3325
CDD_Die2RxRevCtr_Cnt_G_u16[1]	4535
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	182
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	184
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0]	3567 4909
CDD_MechMtrPos2TimeStamp_uSec_G_u32[1] CDD_ModIdxFinal_UIs_G_u16p16[0]	34281
CDD_ModIdxFinal_UIs_G_u16p16[1]	34288
CDD MtrCurr1 Volts G f32[0]	2.01095629
CDD_MtrCurr1_Volts_G_f32[1]	1.01095641
CDD_MtrCurr2_Volts_G_f32[0]	1.01095641
CDD_MtrCurr2_Volts_G_f32[1]	2.01095629
CDD_MtrCurrDax_Amp_G_f32[0]	70.8300018
CDD_MtrCurrDax_Amp_G_f32[1]	90.5599976
CDD_MtrCurrK1_Amps_G_f32[0]	13.7799997
CDD_MtrCurrK1_Amps_G_f32[1]	15.6700001
CDD_MtrCurrK2_Amps_G_f32[0]	10.25
CDD_MtrCurrK2_Amps_G_f32[1]	15.3599997
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	120.710999
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	130.934006
CDD_MtrCurrQax_Amp_G_f32[0]	141.156998 151.380005
CDD_MtrCurrQax_Amp_G_f32[1] CDD PWMDutyCycleASum Cnt G u32[0]	6350
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	9210
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	2962
CDD PWMDutyCycleBSum Cnt G u32[1]	3974
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	166
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	168
CDD_PhaseAdvFinal_Cnt_G_u16[0]	3809
CDD_PhaseAdvFinal_Cnt_G_u16[1]	5283
CDD_RxMtrPos1ParityAccum_Cnt_G_u16[0]	2962
CDD_RxMtrPos1ParityAccum_Cnt_G_u16[1]	3974
CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[0]	5745
CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[1]	8275
CDD_SysCVSwitchADC_Cnt_G_u16[0]	174
CDD_SysCVSwitchADC_Cnt_G_u16[1]	176
CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[0] CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[1]	28180
CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[1] CDD UncorrMechMtrPos1 Rev G u0p16[0]	28835 28180
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	28835
PXAccumPrev_Cnt_M_u32[0]	4656
PXAccumPrev_Cnt_M_u32[1]	6592
PXAccumPrev_Cnt_M_u32[2]	53014
Rte_Inst_Sa_CDDInterface	tgt_Rte_Inst_Sa_CDDInterface
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	846061
A HETDROCRAM1 LIN Program1 CT DOACC 1 mamani data want	445928
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	

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Name	Input Value		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr1_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr1_Volts	f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr2_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr2_Volts		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32	tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32		
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPosFloat_Revenue and the property of the prop$	tgt_CDDInterface_Per1_CorrectedElecMtrPo	sFloat_Rev_f32	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0properties and the properties of the properti$	tgt_CDDInterface_Per1_CorrectedElecMtrPo	s_Rev_u0p16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CumMechMtrPos_Rev_f32	tgt_CDDInterface_Per1_CumMechMtrPos_R	ev_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxError_Cnt_u16	tgt_CDDInterface_Per1_Die1RxError_Cnt_u		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_	target_CDDInterface_Per1_Die1UnderVoltgF		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxMtrPos_Cnt_u16	tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxRevCtr_Cnt_u16	tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxError_Cnt_u16 tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxMtrPos_Cnt_u16	tgt_CDDInterface_Per1_Die2RxError_Cnt_ur tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxRevCtr_Cnt_u16	tgt CDDInterface Per1 Die2RxRevCtr Cnt		
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 ExpectedOnTimeA Cnt u32	tgt_CDDInterface_Per1_ExpectedOnTimeA_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeB_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeC_	Cnt_u32	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_LRPRPhase advance Captured_Inst_Sa_CDDInterface_Per1_LRPRPhase advance Captured_Inst_Sa_CDDInterface_Per1_LRPRPPhase advance Captured_Inst_Sa_CDDInterface_Per1_LRPRPPhase advance CaptureD_Inst_Sa_CDDInterface_Per1_LRPRPPhase Advance CaptureD_Inst_Sa_CDDInterface_Per1_LRPRPPhase Advance CaptureD_Inst_Sa_CDDINTERPRPPhase Advance CaptureD_Inst_D_I$	tgt_CDDInterface_Per1_LRPRPhaseadvance	eCaptured_Cnt_s16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MechMtrPos1TimeStamp_USe		·	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MechMtrPos2TimeStamp_USet tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ModIdxFinal_UIs_f32	tgt_CDDInterface_Per1_MechMtrPos2TimeS tgt_CDDInterface_Per1_ModIdxFinal_Uls_f3:		
tgt_Rte_Inst_Sa_CDDInterlace.CDDInterlace_Per1_MicroloxFinal_Ois_is2 tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrDax_Amp_f32	tgt_CDDInterface_Per1_ModidxFinal_dis_ls.		
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 MtrCurrK1 Amp f32	tgt CDDInterface Per1 MtrCurrK1 Amp f32		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK2_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32	tgt_CDDInterface_Per1_MtrCurrQaxFinalRef		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrQax_Amp_f3	32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u	tgt_CDDInterface_Per1_RxMtrPos1ParityAcc	cum_Cnt_u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCVSwitchADC_Cnt_u16	tgt_CDDInterface_Per1_SysCVSwitchADC_0	Cnt_u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCorrectedElecMtrPos_Rev_	tgt_CDDInterface_Per1_SysCorrectedElecMi	trPos_Rev_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_UncorrMechMtrPos1_Rev_u0p	tgt_CDDInterface_Per1_UncorrMechMtrPos1	I_Rev_u0p16	
Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	1	1	~
PXAccumPrev_Cnt_M_u32[0]	105757	105757	✓
PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2]	18243	55741 18243	✓
PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	5745	5745	Ž
tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value	2.01095629	2.01095629 ± 0.0625	✓
tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value	1.01095641	1.01095641 ± 0.0625	~
tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value	5140.75	5140.75	✓
tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value	0	0	✓
tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value	0	0	✓
tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value	0.469985962	0.470001221 ± 0.0625	~
tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value	3688	3688	✓
tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value	3204	3204	~
tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value	3446	3446	•
tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value	3567 3083	3567 3083	✓
tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value	3325	3325	Ž
tgt_CDDInterface_ren_blezkkrevcti_Cnt_uro.value	6350	6350	~
tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value	2962	2962	~
tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value	166	166	✓
tgt_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value	357	357	~
tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value	101101	101101	~
tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value	49149	49149	~
tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value	536836141	536836141	~
tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value	182	182	~
tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value	3567	3567	✓
tgt_CDDInterface_Per1_ModIdxFinal_Uls_f32.value	0.523086548	0.523101807 ± 0.0625	·
tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32.value	70.8300018 13.7799997	70.8300018 13.7799997	~
igi_Obbiliteriace_reli_witiOutft i_Attip_loz.value		10.112221	~
tgt CDDInterface Per1 MtrCurrK2 Amp f32 value		10.25	
tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value	10.25 120.710999	10.25 120.710999	
tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value	10.25		~
tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value	10.25 120.710999	120.710999	\ \ \
tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value	10.25 120.710999 141.156998	120.710999 141.156998	V
tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u16.value	10.25 120.710999 141.156998 2962	120.710999 141.156998 2962	V





Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
CDDPorts_ClearPhsReasSum	1	CDDPorts_ClearPhsReasSum	1	~

Test Step 2.45 (Repeat Count = 1)	v v
Name	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16	1
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	5261.18018
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	7527.8501
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	28180
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	28836
CDD_CumMechMtrPos_Rev_G_s15p16[0]	-3211
CDD_CumMechMtrPos_Rev_G_s15p16[1]	-3276
CDD_Die1RxError_Cnt_G_u16[0]	3809 5283
CDD_Die1RxError_Cnt_G_u16[1] CDD_Die1RxMtrPos_Cnt_G_u16[0]	3325
CDD_Die1RxMtrPos_Cnt_G_u16[1]	4535
CDD_Die1RxRevCtr_Cnt_G_u16[0]	3567
CDD_Die1RxRevCtr_Cnt_G_u16[1]	4909
CDD_Die2RxError_Cnt_G_u16[0]	3688
CDD_Die2RxError_Cnt_G_u16[1]	5096
CDD_Die2RxMtrPos_Cnt_G_u16[0]	3204
CDD_Die2RxMtrPos_Cnt_G_u16[1]	4348
CDD_Die2RxRevCtr_Cnt_G_u16[0]	3446
CDD_Die2RxRevCtr_Cnt_G_u16[1]	4722
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	190
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	192
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0]	3688
CDD_MechMtrPos2TimeStamp_uSec_G_u32[1]	5096 10819
CDD_ModldxFinal_Uls_G_u16p16[0] CDD_ModldxFinal_Uls_G_u16p16[1]	10826
CDD MtrCurr1 Volts G f32[0]	2.01121116
CDD_MtrCurr1_Volts_G_f32[1]	1.01121116
CDD_MtrCurr2_Volts_G_f32[0]	1.01121116
CDD_MtrCurr2_Volts_G_f32[1]	2.01121116
CDD_MtrCurrDax_Amp_G_f32[0]	72.5
CDD_MtrCurrDax_Amp_G_f32[1]	93.2900009
CDD_MtrCurrK1_Amps_G_f32[0]	-15
CDD_MtrCurrK1_Amps_G_f32[1]	-16.4500008
CDD_MtrCurrK2_Amps_G_f32[0]	25.3600006
CDD_MtrCurrK2_Amps_G_f32[1]	35.8899994
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	144.751007
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	155.233994
CDD_MtrCurrQax_Amp_G_f32[0]	100.264999 110.487999
CDD_MtrCurrQax_Amp_G_f32[1] CDD_PWMDutyCycleASum_Cnt_G_u32[0]	214
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	312
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	3083
CDD PWMDutyCycleBSum Cnt G u32[1]	4161
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	174
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	176
CDD_PhaseAdvFinal_Cnt_G_u16[0]	3930
CDD_PhaseAdvFinal_Cnt_G_u16[1]	5470
CDD_RxMtrPos1ParityAccum_Cnt_G_u16[0]	3083
CDD_RxMtrPos1ParityAccum_Cnt_G_u16[1]	4161
CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[0]	5628
CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[1]	8097
CDD_SysCVSwitchADC_Cnt_G_u16[0]	182
CDD_SysCVSwitchADC_Cnt_G_u16[1] CDD_SysCorrectedEleaMtrDea_Rey_C_u0e16[0]	184
CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[0] CDD SysCorrectedElecMtrPos Rev G u0p16[1]	29491
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	0
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	29491
PXAccumPrev_Cnt_M_u32[0]	4777
PXAccumPrev_Cnt_M_u32[1]	6779
PXAccumPrev_Cnt_M_u32[2]	54239
Rte_Inst_Sa_CDDInterface	tgt_Rte_Inst_Sa_CDDInterface
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	146068
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	145935
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	145956

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Name	Input Value		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr1_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr1_Volts	_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr2_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr2_Volts	_f32	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32$	tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CumMechMtrPos_Rev_f32	tgt_CDDInterface_Per1_CumMechMtrPos_R	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxError_Cnt_u16 tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_	tgt_CDDInterface_Per1_Die1RxError_Cnt_u′ target_CDDInterface_Per1_Die1UnderVoltgF		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxMtrPos_Cnt_u16	tgt CDDInterface Per1 Die1RxMtrPos Cnt		
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 Die1RxRevCtr Cnt u16	tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxError_Cnt_u16	tgt_CDDInterface_Per1_Die2RxError_Cnt_u^		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxMtrPos_Cnt_u16	tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_	u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxRevCtr_Cnt_u16	tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_	<u>u</u> 16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeA_	Cnt_u32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeB_	-	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeC_	-	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_LRPRPhaseadvanceCaptured_	tgt_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32 tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32 tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32		
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 MechMtrPos1TimeStamp USe			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MechMtrPos2TimeStamp_USe		'	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ModIdxFinal_Uls_f32	tgt_CDDInterface_Per1_ModIdxFinal_Uls_f3:		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrDax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrDax_Amp_f3	32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK1_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32	2	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK2_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32	2	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32	tgt_CDDInterface_Per1_MtrCurrQaxFinalRef		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrQax_Amp_f3		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCVSwitchADC_Cnt_u16	tgt_CDDInterface_Per1_SysCVSwitchADC_0	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCorrectedElecMtrPos_Rev_ tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_UncorrMechMtrPos1_Rev_u0p	tgt_CDDInterface_Per1_SysCorrectedElecMitgt_CDDInterface_Per1_UncorrMechMtrPos1		
Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	0	0	ixesuit
PXAccumPrev Cnt M u32[0]	18258	18258	~
PXAccumPrev_Cnt_M_u32[1]	18241	18241	~
PXAccumPrev_Cnt_M_u32[2]	18244	18244	~
target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	8097	8097	~
tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value	1.01121116	1.01121116 ± 0.0625	~
tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value	2.01121116	2.01121116 ± 0.0625	~
tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value	7527.8501	7527.8501	~
tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value	0.440002441	0.440002441	V
tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value	28836 -0.049987793	28836 -0.0500030518 ± 0.0625	*
tgt CDDInterface Per1 Die1RxError Cnt u16.value	5283	5283	-
tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value	4535	4535	
tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value	1 111		_
tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value	4909	4909	~
tgt CDDInterface Per1 Die2RxMtrPos Cnt u16.value	4909 5096		~
tgt_CDDIItterface_Fei 1_Die2RxivitiF0S_Cftt_u 10.value		4909	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value	5096	4909 5096	→
	5096 4348	4909 5096 4348	\(\frac{1}{2}\)
tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value	5096 4348 4722 312 4161	4909 5096 4348 4722 312 4161	· · · · · · · · · · · · · · · · · · ·
tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value	5096 4348 4722 312 4161 176	4909 5096 4348 4722 312 4161 176	\(\text{\tin}\text{\tetx{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\ti}\tint{\text{\text{\text{\text{\text{\tin}\text{\text{\text{\ti}\tint{\text{\text{\text{\text{\text{\text{\text{\text{\text{\ti}\titt{\text{\text{\text{\text{\text{\text{\texi}\text{\text{\ti}\tittt{\text{\text{\text{\text{\texi}\tiint{\text{\texi}\text{\text{\text{\text{\text{\text{\tin}\text{\texit{\text{\tet
tgl_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value	5096 4348 4722 312 4161 176 512	4909 5096 4348 4722 312 4161 176 512	· · · · · · · · · · · · · · · · · · ·
tgl_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value	5096 4348 4722 312 4161 176 512 13481	4909 5096 4348 4722 312 4161 176 512	· · · · · · · · · · · · · · · · · · ·
tgl_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value	5096 4348 4722 312 4161 176 512 13481 11462	4909 5096 4348 4722 312 4161 176 512 13481 11462	***************************************
tgl_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value	5096 4348 4722 312 4161 176 512 13481 11462 536834917	4909 5096 4348 4722 312 4161 176 512 13481 11462 536834917	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
tgl_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value	5096 4348 4722 312 4161 176 512 13481 11462	4909 5096 4348 4722 312 4161 176 512 13481 11462	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
tgl_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgl_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgl_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgl_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgl_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value tgl_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgl_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgl_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgl_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgl_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value	5096 4348 4722 312 4161 176 512 13481 11462 536834917 192	4909 5096 4348 4722 312 4161 176 512 13481 11462 536834917 192	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
tgl_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgl_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgl_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgl_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgl_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value tgl_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgl_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgl_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgl_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgl_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgl_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value	5096 4348 4722 312 4161 176 512 13481 11462 536834917 192 5096	4909 5096 4348 4722 312 4161 176 512 13481 11462 536834917 192 5096	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
tgl_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgl_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgl_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgl_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgl_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value tgl_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgl_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgl_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgl_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgl_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgl_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgl_CDDInterface_Per1_ModIdxFinal_UIs_f32.value	5096 4348 4722 312 4161 176 512 13481 11462 536834917 192 5096 0.16519165	4909 5096 4348 4722 312 4161 176 512 13481 11462 536834917 192 5096 0.165206909 ± 0.0625)
tgl_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgl_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgl_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgl_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgl_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value tgl_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgl_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgl_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgl_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgl_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgl_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgl_CDDInterface_Per1_ModIdxFinal_UIs_f32.value tgl_CDDInterface_Per1_ModIdxFinal_UIs_f32.value tgl_CDDInterface_Per1_MtrCurrDax_Amp_f32.value	5096 4348 4722 312 4161 176 512 13481 11462 536834917 192 5096 0.16519165 93.2900009	4909 5096 4348 4722 312 4161 176 512 13481 11462 536834917 192 5096 0.165206909 ± 0.0625 93.2900009	· · · · · · · · · · · · · · · · · · ·
tgl_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgl_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgl_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgl_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgl_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value tgl_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgl_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgl_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgl_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgl_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgl_CDDInterface_Per1_ModldxFinal_UIs_f32.value tgl_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgl_CDDInterface_Per1_MtrCurrK1_Amp_f32.value tgl_CDDInterface_Per1_MtrCurrK2_Amp_f32.value tgl_CDDInterface_Per1_MtrCurrK2_Amp_f32.value tgl_CDDInterface_Per1_MtrCurrK2_Amp_f32.value	5096 4348 4722 312 4161 176 512 13481 11462 536834917 192 5096 0.16519165 93.2900009 -16.4500008 35.8899994 155.233994	4909 5096 4348 4722 312 4161 176 512 13481 11462 536834917 192 5096 0.165206909 ± 0.0625 93.2900009 -16.4500008 35.8899994 155.233994	· · · · · · · · · · · · · · · · · · ·
tgl_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgl_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgl_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgl_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgl_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value tgl_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgl_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgl_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgl_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgl_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgl_CDDInterface_Per1_ModldxFinal_UIs_f32.value tgl_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgl_CDDInterface_Per1_MtrCurrK1_Amp_f32.value tgl_CDDInterface_Per1_MtrCurrK2_Amp_f32.value tgl_CDDInterface_Per1_MtrCurrK2_Amp_f32.value tgl_CDDInterface_Per1_MtrCurrQax_FinalRef_Amp_f32.value tgl_CDDInterface_Per1_MtrCurrQax_FinalRef_Amp_f32.value tgl_CDDInterface_Per1_MtrCurrQax_Amp_f32.value	5096 4348 4722 312 4161 176 512 13481 11462 536834917 192 5096 0.16519165 93.2900009 -16.4500008 35.8899994 155.233994 110.487999	4909 5096 4348 4722 312 4161 176 512 13481 11462 536834917 192 5096 0.165206909 ± 0.0625 93.2900009 -16.4500008 35.8899994 155.233994 110.487999	· · · · · · · · · · · · · · · · · · ·
tgl_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgl_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgl_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgl_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgl_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value tgl_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgl_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgl_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgl_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgl_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgl_CDDInterface_Per1_MedldxFinal_UIs_f32.value tgl_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgl_CDDInterface_Per1_MtrCurrK1_Amp_f32.value tgl_CDDInterface_Per1_MtrCurrK2_Amp_f32.value tgl_CDDInterface_Per1_MtrCurrK2_Amp_f32.value tgl_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value tgl_CDDInterface_Per1_MtrCurrQax_FinalRef_Amp_f32.value tgl_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgl_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgl_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgl_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgl_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgl_CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u16.value	5096 4348 4722 312 4161 176 512 13481 11462 536834917 192 5096 0.16519165 93.2900009 -16.4500008 35.889994 155.233994 110.487999 4161	4909 5096 4348 4722 312 4161 176 512 13481 11462 536834917 192 5096 0.165206909 ± 0.0625 93.2900009 -16.4500008 35.8899994 155.233994 110.487999 4161	· · · · · · · · · · · · · · · · · · ·
tgl_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_ModldxFinal_UIs_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u16.value tgt_CDDInterface_Per1_SysCVSwitchADC_Cnt_u16.value	5096 4348 4722 312 4161 176 512 13481 11462 536834917 192 5096 0.16519165 93.290009 -16.450008 35.889994 155.23394 110.487999 4161 184	4909 5096 4348 4722 312 4161 176 512 13481 11462 536834917 192 5096 0.165206909 ± 0.0625 93.2900009 -16.4500008 35.8899994 155.233994 110.487999 4161 184	· · · · · · · · · · · · · · · · · · ·
tgl_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgl_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgl_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgl_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgl_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value tgl_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgl_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgl_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgl_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgl_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgl_CDDInterface_Per1_MedldxFinal_UIs_f32.value tgl_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgl_CDDInterface_Per1_MtrCurrK1_Amp_f32.value tgl_CDDInterface_Per1_MtrCurrK2_Amp_f32.value tgl_CDDInterface_Per1_MtrCurrK2_Amp_f32.value tgl_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value tgl_CDDInterface_Per1_MtrCurrQax_FinalRef_Amp_f32.value tgl_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgl_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgl_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgl_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgl_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgl_CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u16.value	5096 4348 4722 312 4161 176 512 13481 11462 536834917 192 5096 0.16519165 93.2900009 -16.4500008 35.889994 155.233994 110.487999 4161	4909 5096 4348 4722 312 4161 176 512 13481 11462 536834917 192 5096 0.165206909 ± 0.0625 93.2900009 -16.4500008 35.8899994 155.233994 110.487999 4161	· · · · · · · · · · · · · · · · · · ·





Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
CDDPorts_ClearPhsReasSum	1	CDDPorts_ClearPhsReasSum	1	~

Test Step 2.46 (Repeat Count = 1)	✓
Name	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16	1
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	5382.16992
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	7714.95996
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	0
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	29491
CDD_CumMechMtrPos_Rev_G_s15p16[0]	3342 3407
CDD_CumMechMtrPos_Rev_G_s15p16[1] CDD_Die1RxError_Cnt_G_u16[0]	3930
CDD_Die1RxError_Cnt_G_u16[1]	5470
CDD_Die1RxMtrPos_Cnt_G_u16[0]	3446
CDD_Die1RxMtrPos_Cnt_G_u16[1]	4722
CDD_Die1RxRevCtr_Cnt_G_u16[0]	3688
CDD_Die1RxRevCtr_Cnt_G_u16[1]	5096
CDD_Die2RxError_Cnt_G_u16[0]	3809
CDD_Die2RxError_Cnt_G_u16[1]	5283
CDD_Die2RxMtrPos_Cnt_G_u16[0]	3325
CDD_Die2RxMtrPos_Cnt_G_u16[1]	4535
CDD_Die2RxRevCtr_Cnt_G_u16[0]	3567
CDD_Die2RxRevCtr_Cnt_G_u16[1]	4909
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	198
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1] CDD_MechMtrPos2TimeStamp_uSec_G_u32[0]	200 3809
CDD_MechMtrPos2TimeStamp_uSec_G_u32[t] CDD_MechMtrPos2TimeStamp_uSec_G_u32[1]	5283
CDD_ModIdxFinal_Uls_G_u16p16[0]	15165
CDD_ModIdxFinal_Uls_G_u16p16[1]	15171
CDD MtrCurr1 Volts G f32[0]	0.0114660002
CDD_MtrCurr1_Volts_G_f32[1]	2.01146603
CDD_MtrCurr2_Volts_G_f32[0]	0.0114660002
CDD_MtrCurr2_Volts_G_f32[1]	1.01146603
CDD_MtrCurrDax_Amp_G_f32[0]	74.1699982
CDD_MtrCurrDax_Amp_G_f32[1]	96.0390015
CDD_MtrCurrK1_Amps_G_f32[0]	-22.6900005
CDD_MtrCurrK1_Amps_G_f32[1]	-24.7600002
CDD_MtrCurrK2_Amps_G_f32[0]	-220
CDD_MtrCurrK2_Amps_G_f32[1]	-220
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	-168.791 4E0.522007
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1] CDD_MtrCurrQax_Amp_G_f32[0]	-159.533997 -134.268005
CDD_MtrCurrQax_Amp_G_f32[1]	-123.785004
CDD PWMDutyCycleASum Cnt G u32[0]	222
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	368
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	3204
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	4348
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	182
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	184
CDD_PhaseAdvFinal_Cnt_G_u16[0]	3889
CDD_PhaseAdvFinal_Cnt_G_u16[1]	5287
CDD_RxMtrPos1ParityAccum_Cnt_G_u16[0]	3204
CDD_RxMtrPos1ParityAccum_Cnt_G_u16[1]	4348
CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[0]	2599
CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[1]	3413
CDD_SysCVSwitchADC_Cnt_G_u16[0] CDD_SysCVSwitchADC_Cnt_G_u16[1]	190 192
CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[0]	29491
CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[1] CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[1]	30147
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	29491
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	30147
PXAccumPrev_Cnt_M_u32[0]	4898
PXAccumPrev_Cnt_M_u32[1]	6966
PXAccumPrev_Cnt_M_u32[2]	55464
Rte_Inst_Sa_CDDInterface	tgt_Rte_Inst_Sa_CDDInterface
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	545942
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	545942
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	645963

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Name	Input Value		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr1_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr1_Volts	f32	
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 ADCMtrCurr2 Volts f32	tgt CDDInterface Per1 ADCMtrCurr2 Volts		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32	tgt_CDDInterface_Per1_CorrMtrCurrPosition	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p	tgt_CDDInterface_Per1_CorrectedElecMtrPo	os_Rev_u0p16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CumMechMtrPos_Rev_f32	tgt_CDDInterface_Per1_CumMechMtrPos_R	Rev_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxError_Cnt_u16	tgt_CDDInterface_Per1_Die1RxError_Cnt_u	16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_	target_CDDInterface_Per1_Die1UnderVoltgF		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxMtrPos_Cnt_u16	tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxRevCtr_Cnt_u16	tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxError_Cnt_u16	tgt_CDDInterface_Per1_Die2RxError_Cnt_u		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxMtrPos_Cnt_u16 tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxRevCtr_Cnt_u16	tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_ tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_	_	
tgt Rte Inst Sa CDDInterface.CDDInterface Perl ExpectedOnTimeA Cnt u32	tgt_CDDInterface_Per1_ExpectedOnTimeA_		
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 ExpectedOnTimeB Cnt u32	tgt_CDDInterface_Per1_ExpectedOnTimeB_	_	
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 ExpectedOnTimeC Cnt u32	tgt CDDInterface Per1 ExpectedOnTimeC		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_LRPRPhaseadvanceCaptured_	tgt_CDDInterface_Per1_LRPRPhaseadvance	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeA_	_Cnt_u32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeB_	_Cnt_u32	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32$	tgt_CDDInterface_Per1_MeasuredOnTimeC	_Cnt_u32	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MechMtrPos1TimeStamp_USerserserserserserserserserserserserserse$	tgt_CDDInterface_Per1_MechMtrPos1TimeS	Stamp_USec_u32	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MechMtrPos2TimeStamp_USerserserserserserserserserserserserserse$			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ModIdxFinal_Uls_f32	tgt_CDDInterface_Per1_ModIdxFinal_Uls_f3		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrDax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrDax_Amp_f3		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK1_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK2_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32	tgt_CDDInterface_Per1_MtrCurrQaxFinalRef tgt_CDDInterface_Per1_MtrCurrQax_Amp_f3		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQax_Amp_f32 tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCVSwitchADC_Cnt_u16	tgt_CDDInterface_Per1_SysCVSwitchADC_0		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCorrectedElecMtrPos_Rev_	tgt_CDDInterface_Per1_SysCorrectedElecM	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_UncorrMechMtrPos1_Rev_u0p	tgt_CDDInterface_Per1_UncorrMechMtrPos1		
Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	0	0	~
PXAccumPrev_Cnt_M_u32[0]	68242	68242	-
PXAccumPrev_Cnt_M_u32[1]	68242	68242	-
PXAccumPrev_Cnt_M_u32[2]	80745	80745	~
target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	3413	3413	~
tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value	2.01146603	2.01146603 ± 0.0625	✓
tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value	1.01146603	1.01146603 ± 0.0625	V
tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value	7714.95996	7714.95996 0.449996948	*
tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value	0.449996948 29491	29491	-
tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value	0.0519866943	0.0520019531 ± 0.0625	
tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value	5470	5470	
tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value	4722	4722	-
tgt CDDInterface Per1 Die1RxRevCtr Cnt u16.value	5096	5096	•
tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value	5283	5283	•
tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value	4535	4535	•
tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value	4909	4909	~
tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value	368	368	•
tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value	4348	4348	~
tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value	184	184	V
tgt_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value	495	495	V
tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value	63344	63344	V
tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value	61276	61276	*
tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value	25281 200	25281 200	
tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value	5283	5283	-
tgt_CDDInterface_Per1_ModIdxFinal_Uls_f32.value	0.231491089	0.231506348 ± 0.0625	
tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value	96.0390015	96.0390015	•
tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32.value	-24.7600002	-24.7600002	-
tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value	-220	-220	•
tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value		-159.533997	•
	-159.533997		-
tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value	-159.533997 -123.785004	-123.785004	_
tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u16.value		-123.785004 4348	~
tgt_CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u16.value tgt_CDDInterface_Per1_SysCVSwitchADC_Cnt_u16.value	-123.785004 4348 192	4348 192	
tgt_CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u16.value	-123.785004 4348	4348	



Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
CDDPorts_ClearPhsReasSum	1	CDDPorts_ClearPhsReasSum	1	~

Input Value	
CDD_CorrMtrCurrPosition_Rev_G_f32[0] 5503.16992 CDD_CorrMtrCurrPosition_Rev_G_f32[1] 7901.77979 CDD_CorrectedElecMtrPos_Rev_G_u0p16[0] 29491 CDD_CorrectedElecMtrPos_Rev_G_u0p16[1] 30146 CDD_CumMechMtrPos_Rev_G_s15p16[0] -3473 CDD_CumMechMtrPos_Rev_G_s15p16[1] -3538 CDD_Die1RxError_Cnt_G_u16[0] 100 CDD_Die1RxError_Cnt_G_u16[1] 150 CDD_Die1RxMtrPos_Cnt_G_u16[0] 3567 CDD_Die1RxMtrPos_Cnt_G_u16[1] 4909 CDD_Die1RxRevCtr_Cnt_G_u16[0] 3809 CDD_Die1RxRevCtr_Cnt_G_u16[1] 5283 CDD_Die2RxError_Cnt_G_u16[0] 3930 CDD_Die2RxError_Cnt_G_u16[1] 5470	
CDD_CorrMtrCurrPosition_Rev_G_f32[1] 7901.77979 CDD_CorrectedElecMtrPos_Rev_G_u0p16[0] 29491 CDD_CorrectedElecMtrPos_Rev_G_u0p16[1] 30146 CDD_CumMechMtrPos_Rev_G_s15p16[0] -3473 CDD_CumMechMtrPos_Rev_G_s15p16[1] -3538 CDD_Die1RxError_Cnt_G_u16[0] 100 CDD_Die1RxError_Cnt_G_u16[1] 150 CDD_Die1RxMtrPos_Cnt_G_u16[0] 3567 CDD_Die1RxMtrPos_Cnt_G_u16[1] 4909 CDD_Die1RxRevCtr_Cnt_G_u16[0] 3809 CDD_Die1RxRevCtr_Cnt_G_u16[1] 5283 CDD_Die2RxError_Cnt_G_u16[0] 3930 CDD_Die2RxError_Cnt_G_u16[1] 5470	
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0] 29491 CDD_CorrectedElecMtrPos_Rev_G_u0p16[1] 30146 CDD_CumMechMtrPos_Rev_G_s15p16[0] -3473 CDD_CumMechMtrPos_Rev_G_s15p16[1] -3538 CDD_Die1RxError_Cnt_G_u16[0] 100 CDD_Die1RxError_Cnt_G_u16[1] 150 CDD_Die1RxMtrPos_Cnt_G_u16[0] 3567 CDD_Die1RxMtrPos_Cnt_G_u16[1] 4909 CDD_Die1RxRevCtr_Cnt_G_u16[0] 3809 CDD_Die1RxRevCtr_Cnt_G_u16[1] 5283 CDD_Die2RxError_Cnt_G_u16[0] 3930 CDD_Die2RxError_Cnt_G_u16[1] 5470	
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1] 30146 CDD_CumMechMtrPos_Rev_G_s15p16[0] -3473 CDD_CumMechMtrPos_Rev_G_s15p16[1] -3538 CDD_Die1RxError_Cnt_G_u16[0] 100 CDD_Die1RxError_Cnt_G_u16[1] 150 CDD_Die1RxMtrPos_Cnt_G_u16[0] 3567 CDD_Die1RxMtrPos_Cnt_G_u16[1] 4909 CDD_Die1RxRevCtr_Cnt_G_u16[0] 3809 CDD_Die1RxRevCtr_Cnt_G_u16[1] 5283 CDD_Die2RxError_Cnt_G_u16[0] 3930 CDD_Die2RxError_Cnt_G_u16[1] 5470	
CDD_CumMechMtrPos_Rev_G_s15p16[0] -3473 CDD_CumMechMtrPos_Rev_G_s15p16[1] -3538 CDD_Die1RxError_Cnt_G_u16[0] 100 CDD_Die1RxError_Cnt_G_u16[1] 150 CDD_Die1RxMtrPos_Cnt_G_u16[0] 3567 CDD_Die1RxMtrPos_Cnt_G_u16[1] 4909 CDD_Die1RxRevCtr_Cnt_G_u16[0] 3809 CDD_Die1RxRevCtr_Cnt_G_u16[1] 5283 CDD_Die2RxError_Cnt_G_u16[0] 3930 CDD_Die2RxError_Cnt_G_u16[1] 5470	
CDD_CumMechMtrPos_Rev_G_s15p16[1] -3538 CDD_Die1RxError_Cnt_G_u16[0] 100 CDD_Die1RxError_Cnt_G_u16[1] 150 CDD_Die1RxMtrPos_Cnt_G_u16[0] 3567 CDD_Die1RxMtrPos_Cnt_G_u16[1] 4909 CDD_Die1RxRevCtr_Cnt_G_u16[0] 3809 CDD_Die1RxRevCtr_Cnt_G_u16[1] 5283 CDD_Die2RxError_Cnt_G_u16[0] 3930 CDD_Die2RxError_Cnt_G_u16[1] 5470	
CDD_Die1RxError_Cnt_G_u16[0] 100 CDD_Die1RxError_Cnt_G_u16[1] 150 CDD_Die1RxMtrPos_Cnt_G_u16[0] 3567 CDD_Die1RxMtrPos_Cnt_G_u16[1] 4909 CDD_Die1RxRevCtr_Cnt_G_u16[0] 3809 CDD_Die1RxRevCtr_Cnt_G_u16[1] 5283 CDD_Die2RxError_Cnt_G_u16[0] 3930 CDD_Die2RxError_Cnt_G_u16[1] 5470	
CDD_Die1RxError_Cnt_G_u16[1] 150 CDD_Die1RxMtrPos_Cnt_G_u16[0] 3567 CDD_Die1RxMtrPos_Cnt_G_u16[1] 4909 CDD_Die1RxRevCtr_Cnt_G_u16[0] 3809 CDD_Die1RxRevCtr_Cnt_G_u16[1] 5283 CDD_Die2RxError_Cnt_G_u16[0] 3930 CDD_Die2RxError_Cnt_G_u16[1] 5470	
CDD_Die1RxMtrPos_Cnt_G_u16[0] 3567 CDD_Die1RxMtrPos_Cnt_G_u16[1] 4909 CDD_Die1RxRevCtr_Cnt_G_u16[0] 3809 CDD_Die1RxRevCtr_Cnt_G_u16[1] 5283 CDD_Die2RxError_Cnt_G_u16[0] 3930 CDD_Die2RxError_Cnt_G_u16[1] 5470	
CDD_Die1RxMtrPos_Cnt_G_u16[1] 4909 CDD_Die1RxRevCtr_Cnt_G_u16[0] 3809 CDD_Die1RxRevCtr_Cnt_G_u16[1] 5283 CDD_Die2RxError_Cnt_G_u16[0] 3930 CDD_Die2RxError_Cnt_G_u16[1] 5470	
CDD_Die1RxRevCtr_Cnt_G_u16[0] 3809 CDD_Die1RxRevCtr_Cnt_G_u16[1] 5283 CDD_Die2RxError_Cnt_G_u16[0] 3930 CDD_Die2RxError_Cnt_G_u16[1] 5470	
CDD_Die1RxRevCtr_Cnt_G_u16[1] 5283 CDD_Die2RxError_Cnt_G_u16[0] 3930 CDD_Die2RxError_Cnt_G_u16[1] 5470	
CDD_Die2RxError_Cnt_G_u16[1] 5470	
CDD Die2RxMtrPos Cnt G u16(0) 3446	
<u>-</u>	
CDD_Die2RxMtrPos_Cnt_G_u16[1] 4722	
CDD_Die2RxRevCtr_Cnt_G_u16[0] 3688	
CDD_Die2RxRevCtr_Cnt_G_u16[1] 5096	
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0] 206	
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1] 256	
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0] 3930 CDD MechMtrPos2TimeStamp uSec G u32[1] 5470	
CDD_MechMtrPos2TimeStamp_uSec_G_u32[1] 5470 CDD_ModIdxFinal_UIs_G_u16p16[0] 24123	
CDD_ModIdxFinal_Uls_G_u16p16[1] 24130	
CDD MtrCurr1 Volts G f32[0] 1.01172078	
CDD_MtrCurr1_Volts_G_f32[1] 2.0117209	
CDD_MtrCurr2_Volts_G_f32[0] 1.01172078	
CDD_MtrCurr2_Volts_G_f32[1] 2.0117209	
CDD_MtrCurrDax_Amp_G_f32[0] 30.8600006	
CDD_MtrCurrDax_Amp_G_f32[1] 26.5900002	
CDD_MtrCurrK1_Amps_G_f32[0] 25.9799995	
CDD_MtrCurrK1_Amps_G_f32[1] 23.4699993	
CDD_MtrCurrK2_Amps_G_f32[0] 220	
CDD_MtrCurrK2_Amps_G_f32[1] 220	
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0] 192.830994	
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1] 203.834	
CDD_MtrCurrQax_Amp_G_f32[0] 147.304993 CDD MtrCurrQax Amp G f32[1] 158.048004	
CDD_MtrCurrQax_Amp_G_f32[1] 158.048004 CDD PWMDutyCycleASum Cnt G u32[0] 230	
CDD_PWMDutyCycleAsum_Cnt_G_u32[1] 424	
CDD_PWMDutyCycleBSum_Cnt_G_u32[0] 3325	
CDD_PWMDutyCycleBSum_Cnt_G_u32[1] 4535	
CDD_PWMDutyCycleCSum_Cnt_G_u32[0] 190	
CDD_PWMDutyCycleCSum_Cnt_G_u32[1] 192	
CDD_PhaseAdvFinal_Cnt_G_u16[0] 4530	
CDD_PhaseAdvFinal_Cnt_G_u16[1] 5471	
CDD_RxMtrPos1ParityAccum_Cnt_G_u16[0] 3325	
CDD_RxMtrPos1ParityAccum_Cnt_G_u16[1] 4535	
CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[0] 2720	
CDD_RxMtrPos1UnderVoltgFitAccum_Cnt_u16[1] 3600	
CDD_SysCVSwitchADC_Cnt_G_u16[0] 198	
CDD_SysCVSwitchADC_Cnt_G_u16[1] 200 CDD_SysCVSwitchADC_Cnt_G_u16[1] 20147	
CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[0] 30147 CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[1] 30801	
CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[1] 30801 CDD_UncorrMechMtrPos1_Rev_G_u0p16[0] 30147	
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1] 30801	
PXAccumPrev_Cnt_M_u32[0] 5019	
PXAccumPrev_Cnt_M_u32[1] 7153	
PXAccumPrev_Cnt_M_u32[2] 56689	
Rte_Inst_Sa_CDDInterface tgt_Rte_Inst_Sa_CDDInterface	
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word 145949	
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word 145949	
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word 145970	

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Name	Input Value		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr1_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr1_Volts	_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr2_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_	_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32	tgt_CDDInterface_Per1_CorrMtrCurrPosition_	_Rev_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CumMechMtrPos_Rev_f32	tgt_CDDInterface_Per1_CumMechMtrPos_R	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxError_Cnt_u16 tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_	tgt_CDDInterface_Per1_Die1RxError_Cnt_u1 target_CDDInterface_Per1_Die1UnderVoltgF		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxMtrPos_Cnt_u16	tgt CDDInterface Per1 Die1RxMtrPos Cnt		
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 Die1RxRevCtr Cnt u16	tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxError_Cnt_u16	tgt_CDDInterface_Per1_Die2RxError_Cnt_u1		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxMtrPos_Cnt_u16	tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_	u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxRevCtr_Cnt_u16	tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_	<u>u</u> 16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeA_	Cnt_u32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeB_	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeC_	-	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_LRPRPhaseadvanceCaptured_	tgt_CDDInterface_Per1_LRPRPhaseadvance		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32 tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeA_ tgt_CDDInterface_Per1_MeasuredOnTimeB	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeC_	-	
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 MechMtrPos1TimeStamp USe		_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MechMtrPos2TimeStamp_USe		'	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ModIdxFinal_Uls_f32	tgt_CDDInterface_Per1_ModIdxFinal_Uls_f33		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrDax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrDax_Amp_f3	32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK1_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32	2	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK2_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32	2	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32	tgt_CDDInterface_Per1_MtrCurrQaxFinalRef	_Amp_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrQax_Amp_f3		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCVSwitchADC_Cnt_u16	tgt_CDDInterface_Per1_SysCVSwitchADC_0	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCorrectedElecMtrPos_Rev_	tgt_CDDInterface_Per1_SysCorrectedElecMt		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_UncorrMechMtrPos1_Rev_u0p Name	tgt_CDDInterface_Per1_UncorrMechMtrPos1 Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	1	1	Result
PXAccumPrev Cnt M u32[0]	18243	18243	_
PXAccumPrev_Cnt_M_u32[1]	18243	18243	
PXAccumPrev_Cnt_M_u32[2]	18246	18246	~
PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	18246 2720	18246 2720	V
			· ·
target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	2720	2720	~
target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value	2720 1.01172078 1.01172078 5503.16992	2720 1.01172078 ± 0.0625 1.01172078 ± 0.0625 5503.16992	*
target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value	2720 1.01172078 1.01172078 5503.16992 0.449996948	2720 1.01172078 ± 0.0625 1.01172078 ± 0.0625 5503.16992 0.449996948	· · · · · · · · · · · · · · · · · · ·
target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value	2720 1.01172078 1.01172078 5503.16992 0.449996948 29491	2720 1.01172078 ± 0.0625 1.01172078 ± 0.0625 5503.16992 0.449996948 29491	*
target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CurmMechMtrPos_Rev_f32.value	2720 1.01172078 1.01172078 5503.16992 0.449996948 29491 -0.0529937744	2720 1.01172078 ± 0.0625 1.01172078 ± 0.0625 5503.16992 0.449996948 29491 -0.0529937744 ± 0.0625	· · · · · · · · · · · · · · · · · · ·
target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value	2720 1.01172078 1.01172078 5503.16992 0.449996948 29491 -0.0529937744	2720 1.01172078 ± 0.0625 1.01172078 ± 0.0625 5503.16992 0.449996948 29491 -0.0529937744 ± 0.0625 100	· · · · · · · · · · · · · · · · · · ·
target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value	2720 1.01172078 1.01172078 5503.16992 0.449996948 29491 -0.0529937744 100 3567	2720 1.01172078 ± 0.0625 1.01172078 ± 0.0625 5503.16992 0.449996948 29491 -0.0529937744 ± 0.0625	· · · · · · · · · · · · · · · · · · ·
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target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrettedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeStamp_Usec_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeStamp_Usec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_Usec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_Usec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_Usec_u32.value tgt_CDDInterface_Per1_MrCurrK1_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrAx_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrAx_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrAx_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrAx_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrAx_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrAx_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrAx_Amp_f32.value	2720 1.01172078 1.01172078 5503.16992 0.449996948 29491 -0.0529937744 100 3567 3809 3930 3446 3688 230 3325 190 424 13224 11090 536832469 206 3930 0.368087769 30.8600006 25.9799995 220 192.830994 147.304993 3325	2720 1.01172078 ± 0.0625 1.01172078 ± 0.0625 5503.16992 0.449996948 29491 -0.0529937744 ± 0.0625 100 3567 3809 3930 33446 3688 230 3325 190 424 11090 536832469 206 3930 0.368103027 ± 0.0625 30.8600006 25.9799995 220 192.830994 147.304993 3325	> > > > > > > > > > > > > > > > > > >
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target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrettedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeStamp_Usec_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeStamp_Usec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_Usec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_Usec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_Usec_u32.value tgt_CDDInterface_Per1_MrCurrK1_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrAx_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrAx_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrAx_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrAx_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrAx_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrAx_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrAx_Amp_f32.value	2720 1.01172078 1.01172078 5503.16992 0.449996948 29491 -0.0529937744 100 3567 3809 3930 3446 3688 230 3325 190 424 13224 11090 536832469 206 3930 0.368087769 30.8600006 25.9799995 220 192.830994 147.304993 3325	2720 1.01172078 ± 0.0625 1.01172078 ± 0.0625 5503.16992 0.449996948 29491 -0.0529937744 ± 0.0625 100 3567 3809 3930 33446 3688 230 3325 190 424 11090 536832469 206 3930 0.368103027 ± 0.0625 30.8600006 25.9799995 220 192.830994 147.304993 3325	



Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
CDDPorts_ClearPhsReasSum	1	CDDPorts_ClearPhsReasSum	1	~

Test Step 2.48 (Repeat Count = 1)	
Name	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16	1
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	5624.16992
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	8088.27979
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	30146
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	30802
CDD_CumMechMtrPos_Rev_G_s15p16[0]	3604
CDD_CumMechMtrPos_Rev_G_s15p16[1]	3670
CDD_Die1RxError_Cnt_G_u16[0]	126
CDD_Die1RxError_Cnt_G_u16[1] CDD_Die1RxMtrPos_Cnt_G_u16[0]	156 3688
CDD_Die1RxMtrPos_Cnt_G_u16[1]	5096
CDD_Die1RxRevCtr_Cnt_G_u16[0]	3930
CDD_Die1RxRevCtr_Cnt_G_u16[1]	5470
CDD_Die2RxError_Cnt_G_u16[0]	100
CDD_Die2RxError_Cnt_G_u16[1]	150
CDD_Die2RxMtrPos_Cnt_G_u16[0]	3567
CDD_Die2RxMtrPos_Cnt_G_u16[1]	4909
CDD_Die2RxRevCtr_Cnt_G_u16[0]	3809
CDD_Die2RxRevCtr_Cnt_G_u16[1]	5283
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	5866
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	8462
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0]	100
CDD_MechMtrPos2TimeStamp_uSec_G_u32[1]	150
CDD_ModldxFinal_Uls_G_u16p16[0]	32073
CDD_ModldxFinal_Uls_G_u16p16[1]	32079
CDD_MtrCurr1_Volts_G_f32[0]	2.01197553
CDD_MtrCurr1_Volts_G_f32[1]	1.01197565
CDD_MtrCurr2_Volts_G_f32[0]	2.01197553
CDD_MtrCurr2_Volts_G_f32[1]	1.01197565
CDD_MtrCurrDax_Amp_G_f32[0]	72.3700027
CDD_MtrCurrDax_Amp_G_f32[1]	88.3199997
CDD_MtrCurrK1_Amps_G_f32[0] CDD_MtrCurrK1_Amps_G_f32[1]	27.2000008 24.25
CDD_MtrCurrK2_Amps_G_f32[0]	0
CDD_MtrCurrK2_Amps_G_f32[1]	0
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	141.156998
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	151.380005
CDD_MtrCurrQax_Amp_G_f32[0]	-181.828003
CDD MtrCurrQax Amp G f32[1]	-170.824997
CDD_PWMDutyCycleASum_Cnt_G_u32[0]	238
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	480
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	3446
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	4722
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	198
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	200
CDD_PhaseAdvFinal_Cnt_G_u16[0]	222
CDD_PhaseAdvFinal_Cnt_G_u16[1]	368
CDD_RxMtrPos1ParityAccum_Cnt_G_u16[0]	3446
CDD_RxMtrPos1ParityAccum_Cnt_G_u16[1]	4722
CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[0]	2841
CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[1]	3787
CDD_SysCVSwitchADC_Cnt_G_u16[0] CDD_SysCVSwitchADC_Cnt_G_u16[1]	206
CDD_SysCVSwitchADC_Cnt_G_u16[1] CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[0]	256
CDD_sysCorrectedElecMtrPos_Rev_G_u0p16[0] CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[1]	31457
CDD_uncorrMechMtrPos1_Rev_G_u0p16[i]	0
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	31457
PXAccumPrev_Cnt_M_u32[0]	5140
PXAccumPrev_Cnt_M_u32[1]	7340
PXAccumPrev_Cnt_M_u32[2]	57914
Rte_Inst_Sa_CDDInterface	tgt_Rte_Inst_Sa_CDDInterface
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	145956
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	145956
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	145977

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CDDInterface_Per1



Name	Input Value		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr1_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr1_Volts	_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr2_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr2_Volts	_f32	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32$	tgt_CDDInterface_Per1_CorrMtrCurrPosition	_Rev_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPosFloat_Re			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CumMechMtrPos_Rev_f32	tgt_CDDInterface_Per1_CumMechMtrPos_R	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxError_Cnt_u16 tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_	tgt_CDDInterface_Per1_Die1RxError_Cnt_u- target_CDDInterface_Per1_Die1UnderVoltgF		
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 Die1RxMtrPos Cnt u16	tgt CDDInterface Per1 Die1RxMtrPos Cnt		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxRevCtr_Cnt_u16	tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxError_Cnt_u16	tgt_CDDInterface_Per1_Die2RxError_Cnt_u	16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxMtrPos_Cnt_u16	tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_	u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxRevCtr_Cnt_u16	tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_	<u>u</u> 16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeA_	Cnt_u32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeB_	-	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeC_	-	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_LRPRPhaseadvanceCaptured_ tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32	tgt_CDDInterface_Per1_LRPRPhaseadvance tgt_CDDInterface_Per1_MeasuredOnTimeA_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeB_	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeC		
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 MechMtrPos1TimeStamp USe			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MechMtrPos2TimeStamp_USe			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ModIdxFinal_Uls_f32	tgt_CDDInterface_Per1_ModIdxFinal_Uls_f3	2	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrDax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrDax_Amp_f3	32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK1_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32	2	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK2_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32	tgt_CDDInterface_Per1_MtrCurrQaxFinalRef		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrQax_Amp_f3		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_ut			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCVSwitchADC_Cnt_u16 tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCorrectedElecMtrPos_Rev	tgt_CDDInterface_Per1_SysCVSwitchADC_0 tgt_CDDInterface_Per1_SysCorrectedElecM	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_UncorrMechMtrPos1_Rev_u0p			
Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	0	0	~
PXAccumPrev_Cnt_M_u32[0]	18244	18244	~
PXAccumPrev_Cnt_M_u32[1]	18244	18244	~
PXAccumPrev_Cnt_M_u32[2]	18247	18247	~
target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	3787	3787	~
tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value	1.01197565	1.01197565 ± 0.0625	~
tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value	1.01197565	1.01197565 ± 0.0625	•
tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value	8088.27979 0.470001221	8088.27979 0.470001221	~
tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value	30802	30802	· ·
tqt CDDInterface Per1 CumMechMtrPos Rev f32.value	0.0559997559	0.0559997559 ± 0.0625	
tgt CDDInterface Per1 Die1RxError Cnt u16.value	156	156	~
tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value	5096		
tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value	3030	5096	✓
tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value	5470	5096 5470	✓
tgt_CDDIfftefface_Feff_Die2ftkEffof_Cff_uffo.value			· ·
tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value	5470	5470	\(\frac{1}{2}\)
tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value	5470 150 4909 5283	5470 150 4909 5283	· · ·
tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value	5470 150 4909 5283 480	5470 150 4909 5283 480	***
tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value	5470 150 4909 5283 480 4722	5470 150 4909 5283 480 4722	· · · · · · · · · · · · · · · · · · ·
tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value	5470 150 4909 5283 480 4722 200	5470 150 4909 5283 480 4722 200	· · · · · · · · · · · · · · · · · · ·
tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value	5470 150 4909 5283 480 4722 200 34	5470 150 4909 5283 480 4722 200 34	· · · · · · · · · · · · · · · · · · ·
tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value	5470 150 4909 5283 480 4722 200 34 13104	5470 150 4909 5283 480 4722 200 34	· · · · · · · · · · · · · · · · · · ·
tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value	5470 150 4909 5283 480 4722 200 34	5470 150 4909 5283 480 4722 200 34	***************************************
tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value	5470 150 4909 5283 480 4722 200 34 13104	5470 150 4909 5283 480 4722 200 34 13104 10904	***************************************
tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value	5470 150 4909 5283 480 4722 200 34 13104 10904 536831245	5470 150 4909 5283 480 4722 200 34 13104 10904 536831245	· · · · · · · · · · · · · · · · · · ·
tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value	5470 150 4909 5283 480 4722 200 34 13104 10904 536831245 8462	5470 150 4909 5283 480 4722 200 34 13104 10904 536831245 8462	***************************************
tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value	5470 150 4909 5283 480 4722 200 34 13104 10904 536831245 8462 150	5470 150 4909 5283 480 4722 200 34 13104 10904 536831245 8462 150	***************************************
tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_ModIdxFinal_UIs_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32.value	5470 150 4909 5283 480 4722 200 34 13104 10904 536831245 8462 150 0.489486694 88.3199997 24.25	5470 150 4909 5283 480 4722 200 34 13104 10904 536831245 8462 150 0.489501953 ± 0.0625 88.3199997 24.25	***************************************
tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_ModIdxFinal_UIs_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value	5470 150 4909 5283 480 4722 200 34 13104 10904 536831245 8462 150 0.489486694 88.3199997 24.25 0	5470 150 4909 5283 480 4722 200 34 13104 10904 536831245 8462 150 0.489501953 ± 0.0625 88.3199997 24.25 0	***************************************
tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_ModIdxFinal_UIs_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value	5470 150 4909 5283 480 4722 200 34 13104 10904 536831245 8462 150 0.489486694 88.319997 24.25 0 151.380005	5470 150 4909 5283 480 4722 200 34 13104 10904 536831245 8462 150 0.489501953 ± 0.0625 88.3199997 24.25 0 151.380005	***************************************
tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_ModIdxFinal_UIs_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrR2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value	5470 150 4909 5283 480 4722 200 34 13104 10904 536831245 8462 150 0.489486694 88.319997 24.25 0 151.380005 -170.824997	5470 150 4909 5283 480 4722 200 34 13104 10904 536831245 8462 150 0.489501953 ± 0.0625 88.3199997 24.25 0 151.380005 -170.824997	***************************************
tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_McdldxFinal_UIs_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value	5470 150 4909 5283 480 4722 200 34 13104 10904 536831245 8462 150 0.489486694 88.319997 24.25 0 151.380005 -170.824997	5470 150 4909 5283 480 4722 200 34 13104 10904 536831245 8462 150 0.489501953 ± 0.0625 88.3199997 24.25 0 151.380005 -170.824997 4722	***************************************
tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrR2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrR2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_FinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_FinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u16.value tgt_CDDInterface_Per1_SysCVSwitchADC_Cnt_u16.value	5470 150 4909 5283 480 4722 200 34 13104 10904 536831245 8462 150 0.489486694 88.3199997 24.25 0 151.380005 -170.824997 4722 256	5470 150 4909 5283 480 4722 200 34 13104 10904 536831245 8462 150 0.489501953 ± 0.0625 88.3199997 24.25 0 151.380005 -170.824997 4722 256	***************************************
tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_McdldxFinal_UIs_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value	5470 150 4909 5283 480 4722 200 34 13104 10904 536831245 8462 150 0.489486694 88.319997 24.25 0 151.380005 -170.824997	5470 150 4909 5283 480 4722 200 34 13104 10904 536831245 8462 150 0.489501953 ± 0.0625 88.3199997 24.25 0 151.380005 -170.824997 4722	***************************************

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Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
CDDPorts_ClearPhsReasSum	1	CDDPorts_ClearPhsReasSum	1	~

Test Step 2.49 (Repeat Count = 1)	→
Name	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16	1
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	5745.14014
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	8275.25
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	0
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	31457
CDD_CumMechMtrPos_Rev_G_s15p16[0]	-3735
CDD_CumMechMtrPos_Rev_G_s15p16[1]	-3801
CDD_Die1RxError_Cnt_G_u16[0]	2357
CDD_Die1RxError_Cnt_G_u16[1]	3039
CDD_Die1RxMtrPos_Cnt_G_u16[0]	3809
CDD_Die1RxMtrPos_Cnt_G_u16[1]	5283
CDD_Die1RxRevCtr_Cnt_G_u16[0]	100
CDD_Die1RxRevCtr_Cnt_G_u16[1]	150
CDD_Die2RxError_Cnt_G_u16[0]	126
CDD_Die2RxError_Cnt_G_u16[1]	156 3688
CDD_Die2RxMtrPos_Cnt_G_u16[0] CDD_Die2RxMtrPos_Cnt_G_u16[1]	5096
CDD Die2RxRevCtr Cnt G u16[0]	3930
CDD_Die2RxRevCtr_Cnt_G_u16[1]	5470
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	5987
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	8649
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0]	126
CDD_MechMtrPos2TimeStamp_uSec_G_u32[1]	156
CDD_ModIdxFinal_Uls_G_u16p16[0]	16108
CDD_ModIdxFinal_Uls_G_u16p16[1]	16115
CDD MtrCurr1 Volts G f32[0]	4.0122304
CDD_MtrCurr1_Volts_G_f32[1]	1.0122304
CDD_MtrCurr2_Volts_G_f32[0]	4.0122304
CDD_MtrCurr2_Volts_G_f32[1]	2.0122304
CDD_MtrCurrDax_Amp_G_f32[0]	-35.7999992
CDD_MtrCurrDax_Amp_G_f32[1]	30.6900005
CDD_MtrCurrK1_Amps_G_f32[0]	28.4200001
CDD_MtrCurrK1_Amps_G_f32[1]	25.0300007
CDD_MtrCurrK2_Amps_G_f32[0]	13.7799997
CDD_MtrCurrK2_Amps_G_f32[1]	15.6700001
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	100.264999
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	110.487999
CDD_MtrCurrQax_Amp_G_f32[0]	194.345001
CDD_MtrCurrQax_Amp_G_f32[1]	205.608002
CDD_PWMDutyCycleASum_Cnt_G_u32[0]	246
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	536
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	3567
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	4909
CDD_PWMDutyCycleCSum_Cnt_G_u32[0] CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	266
CDD_PwmDutyCycleCsum_Cnt_G_u3z[1] CDD_PhaseAdvFinal_Cnt_G_u16[0]	256 230
CDD_PhaseAdvFinal_Cnt_G_u16[1] CDD_PhaseAdvFinal_Cnt_G_u16[1]	424
CDD RxMtrPos1ParityAccum Cnt G u16[0]	3567
CDD RxMtrPos1ParityAccum Cnt G u16[1]	4909
CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[0]	2841
CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[1]	3787
CDD SysCVSwitchADC Cnt G u16[0]	5866
CDD_SysCVSwitchADC_Cnt_G_u16[1]	8462
CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[0]	31457
CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[1]	32113
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	31457
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	32113
PXAccumPrev_Cnt_M_u32[0]	5261
PXAccumPrev_Cnt_M_u32[1]	7527
PXAccumPrev_Cnt_M_u32[2]	59139
Rte_Inst_Sa_CDDInterface	tgt_Rte_Inst_Sa_CDDInterface
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	645963
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	645963
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	845984

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Name	Input Value		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr1_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_	_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr2_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_	_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32	tgt_CDDInterface_Per1_CorrMtrCurrPosition_	_Rev_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev	tgt_CDDInterface_Per1_CorrectedElecMtrPo	sFloat_Rev_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p	tgt CDDInterface Per1 CorrectedElecMtrPo	s Rev u0p16	
tqt Rte Inst Sa CDDInterface.CDDInterface Per1 CumMechMtrPos Rev f32	tgt CDDInterface Per1 CumMechMtrPos R		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxError_Cnt_u16	tgt_CDDInterface_Per1_Die1RxError_Cnt_u1	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_	target_CDDInterface_Per1_Die1UnderVoltgF		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxMtrPos_Cnt_u16	tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxRevCtr_Cnt_u16	tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxError_Cnt_u16	tgt_CDDInterface_Per1_Die2RxError_Cnt_u1	16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxMtrPos_Cnt_u16	tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_	_u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxRevCtr_Cnt_u16	tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_	<u>u</u> 16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeA_	Cnt_u32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeB_	Cnt_u32	
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 ExpectedOnTimeC Cnt u32	tgt CDDInterface Per1 ExpectedOnTimeC	Cnt u32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_LRPRPhaseadvanceCaptured_	tgt_CDDInterface_Per1_LRPRPhaseadvance	eCaptured Cnt s16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeA_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeB_	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeC_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MechMtrPos1TimeStamp_USe		·	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MechMtrPos2TimeStamp_USe			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ModldxFinal_Uls_f32	tgt_CDDInterface_Per1_ModIdxFinal_Uls_f32	2	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrDax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrDax_Amp_f3	32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK1_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32	2	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK2_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32	2	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32	tgt_CDDInterface_Per1_MtrCurrQaxFinalRef		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrQax_Amp_f3		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCVSwitchADC_Cnt_u16	tgt_CDDInterface_Per1_SysCVSwitchADC_C	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCorrectedElecMtrPos_Rev_	tgt_CDDInterface_Per1_SysCorrectedElecMt		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_UncorrMechMtrPos1_Rev_u0p	tgt_CDDInterface_Per1_UncorrMechMtrPos1	_Rev_u0p16	
Name	Actual Value	Expected Value	Result
		-Apootou ruius	
CDD_CDDDataAccessBfr_Cnt_G_u16	0	0	✓
CDD_CDDDataAccessBfr_Cnt_G_u16		•	*
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0]	80745	0 80745	~
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1]	80745 80745	0 80745 80745	\ \ \ \
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2]	80745 80745 105748	0 80745 80745 105748	*
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	80745 80745 105748 3787	0 80745 80745 105748 3787	* * * * *
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value	80745 80745 105748 3787 1.0122304	0 80745 80745 105748 3787 1.0122304 ± 0.0625	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value	80745 80745 105748 3787 1.0122304 2.0122304	0 80745 80745 105748 3787 1.0122304 ± 0.0625 2.0122304 ± 0.0625	· · · · · · · · · · · · · · · · · · ·
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value	80745 80745 105748 3787 1.0122304 2.0122304 8275.25	0 80745 80745 105748 3787 1.0122304 ± 0.0625 2.0122304 ± 0.0625 8275.25	· · · · · · · · · · · · · · · · · · ·
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value	80745 80745 105748 3787 1.0122304 2.0122304	0 80745 80745 105748 3787 1.0122304 ± 0.0625 2.0122304 ± 0.0625	***************************************
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value	80745 80745 105748 3787 1.0122304 2.0122304 8275.25	0 80745 80745 105748 3787 1.0122304 ± 0.0625 2.0122304 ± 0.0625 8275.25	· · · · · · · · · · · · · · · · · · ·
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value	80745 80745 105748 3787 1.0122304 2.0122304 8275.25 0.479995728	0 80745 80745 105748 3787 1.0122304 ± 0.0625 2.0122304 ± 0.0625 8275.25 0.479995728	***************************************
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value	80745 80745 105748 3787 1.0122304 2.0122304 8275.25 0.479995728 31457	0 80745 80745 105748 3787 1.0122304 ± 0.0625 2.0122304 ± 0.0625 8275.25 0.479995728 31457	· · · · · · · · · · · · · · · · · · ·
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value	80745 80745 105748 3787 1.0122304 2.0122304 8275.25 0.479995728 31457 -0.0579986572	0 80745 80745 105748 3787 1.0122304 ± 0.0625 2.0122304 ± 0.0625 8275.25 0.479995728 31457 -0.0579986572 ± 0.0625	· · · · · · · · · · · · · · · · · · ·
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value	80745 80745 105748 3787 1.0122304 2.0122304 8275.25 0.479995728 31457 -0.0579986572 3039 5283	0 80745 80745 105748 3787 1.0122304 ± 0.0625 2.0122304 ± 0.0625 8275.25 0.479995728 31457 -0.0579986572 ± 0.0625 3039 5283	· · · · · · · · · · · · · · · · · · ·
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value	80745 80745 105748 3787 1.0122304 2.0122304 8275.25 0.479995728 31457 -0.0579986572 3039 5283 150	0 80745 80745 105748 3787 1.0122304 ± 0.0625 2.0122304 ± 0.0625 8275.25 0.479995728 31457 -0.0579986572 ± 0.0625 3039 5283 150	· · · · · · · · · · · · · · · · · · ·
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value	80745 80745 105748 3787 1.0122304 2.0122304 8275.25 0.479995728 31457 -0.0579986572 3039 5283 150 156	0 80745 80745 105748 3787 1.0122304 ± 0.0625 2.0122304 ± 0.0625 8275.25 0.479995728 31457 -0.0579986572 ± 0.0625 3039 5283 150 156	· · · · · · · · · · · · · · · · · · ·
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value	80745 80745 105748 3787 1.0122304 2.0122304 8275.25 0.479995728 31457 -0.0579986572 3039 5283 150 156 5096	0 80745 80745 105748 3787 1.0122304 ± 0.0625 2.0122304 ± 0.0625 8275.25 0.479995728 31457 -0.0579986572 ± 0.0625 3039 5283 150 156 5096	· · · · · · · · · · · · · · · · · · ·
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value	80745 80745 105748 3787 1.0122304 2.0122304 8275.25 0.479995728 31457 -0.0579986572 3039 5283 150 156 5096 5470	0 80745 80745 105748 3787 1.0122304 ± 0.0625 2.0122304 ± 0.0625 8275.25 0.479995728 31457 -0.0579986572 ± 0.0625 3039 5283 150 156 5096 5470	· · · · · · · · · · · · · · · · · · ·
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CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MrcCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MrcCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value	80745 80745 105748 3787 1.0122304 2.0122304 8275.25 0.479995728 31457 -0.0579986572 3039 5283 150 156 5096 5470 536 4909 256 39 75484 73218 46609 8649 156 0.245895386 30.690005 25.030007 15.6700001 110.487999 205.608002	0 80745 80745 80745 105748 3787 1.0122304 ± 0.0625 2.0122304 ± 0.0625 8275.25 0.479995728 31457 -0.0579986572 ± 0.0625 3039 5283 150 156 5096 5470 536 4909 256 39 75484 73218 46609 8649 156 0.245895386 ± 0.0625 30.6900005 25.0300007 15.6700001 110.487999 205.608002	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
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CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeS_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeS_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_FinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_FinalRef_Amp_f32.value	80745 80745 105748 3787 1.0122304 2.0122304 8275.25 0.479995728 31457 -0.0579986572 3039 55283 150 156 5096 5470 536 4909 256 39 75484 73218 46609 8649 156 0.245895386 30.690005 25.030007 15.6700001 110.487999 205.608002 4909	0 80745 80745 80745 105748 3787 1.0122304 ± 0.0625 2.0122304 ± 0.0625 8275.25 0.479995728 31457 -0.0579986572 ± 0.0625 3039 5283 150 156 5096 5470 536 4909 256 39 75484 73218 46609 8649 156 0.245895386 ± 0.0625 30.690005 25.030007 15.6700001 110.487999 205.608002 4909 8462	· · · · · · · · · · · · · · · · · · ·



Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
CDDPorts_ClearPhsReasSum	1	CDDPorts_ClearPhsReasSum	1	~

Test Step 2.50 (Repeat Count = 1)	
Name	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16	0
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	5628.27979
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	8097.25
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	31457
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	32112
CDD_CumMechMtrPos_Rev_G_s15p16[0]	3866
CDD_CumMechMtrPos_Rev_G_s15p16[1]	3932
CDD_Die1RxError_Cnt_G_u16[0]	142
CDD_Die1RxError_Cnt_G_u16[1]	158
CDD_Die1RxMtrPos_Cnt_G_u16[0]	3930
CDD_Die1RxMtrPos_Cnt_G_u16[1]	5470
CDD_Die1RxRevCtr_Cnt_G_u16[0]	126
CDD_Die1RxRevCtr_Cnt_G_u16[1]	156
CDD_Die2RxError_Cnt_G_u16[0]	2357
CDD_Die2RxError_Cnt_G_u16[1]	3039
CDD_Die2RxMtrPos_Cnt_G_u16[0]	3809
CDD_Die2RxMtrPos_Cnt_G_u16[1]	5283
CDD_Die2RxRevCtr_Cnt_G_u16[0]	100
CDD_Die2RxRevCtr_Cnt_G_u16[1]	150
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	6108
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	8836
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0]	2357
CDD_MechMtrPos2TimeStamp_uSec_G_u32[1]	3039
CDD_ModIdxFinal_Uls_G_u16p16[0]	27020
CDD_ModIdxFinal_Uls_G_u16p16[1]	27027
CDD_MtrCurr1_Volts_G_f32[0]	0.0124851996
CDD_MtrCurr1_Volts_G_f32[1]	2.01248527
CDD_MtrCurr2_Volts_G_f32[0]	0.0124851996
CDD_MtrCurr2_Volts_G_f32[1]	1.01248515
CDD_MtrCurrDax_Amp_G_f32[0]	-78.0100021
CDD_MtrCurrDax_Amp_G_f32[1]	67.4800034
CDD_MtrCurrK1_Amps_G_f32[0]	75.8399963
CDD_MtrCurrK1_Amps_G_f32[1]	98.7699966
CDD_MtrCurrK2_Amps_G_f32[0]	-15
CDD_MtrCurrK2_Amps_G_f32[1]	-16.4500008
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	-134.268005
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	-123.785004
CDD_MtrCurrQax_Amp_G_f32[0]	120.710999
CDD_MtrCurrQax_Amp_G_f32[1]	130.934006
CDD_PWMDutyCycleASum_Cnt_G_u32[0]	254
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	592
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	3688
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	5096
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	5866
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	8462
CDD_PhaseAdvFinal_Cnt_G_u16[0]	238
CDD_PhaseAdvFinal_Cnt_G_u16[1]	480
CDD_RxMtrPos1ParityAccum_Cnt_G_u16[0]	3688
CDD_RxMtrPos1ParityAccum_Cnt_G_u16[1]	5096
CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[0]	190
CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[1]	192
CDD_SysCVSwitchADC_Cnt_G_u16[0]	5987
CDD_SysCVSwitchADC_Cnt_G_u16[1]	8649
CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[0]	32113
CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[1]	32768
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	32113
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	32768
PXAccumPrev_Cnt_M_u32[0]	5382
PXAccumPrev_Cnt_M_u32[1]	7714
PXAccumPrev_Cnt_M_u32[2]	60364
Rte_Inst_Sa_CDDInterface	tgt_Rte_Inst_Sa_CDDInterface
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	145970
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	145970
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	145991

TEST DETAILS REPORT 2015-02-18, 15:41:12+0530 Razorcat CDDInterface_Per1

Name	Input Value		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr1_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr1_Volts	_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr2_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr2_Volts		
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32$	tgt_CDDInterface_Per1_CorrMtrCurrPosition	_Rev_f32	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPosFloat_Revenue and the property of the prop$	tgt_CDDInterface_Per1_CorrectedElecMtrPo	sFloat_Rev_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p	tgt_CDDInterface_Per1_CorrectedElecMtrPo	s_Rev_u0p16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CumMechMtrPos_Rev_f32	tgt_CDDInterface_Per1_CumMechMtrPos_R	tev_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxError_Cnt_u16	tgt_CDDInterface_Per1_Die1RxError_Cnt_u		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_	target_CDDInterface_Per1_Die1UnderVoltgF		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxMtrPos_Cnt_u16	tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxRevCtr_Cnt_u16	tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxError_Cnt_u16	tgt_CDDInterface_Per1_Die2RxError_Cnt_u		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxMtrPos_Cnt_u16	tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_	-	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxRevCtr_Cnt_u16 tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32	tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_ tgt_CDDInterface_Per1_ExpectedOnTimeA		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeB_	-	
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 ExpectedOnTimeC Cnt u32	tgt CDDInterface Per1 ExpectedOnTimeC		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_LRPRPhaseadvanceCaptured_	tgt_CDDInterface_Per1_LRPRPhaseadvance		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeA_		
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 MeasuredOnTimeB Cnt u32	tgt CDDInterface Per1 MeasuredOnTimeB		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeC	-	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MechMtrPos1TimeStamp_USer	tgt_CDDInterface_Per1_MechMtrPos1TimeS		
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MechMtrPos2TimeStamp_USerset = 0.0000000000000000000000000000000000$	tgt_CDDInterface_Per1_MechMtrPos2TimeS	Stamp_USec_u32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ModIdxFinal_Uls_f32	tgt_CDDInterface_Per1_ModIdxFinal_Uls_f3.	2	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrDax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrDax_Amp_f3	32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK1_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK2_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32	2	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32	tgt_CDDInterface_Per1_MtrCurrQaxFinalRef	f_Amp_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrQax_Amp_f3		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u	tgt_CDDInterface_Per1_RxMtrPos1ParityAcc		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCVSwitchADC_Cnt_u16	tgt_CDDInterface_Per1_SysCVSwitchADC_0	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCorrectedElecMtrPos_Rev_	tgt_CDDInterface_Per1_SysCorrectedElecM		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_UncorrMechMtrPos1_Rev_u0p	tgt_CDDInterface_Per1_UncorrMechMtrPos1		
Name	Actual Value		
		Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	1	1	~
PXAccumPrev_Cnt_M_u32[0]	1 18246	1 18246	~
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1]	1 18246 18246	1 18246 18246	~
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2]	1 18246 18246 18248	1 18246 18246 18248	
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	1 18246 18246 18248 190	1 18246 18246 18248 190	, , , , , , , , , , , , , , , , , , ,
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value	1 18246 18246 18248 190 0.0124851996	1 18246 18246 18248 190 0.0124851996 ± 0.0625	
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value	1 18246 18246 18248 190	1 18246 18246 18248 190 0.0124851996 ± 0.0625 0.0124851996 ± 0.0625	
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value	1 18246 18246 18248 190 0.0124851996 0.0124851996 5628.27979	1 18246 18246 18248 190 0.0124851996 ± 0.0625 0.0124851996 ± 0.0625 5628.27979	
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value	1 18246 18246 18248 190 0.0124851996 0.0124851996 5628.27979 0.479995728	1 18246 18246 18248 190 0.0124851996 ± 0.0625 0.0124851996 ± 0.0625	
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value	1 18246 18246 18248 190 0.0124851996 0.0124851996 5628.27979	1 18246 18246 18248 190 0.0124851996 ± 0.0625 0.0124851996 ± 0.0625 5628.27979 0.479995728	
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value	1 18246 18246 18248 190 0.0124851996 0.0124851996 5628.27979 0.479995728 31457	1 18246 18246 18248 190 0.0124851996 ± 0.0625 0.0124851996 ± 0.0625 5628.27979 0.479995728 31457	~
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CurmMechMtrPos_Rev_f32.value	1 18246 18246 18248 190 0.0124851996 0.0124851996 5628.27979 0.479995728 31457 0.0589904785	1 18246 18246 18248 190 0.0124851996 ± 0.0625 0.0124851996 ± 0.0625 5628.27979 0.479995728 31457 0.0590057373 ± 0.0625	
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value	1 18246 18246 18248 190 0.0124851996 0.0124851996 5628.27979 0.479995728 31457 0.0589904785	1 18246 18246 18248 190 0.0124851996 ± 0.0625 0.0124851996 ± 0.0625 5628.27979 0.479995728 31457 0.0590057373 ± 0.0625 142	
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value	1 18246 18246 18248 190 0.0124851996 0.0124851996 5628.27979 0.479995728 31457 0.0589904785 142	1 18246 18246 18248 190 0.0124851996 ± 0.0625 0.0124851996 ± 0.0625 5628.27979 0.479995728 31457 0.0590057373 ± 0.0625 142 3930	
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PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MrCurrK1_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrAx_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrAx_FinalRef_Amp_f32.value	1 18246 18246 18248 190 0.0124851996 0.0124851996 5628.27979 0.479995728 31457 0.0589904785 142 3930 126 2357 3809 100 254 3688 5866 22 12864 10532 536828796 6108 2357 0.41229248 -78.0100021 75.8399963	1 18246 18246 18248 190 0.0124851996 ± 0.0625 0.0124851996 ± 0.0625 5628.27979 0.479995728 31457 0.0590057373 ± 0.0625 142 3930 126 2357 3809 100 254 3688 5866 22 12864 10532 536828796 6108 2357 0.41229248 ± 0.0625 -78.0100021 75.8399963 -15 -134.268005	
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_McCurrK1_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value	1 18246 18246 18248 190 0.0124851996 0.0124851996 5628.27979 0.479995728 31457 0.0589904785 142 3930 126 2357 3809 100 254 3688 5866 22 12864 10532 536828796 6108 2357 0.41229248 -78.0100021 75.8399963 -15 -134.268005	1 18246 18246 18248 190 0.0124851996 ± 0.0625 0.0124851996 ± 0.0625 5628.27979 0.479995728 31457 0.0590057373 ± 0.0625 142 3930 126 2357 3809 100 254 3688 5866 22 12864 10532 536828796 6108 2357 0.41229248 ± 0.0625 -78.0100021 75.8399963 -15	
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MrCurrX1_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrAx_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrAx_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrAx_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrAx_Amp_f32.value	1 18246 18248 190 0.0124851996 0.0124851996 5628.27979 0.479995728 31457 0.0589904785 142 3930 126 2357 3809 100 254 3688 5866 22 12864 10532 536828796 6108 2357 0.41229248 -78.0100021 75.8399963 -15 -134.268005 120.710999	1 18246 18248 190 0.0124851996 ± 0.0625 0.0124851996 ± 0.0625 5628.27979 0.479995728 31457 0.0590057373 ± 0.0625 142 3930 126 2357 3809 100 254 3688 5866 22 12864 10532 536828796 6108 2357 0.41229248 ± 0.0625 -76.0100021 75.8399963 -15 -134.268005 120.710999	
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CurmMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MrcCurrAx_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrAx_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrAx_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrAx_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrAx_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrAx_Amp_f32.value	1 18246 18248 190 0.0124851996 0.0124851996 5628.27979 0.479995728 31457 0.0589904785 142 3930 126 2357 3809 100 254 3688 5866 22 12864 10532 536828796 6108 2357 0.41229248 -78.0100021 75.8399963 -15 -134.268005 120.710999 3688	1 18246 18246 18248 190 0.0124851996 ± 0.0625 0.0124851996 ± 0.0625 5628.27979 0.479995728 31457 0.0590057373 ± 0.0625 142 3930 126 2357 3809 100 254 3688 5866 22 12864 10532 536828796 6108 2357 0.41229248 ± 0.0625 -78.0100021 75.8399963 -15 -134.268005 120.710999 3688	



Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
CDDPorts_ClearPhsReasSum	1	CDDPorts_ClearPhsReasSum	1	~

Test Step 2.51 (Repeat Count = 1)	
Name	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16	1
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	2599.28003
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	3413.25
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	32112
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	32768
CDD_CumMechMtrPos_Rev_G_s15p16[0]	3997
CDD_CumMechMtrPos_Rev_G_s15p16[1]	4063
CDD_Die1RxError_Cnt_G_u16[0] CDD_Die1RxError_Cnt_G_u16[1]	150 159
CDD_Die1RxMtrPos Cnt G u16[0]	100
CDD_Die1RxMtrPos_Cnt_G_u16[1]	150
CDD_Die1RxRevCtr_Cnt_G_u16[0]	2357
CDD_Die1RxRevCtr_Cnt_G_u16[1]	3039
CDD_Die2RxError_Cnt_G_u16[0]	142
CDD_Die2RxError_Cnt_G_u16[1]	158
CDD_Die2RxMtrPos_Cnt_G_u16[0]	3930
CDD_Die2RxMtrPos_Cnt_G_u16[1]	5470
CDD_Die2RxRevCtr_Cnt_G_u16[0]	126
CDD_Die2RxRevCtr_Cnt_G_u16[1]	156
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	6229
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	9023
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0]	142
CDD_MechMtrPos2TimeStamp_uSec_G_u32[1]	158
CDD_ModIdxFinal_Uls_G_u16p16[0]	34360
CDD_ModIdxFinal_Uls_G_u16p16[1] CDD_MtrCurr1_Volts_G_f32[0]	34367 1.01605237
CDD_MtrCurr1_Volts_G_f32[1]	2.01605248
CDD_MtrCurr2_Volts_G_f32[0]	1.01605237
CDD_MtrCurr2_Volts_G_f32[1]	2.01605248
CDD_MtrCurrDax_Amp_G_f32[0]	10.2299995
CDD_MtrCurrDax_Amp_G_f32[1]	20.5599995
CDD_MtrCurrK1_Amps_G_f32[0]	-63.7799988
CDD_MtrCurrK1_Amps_G_f32[1]	-56.2299995
CDD_MtrCurrK2_Amps_G_f32[0]	72.3700027
CDD_MtrCurrK2_Amps_G_f32[1]	88.3199997
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	147.304993
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	158.048004
CDD_MtrCurrQax_Amp_G_f32[0]	144.751007
CDD_MtrCurrQax_Amp_G_f32[1]	155.233994
CDD_PWMDutyCycleASum_Cnt_G_u32[0]	0
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	0 3809
CDD_PWMDutyCycleBSum_Cnt_G_u32[0] CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	5283
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	5987
CDD PWMDutyCycleCSum Cnt G u32[1]	8649
CDD_PhaseAdvFinal_Cnt_G_u16[0]	2962
CDD_PhaseAdvFinal_Cnt_G_u16[1]	3974
CDD RxMtrPos1ParityAccum Cnt G u16[0]	3809
CDD_RxMtrPos1ParityAccum_Cnt_G_u16[1]	5283
CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[0]	3204
CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[1]	4348
CDD_SysCVSwitchADC_Cnt_G_u16[0]	6108
CDD_SysCVSwitchADC_Cnt_G_u16[1]	8836
CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[0]	0
CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[1]	33423
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	0
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	33423
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1]	5503
PXAccumPrev_Cnt_M_u32[1]	7901 61589
PXAccumPrev_Cnt_M_u32[2] Rte_Inst_Sa_CDDInterface	tgt_Rte_Inst_Sa_CDDInterface
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	145977
e_HETPROGRAMI_UN.Program1_ST.P2ACC_1.memory.data_word	145977
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	145998

2015-02-18, 15:41:12+0530



Name	Input Value		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr1_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr1_Volts	f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr2_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr2_Volts		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32	tgt_CDDInterface_Per1_CorrMtrCurrPosition		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev	tgt_CDDInterface_Per1_CorrectedElecMtrPo	sFloat_Rev_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p	tgt_CDDInterface_Per1_CorrectedElecMtrPo	s_Rev_u0p16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CumMechMtrPos_Rev_f32	tgt_CDDInterface_Per1_CumMechMtrPos_R	dev_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxError_Cnt_u16	tgt_CDDInterface_Per1_Die1RxError_Cnt_u	16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_	target_CDDInterface_Per1_Die1UnderVoltgF		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxMtrPos_Cnt_u16	tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxRevCtr_Cnt_u16	tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxError_Cnt_u16	tgt_CDDInterface_Per1_Die2RxError_Cnt_u		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxMtrPos_Cnt_u16	tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxRevCtr_Cnt_u16 tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32	tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_ tgt_CDDInterface_Per1_ExpectedOnTimeA_		
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 ExpectedOnTimeA_Ont_u32	tgt_CDDInterface_Per1_ExpectedOnTimeA_		
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 ExpectedOnTimeC Cnt u32	tgt CDDInterface Per1 ExpectedOnTimeC		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_LRPRPhaseadvanceCaptured_	tgt_CDDInterface_Per1_LRPRPhaseadvance	-	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeA_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeB_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeC	_Cnt_u32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MechMtrPos1TimeStamp_USer	tgt_CDDInterface_Per1_MechMtrPos1TimeS	stamp_USec_u32	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MechMtrPos2TimeStamp_USerserserserserserserserserserserserserse$	tgt_CDDInterface_Per1_MechMtrPos2TimeS	stamp_USec_u32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ModIdxFinal_Uls_f32	tgt_CDDInterface_Per1_ModIdxFinal_Uls_f3.	2	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrDax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrDax_Amp_f3		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK1_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32	2	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK2_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32	tgt_CDDInterface_Per1_MtrCurrQaxFinalRef		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrQax_Amp_f3		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCVSwitchADC_Cnt_u16	tgt_CDDInterface_Per1_SysCVSwitchADC_0	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCorrectedElecMtrPos_Rev_	tgt_CDDInterface_Per1_SysCorrectedElecM		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_UncorrMechMtrPos1_Rev_u0p	tgt_CDDInterface_Per1_UncorrMechMtrPos1		Danulé
Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	0 18247	0 18247	~
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1]	18247	18247	,
PXAccumPrev_Cnt_M_u32[2]	18249	18249	*
target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	4348	4348	-
tgt CDDInterface Per1 ADCMtrCurr1 Volts f32.value	2.01605248	2.01605248 ± 0.0625	-
tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value	2.01605248	2.01605248 ± 0.0625	-
tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value	3413.25	3413.25	-
tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value	0.5	0.5	~
tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value	32768	32768	~
tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value	0.06199646	0.06199646 ± 0.0625	~
tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value	159	159	~
tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value	150	150	~
tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value	3039	3039	~
tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value	158	158	~
tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value	5470	5470	V
tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value	156	156	•
tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value	0	0	•
tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value	5283	5283	
tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value	8649 372	8649 372	V
tgt_CDDInterface_Per1_LRPRPnaseauvanceCaptured_Cnt_s1o.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value	12744	12744	-
tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value	10346	10346	
tgt_CDDInterface_ren_weasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value	536827572	536827572	·
tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value	9023	9023	-
tgt CDDInterface Per1 MechMtrPos2TimeStamp USec u32.value	158	158	V
tgt_CDDInterface_Per1_ModIdxFinal_UIs_f32.value	0.524398804	0.524398804 ± 0.0625	-
tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value	20.5599995	20.5599995	✓
tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32.value	-56.2299995	-56.2299995	•
tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value	88.3199997	88.3199997	•
tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value	158.048004	158.048004	•
			✓
tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value	155.233994	155.233994	
tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u16.value		155.233994 5283	~
tgt_CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u16.value tgt_CDDInterface_Per1_SysCVSwitchADC_Cnt_u16.value	155.233994 5283 8836	5283 8836	~
tgt_CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u16.value	155.233994 5283	5283	*



Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
CDDPorts_ClearPhsReasSum	1	CDDPorts_ClearPhsReasSum	1	~

Test Step 2.52 (Repeat Count = 1)	Input Value
Name CDD_CDDDataAccessBfr_Cnt_G_u16	Input Value
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	2720.28003
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	3600.28003
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	0
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	33423
CDD_CumMechMtrPos_Rev_G_s15p16[0]	-4128
CDD_CumMechMtrPos_Rev_G_s15p16[1]	-4194
CDD_Die1RxError_Cnt_G_u16[0]	158
CDD_Die1RxError_Cnt_G_u16[1]	160
CDD_Die1RxMtrPos_Cnt_G_u16[0] CDD_Die1RxMtrPos_Cnt_G_u16[1]	126 156
CDD_DIe1RxRevCtr Cnt G u16[0]	142
CDD_Die1RxRevCtr_Cnt_G_u16[1]	158
CDD_Die2RxError_Cnt_G_u16[0]	150
CDD_Die2RxError_Cnt_G_u16[1]	159
CDD_Die2RxMtrPos_Cnt_G_u16[0]	100
CDD_Die2RxMtrPos_Cnt_G_u16[1]	150
CDD_Die2RxRevCtr_Cnt_G_u16[0]	2357
CDD_Die2RxRevCtr_Cnt_G_u16[1]	3039
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	6350
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	9210
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0]	150
CDD_MechMtrPos2TimeStamp_uSec_G_u32[1]	159
CDD_ModIdxFinal_UIs_G_u16p16[0]	10898 10905
CDD_ModIdxFinal_UIs_G_u16p16[1] CDD_MtrCurr1_Volts_G_f32[0]	2.01299477
CDD_MtrCurr1_volts_G_f32[1]	1.01299477
CDD_MtrCurr2_Volts_G_f32[0]	2.01299477
CDD_MtrCurr2_Volts_G_f32[1]	1.01299477
CDD_MtrCurrDax_Amp_G_f32[0]	15.7799997
CDD_MtrCurrDax_Amp_G_f32[1]	25.2299995
CDD_MtrCurrK1_Amps_G_f32[0]	12.5600004
CDD_MtrCurrK1_Amps_G_f32[1]	14.8900003
CDD_MtrCurrK2_Amps_G_f32[0]	-35.7999992
CDD_MtrCurrK2_Amps_G_f32[1]	30.6900005
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	-181.828003
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	-170.824997
CDD_MtrCurrQax_Amp_G_f32[0] CDD_MtrCurrQax_Amp_G_f32[1]	-168.791 -159.533997
CDD_PWMDutyCycleASum_Cnt_G_u32[0]	200000
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	200000
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	3930
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	5470
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	6108
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	8836
CDD_PhaseAdvFinal_Cnt_G_u16[0]	3083
CDD_PhaseAdvFinal_Cnt_G_u16[1]	4161
CDD_RxMtrPos1ParityAccum_Cnt_G_u16[0]	3930
CDD_RxMtrPos1ParityAccum_Cnt_G_u16[1]	5470
CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[0]	3325
CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[1]	4535 6229
CDD_SysCVSwitchADC_Cnt_G_u16[0] CDD_SysCVSwitchADC_Cnt_G_u16[1]	9023
CDD_SysCvswiidiADC_Cit_G_u16[1] CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[0]	33423
CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[1]	34079
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	33423
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	34079
PXAccumPrev_Cnt_M_u32[0]	5624
PXAccumPrev_Cnt_M_u32[1]	8088
PXAccumPrev_Cnt_M_u32[2]	62814
Rte_Inst_Sa_CDDInterface	tgt_Rte_Inst_Sa_CDDInterface
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	845984
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	845984
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	146005

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Name	Input Value		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr1_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_	_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr2_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_	_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32	tgt_CDDInterface_Per1_CorrMtrCurrPosition_	_Rev_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev	tgt_CDDInterface_Per1_CorrectedElecMtrPos	sFloat_Rev_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p	tgt_CDDInterface_Per1_CorrectedElecMtrPos	s_Rev_u0p16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CumMechMtrPos_Rev_f32	tgt_CDDInterface_Per1_CumMechMtrPos_Re	ev_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxError_Cnt_u16	tgt_CDDInterface_Per1_Die1RxError_Cnt_u1	6	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_	target_CDDInterface_Per1_Die1UnderVoltgF	ltAccum_Cnt_u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxMtrPos_Cnt_u16	tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_	u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxRevCtr_Cnt_u16	tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_	u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxError_Cnt_u16	tgt_CDDInterface_Per1_Die2RxError_Cnt_u1	6	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxMtrPos_Cnt_u16	tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_	u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxRevCtr_Cnt_u16	tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_	u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeA_0	Cnt_u32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeB_0	Cnt_u32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeC_0	Cnt_u32	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_LRPRPhase advance Captured_Interface_Per1_LRPRPhase advance CaptureD_Interface_Per1_LRPRPPhase Advance CaptureD_Interface_P$	tgt_CDDInterface_Per1_LRPRPhaseadvance	eCaptured_Cnt_s16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeA_	Cnt_u32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeB_	Cnt_u32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeC_	Cnt_u32	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MechMtrPos1TimeStamp_USerserserserserserserserserserserserserse$	tgt_CDDInterface_Per1_MechMtrPos1TimeSt	tamp_USec_u32	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MechMtrPos2TimeStamp_USerserserserserserserserserserserserserse$	tgt_CDDInterface_Per1_MechMtrPos2TimeSt	tamp_USec_u32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ModIdxFinal_Uls_f32	tgt_CDDInterface_Per1_ModIdxFinal_Uls_f32	2	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrDax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrDax_Amp_f3	2	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK1_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK2_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32		
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32$	tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_	_Amp_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrQax_Amp_f3	2	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u	tgt_CDDInterface_Per1_RxMtrPos1ParityAcc	um_Cnt_u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCVSwitchADC_Cnt_u16	tgt_CDDInterface_Per1_SysCVSwitchADC_C	Cnt_u16	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCorrectedElecMtrPos_Rev_Inst_Sa_CDDInterface_Per1_SysCorrectedElecMtrPos_Rev_Inst_Sa_CDDInterface_Per1_SysCorrectedElecMtrPos_Rev_Inst_Sa_CDDInterface_Per1_SysCorrectedElecMtrPos_Rev_Inst_Sa_CDDInterface_Per1_SysCorrectedElecMtrPos_Rev_Inst_Sa_CDDInterface_Per1_SysCorrectedElecMtrPos_Rev_Inst_Sa_CDDInterface_Per1_SysCorrectedElecMtrPos_Rev_Inst_Sa_CDDInterface_Per1_SysCorrectedElecMtrPos_Rev_Inst_Sa_CDDInterface_Per1_SysCorrectedElecMtrPos_Rev_Inst_Sa_CDDInterface_Per1_SysCorrectedElecMtrPos_Rev_Inst_Sa_CDDInterface_Per1_SysCorrectedElecMtrPos_Rev_Inst_Sa_CDDInterface_Per1_SysCorrectedElecMtrPos_Rev_Inst_Sa_CDDInterface_Per1_SysCorrectedElecMtrPos_Rev_Inst_Sa_CDDInterface_Per1_SysCorrectedElecMtrPos_Rev_Inst_Sa_CDDInterface_Per1_SysCorrectedElecMtrPos_Rev_Inst_Sa_CDDInterface_Per1_SysCorrectedElecMtrPos_Rev_Inst_Sa_CDDInterface_Per1_SysCorrectedElecMtrPos_Sa_CDDInterface_Per1_SysCo$	tgt_CDDInterface_Per1_SysCorrectedElecMt	rPos_Rev_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_UncorrMechMtrPos1_Rev_u0p	tgt_CDDInterface_Per1_UncorrMechMtrPos1	_Rev_u0p16	
Name	Actual Value	Expected Value	Result
	•		
CDD_CDDDataAccessBfr_Cnt_G_u16	0	0	~
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0]	105748	0 105748	~
PXAccumPrev_Cnt_M_u32[0]	105748	105748	~
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1]	105748 105748	105748 105748	v
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2]	105748 105748 18250	105748 105748 18250	*
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	105748 105748 18250 4535	105748 105748 18250 4535	* * * * * * * * * * * * * * * * * * *
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value	105748 105748 18250 4535 1.01299477	105748 105748 18250 4535 1.01299477 ± 0.0625	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value	105748 105748 18250 4535 1.01299477	105748 105748 18250 4535 1.01299477 ± 0.0625 1.01299477 ± 0.0625	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value	105748 105748 18250 4535 1.01299477 1.01299477 3600.28003	105748 105748 18250 4535 1.01299477 ± 0.0625 1.01299477 ± 0.0625 3600.28003	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
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PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeS_Cnt_u32.value tgt_CDDInterface_Per1_MescuredOnTimeS_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MrcCurrR2_Amp_f32.value tgt_CDDInterface_Per1_MrcCurrR2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_FinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_FinalRef_Amp_f32.value	105748 105748 105748 18250 4535 1.01299477 1.01299477 3600.28003 0.509994507 33423 -0.0639953613 160 156 158 159 150 3039 200000 5470 8836 390 100124 97660 536826348 9210 159 0.166397095 25.2299995 14.8900003 30.6900005 -170.824997 -159.533997	105748 105748 105748 18250 4535 1.01299477 ± 0.0625 1.01299477 ± 0.0625 3600.28003 0.509994507 33423 -0.0639953613 ± 0.0625 160 156 158 159 150 3039 200000 5470 8836 390 100124 97660 536826348 9210 159 0.166397095 ± 0.0625 25.2299995 14.890003 30.6900005 -170.824997 -159.533997	
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PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MedldxFinal_Uls_f32.value tgt_CDDInterface_Per1_McUrrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value	105748 105748 18250 4535 1.01299477 1.01299477 3600.28003 0.509994507 33423 -0.0639953613 160 156 158 159 150 3039 200000 5470 8836 390 100124 97660 536826348 9210 159 0.166397095 25.2299995 14.8900003 30.6900005 -170.824997 -159.533997	105748 105748 105748 18250 4535 1.01299477 ± 0.0625 1.01299477 ± 0.0625 3600.28003 0.509994507 33423 -0.0639953613 ± 0.0625 160 156 158 159 150 3039 200000 5470 8836 390 100124 97660 536826348 9210 159 0.166397095 ± 0.0625 25.2299995 14.8900003 30.6900005 -170.824997 -159.533997 5470	





Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
CDDPorts_ClearPhsReasSum	1	CDDPorts_ClearPhsReasSum	1	~

Test Step 2.53 (Repeat Count = 1)	→
Name	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16	0
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	2841.84009
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	3787.28003
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	33423
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	34078
CDD_CumMechMtrPos_Rev_G_s15p16[0]	425
CDD_CumMechMtrPos_Rev_G_s15p16[1]	432
CDD_Die1RxError_Cnt_G_u16[0] CDD_Die1RxError_Cnt_G_u16[1]	166 168
CDD_Die1RxMtrPos_Cnt_G_u16[0]	2357
CDD_Die1RxMtrPos_Cnt_G_u16[1]	3039
CDD_Die1RxRevCtr_Cnt_G_u16[0]	150
CDD_Die1RxRevCtr_Cnt_G_u16[1]	159
CDD_Die2RxError_Cnt_G_u16[0]	158
CDD_Die2RxError_Cnt_G_u16[1]	160
CDD_Die2RxMtrPos_Cnt_G_u16[0]	126
CDD_Die2RxMtrPos_Cnt_G_u16[1]	156
CDD_Die2RxRevCtr_Cnt_G_u16[0]	142
CDD_Die2RxRevCtr_Cnt_G_u16[1]	158
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	214
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	312
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0]	158
CDD_MechMtrPos2TimeStamp_uSec_G_u32[1]	160
CDD_ModldxFinal_Uls_G_u16p16[0]	15243
CDD_ModIdxFinal_Uls_G_u16p16[1]	15250
CDD_MtrCurr1_Volts_G_f32[0]	2.01324964
CDD_MtrCurr1_Volts_G_f32[1]	1.01324964
CDD_MtrCurr2_Volts_G_f32[0]	1.01324964
CDD_MtrCurr2_Volts_G_f32[1]	2.01324964 66.1999969
CDD_MtrCurrDax_Amp_G_f32[0] CDD_MtrCurrDax_Amp_G_f32[1]	88.099985
CDD_MtrCurrK1_Amps_G_f32[0]	29.6399994
CDD_MtrCurrK1_Amps_G_f32[1]	25.8099995
CDD_MtrCurrK2_Amps_G_f32[0]	-78.0100021
CDD_MtrCurrK2_Amps_G_f32[1]	67.4800034
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	194.345001
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	205.608002
CDD_MtrCurrQax_Amp_G_f32[0]	192.830994
CDD_MtrCurrQax_Amp_G_f32[1]	203.834
CDD_PWMDutyCycleASum_Cnt_G_u32[0]	2962
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	3974
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	4051
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	5657
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	6229
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	9023
CDD_PhaseAdvFinal_Cnt_G_u16[0] CDD_PhaseAdvFinal_Cnt_G_u16[1]	3204
CDD_PhaseAdvFinal_Cnt_G_u16[1] CDD_RxMtrPos1ParityAccum_Cnt_G_u16[0]	4348 100
CDD RxMtrPos1ParityAccum Cnt G u16[1]	150
CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[0]	3446
CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[1]	4722
CDD_SysCVSwitchADC_Cnt_G_u16[0]	6350
CDD_SysCVSwitchADC_Cnt_G_u16[1]	9210
CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[0]	0
CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[1]	34734
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	0
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	34734
PXAccumPrev_Cnt_M_u32[0]	5745
PXAccumPrev_Cnt_M_u32[1]	8275
PXAccumPrev_Cnt_M_u32[2]	64039
Rte_Inst_Sa_CDDInterface	tgt_Rte_Inst_Sa_CDDInterface
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	145991
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	145991
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	946012

2015-02-18, 15:41:12+0530



Name	Input Value		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr1_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr1_Volts	f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr2_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr2_Volts		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32	tgt_CDDInterface_Per1_CorrMtrCurrPosition	_Rev_f32	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPosFloat_Revenue and the property of the prop$	tgt_CDDInterface_Per1_CorrectedElecMtrPo	sFloat_Rev_f32	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0properties and the properties of the properti$	tgt_CDDInterface_Per1_CorrectedElecMtrPo	s_Rev_u0p16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CumMechMtrPos_Rev_f32	tgt_CDDInterface_Per1_CumMechMtrPos_R	ev_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxError_Cnt_u16	tgt_CDDInterface_Per1_Die1RxError_Cnt_u		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_	target_CDDInterface_Per1_Die1UnderVoltgF		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxMtrPos_Cnt_u16	tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxRevCtr_Cnt_u16 tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxError_Cnt_u16	tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_ tgt_CDDInterface_Per1_Die2RxError_Cnt_u		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxMtrPos_Cnt_u16	tgt CDDInterface Per1 Die2RxMtrPos Cnt		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxRevCtr_Cnt_u16	tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_		
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 ExpectedOnTimeA Cnt u32	tgt_CDDInterface_Per1_ExpectedOnTimeA_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeB_	Cnt_u32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeC_	Cnt_u32	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_LRPRPhase advance Captured_$	tgt_CDDInterface_Per1_LRPRPhaseadvance	eCaptured_Cnt_s16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeA_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeB_	-	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeC_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MechMtrPos1TimeStamp_USe	tgt_CDDInterface_Per1_MechMtrPos2TimeS	·	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MechMtrPos2TimeStamp_USetgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ModIdxFinal_UIs_f32	tgt_CDDInterface_Per1_MechMtrPos2TimeS tgt_CDDInterface_Per1_ModIdxFinal_Uls_f3:		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrDax_Amp_f32	tgt CDDInterface Per1 MtrCurrDax Amp f3		
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 MtrCurrK1 Amp f32	tgt CDDInterface Per1 MtrCurrK1 Amp f32		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK2_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32	tgt_CDDInterface_Per1_MtrCurrQaxFinalRef		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrQax_Amp_f3	32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u	tgt_CDDInterface_Per1_RxMtrPos1ParityAcc	cum_Cnt_u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCVSwitchADC_Cnt_u16	tgt_CDDInterface_Per1_SysCVSwitchADC_0	Cnt_u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCorrectedElecMtrPos_Rev_	tgt_CDDInterface_Per1_SysCorrectedElecMi	trPos_Rev_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_UncorrMechMtrPos1_Rev_u0p	tgt_CDDInterface_Per1_UncorrMechMtrPos1		
Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	1	1	~
PXAccumPrev_Cnt_M_u32[0]	18248	18248	✓
PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2]	18248 118251	18248 118251	✓
PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	3446	3446	J
tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value	2.01324964	2.01324964 ± 0.0625	✓
tgt CDDInterface Per1 ADCMtrCurr2 Volts f32.value	1.01324964	1.01324964 ± 0.0625	~
tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value	2841.84009	2841.84009	~
tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value	0.509994507	0.509994507	~
tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value	33423	33423	•
tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value	0.00648498535	0.00650024414 ± 0.0625	~
tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value	166	166	~
tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value	2357	2357	-
tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value	150	150	~
tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value	136	158	~
tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value	126 142	126 142	
tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value	2962	2962	-
tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value	4051	4051	~
tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value	6229	6229	~
tgt_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value	300	300	~
tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value	12503	12503	~
tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value	9973	9973	~
tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value	54212	54212	~
tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value	214	214	~
tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value	158	158	~
tgt_CDDInterface_Per1_ModIdxFinal_UIs_f32.value	0.232589722	0.23260498 ± 0.0625	•
tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value	66.1999969	66.1999969	~
		29.6399994	
tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32.value	29.6399994		
tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value	-78.0100021	-78.0100021	
tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value	-78.0100021 194.345001	-78.0100021 194.345001	~
tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value	-78.0100021	-78.0100021	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value	-78.0100021 194.345001 192.830994	-78.0100021 194.345001 192.830994	~
tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u16.value	-78.0100021 194.345001 192.830994 100	-78.0100021 194.345001 192.830994 100	~



Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
CDDPorts ClearPhsReasSum	1	CDDPorts ClearPhsReasSum	1	~

Test Step 2.54 (Repeat Count = 1)	
Name	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16	1
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	190.257996
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	192.25
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	0
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	34734
CDD_CumMechMtrPos_Rev_G_s15p16[0]	4390
CDD_CumMechMtrPos_Rev_G_s15p16[1]	4456
CDD_Die1RxError_Cnt_G_u16[0]	174
CDD_Die1RxError_Cnt_G_u16[1]	176
CDD_Die1RxMtrPos_Cnt_G_u16[0]	142
CDD_Die1RxMtrPos_Cnt_G_u16[1]	158
CDD_Die1RxRevCtr_Cnt_G_u16[0]	158
CDD_Die1RxRevCtr_Cnt_G_u16[1]	160
CDD_Die2RxError_Cnt_G_u16[0]	166
CDD_Die2RxError_Cnt_G_u16[1]	168
CDD_Die2RxMtrPos_Cnt_G_u16[0]	2357
CDD_Die2RxMtrPos_Cnt_G_u16[1]	3039
CDD_Die2RxRevCtr_Cnt_G_u16[0]	150
CDD_Die2RxRevCtr_Cnt_G_u16[1]	159
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	222
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	368
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0]	166
CDD_MechMtrPos2TimeStamp_uSec_G_u32[1]	168
CDD_ModIdxFinal_Uls_G_u16p16[0]	24202
CDD_ModIdxFinal_Uls_G_u16p16[1]	24208
CDD_MtrCurr1_Volts_G_f32[0]	0.0135043999
CDD_MtrCurr1_Volts_G_f32[1]	2.01350451
CDD_MtrCurr2_Volts_G_f32[0]	0.0135043999
CDD_MtrCurr2_Volts_G_f32[1]	1.01350439
CDD_MtrCurrDax_Amp_G_f32[0]	-32
CDD_MtrCurrDax_Amp_G_f32[1]	-28
CDD_MtrCurrK1_Amps_G_f32[0]	30.8600006
CDD_MtrCurrK1_Amps_G_f32[1]	26.5900002
CDD_MtrCurrK2_Amps_G_f32[0]	10.2299995
CDD_MtrCurrK2_Amps_G_f32[1]	20.5599995
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	120.710999
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	130.934006
CDD_MtrCurrQax_Amp_G_f32[0]	141.156998
CDD_MtrCurrQax_Amp_G_f32[1]	151.380005
CDD_PWMDutyCycleASum_Cnt_G_u32[0]	286
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	816
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	0
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	0
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	6350
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	9210
CDD_PhaseAdvFinal_Cnt_G_u16[0]	3325
CDD_PhaseAdvFinal_Cnt_G_u16[1]	4535
CDD_RxMtrPos1ParityAccum_Cnt_G_u16[0]	126
CDD_RxMtrPos1ParityAccum_Cnt_G_u16[1]	156
CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[0]	3567
CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[1]	4909
CDD_SysCVSwitchADC_Cnt_G_u16[0]	214
CDD_SysCVSwitchADC_Cnt_G_u16[1]	312
CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[0]	0
CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[1]	35389
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	0
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	35389
PXAccumPrev_Cnt_M_u32[0]	3325
PXAccumPrev_Cnt_M_u32[1]	4535
PXAccumPrev_Cnt_M_u32[2]	65264
Rte_Inst_Sa_CDDInterface	tgt_Rte_Inst_Sa_CDDInterface
_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	145998
_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	145998

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Name	Input Value		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr1_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_	_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr2_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_	_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32	tgt_CDDInterface_Per1_CorrMtrCurrPosition_	_Rev_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev	tgt_CDDInterface_Per1_CorrectedElecMtrPo	sFloat_Rev_f32	
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 CorrectedElecMtrPos Rev u0p	tgt_CDDInterface_Per1_CorrectedElecMtrPo	s Rev u0p16	
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 CumMechMtrPos Rev f32	tgt CDDInterface Per1 CumMechMtrPos Re		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxError_Cnt_u16	tgt_CDDInterface_Per1_Die1RxError_Cnt_u1	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_	target_CDDInterface_Per1_Die1UnderVoltgF		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxMtrPos_Cnt_u16	tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxRevCtr_Cnt_u16	tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxError_Cnt_u16	tgt_CDDInterface_Per1_Die2RxError_Cnt_u1		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxMtrPos_Cnt_u16	tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_	_u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxRevCtr_Cnt_u16	tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_	<u>u</u> 16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeA_0	Cnt_u32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeB_0	Cnt_u32	
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 ExpectedOnTimeC Cnt u32	tgt CDDInterface Per1 ExpectedOnTimeC	Cnt u32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_LRPRPhaseadvanceCaptured_	tgt_CDDInterface_Per1_LRPRPhaseadvance	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeA_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeB_	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeC_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MechMtrPos1TimeStamp_USer		·	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MechMtrPos2TimeStamp_USer			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ModIdxFinal_Uls_f32	tgt_CDDInterface_Per1_ModIdxFinal_Uls_f32	2	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrDax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrDax_Amp_f3	32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK1_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32	2	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK2_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32	2	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32	tgt CDDInterface Per1 MtrCurrQaxFinalRef		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrQax_Amp_f3	_ · _	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u	tgt_CDDInterface_Per1_RxMtrPos1ParityAcc		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCVSwitchADC_Cnt_u16	tgt_CDDInterface_Per1_SysCVSwitchADC_C	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCorrectedElecMtrPos_Rev_	tgt_CDDInterface_Per1_SysCorrectedElecMt		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_UncorrMechMtrPos1_Rev_u0p	tgt_CDDInterface_Per1_UncorrMechMtrPos1	_Rev_u0p16	
Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	0	0	~
	0 18249	0 18249	✓
PXAccumPrev_Cnt_M_u32[0]	18249	18249	· ·
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1]	18249 18249	18249 18249	~
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2]	18249 18249 18252	18249 18249 18252	~
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	18249 18249 18252 4909	18249 18249 18252 4909	~ ~
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value	18249 18249 18252 4909 2.01350451	18249 18249 18252 4909 2.01350451 ± 0.0625	\rightarrow \right
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value	18249 18249 18252 4909 2.01350451 1.01350439	18249 18249 18252 4909 2.01350451 ± 0.0625 1.01350439 ± 0.0625	· · · · · · · · · · · · · · · · · · ·
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value	18249 18249 18252 4909 2.01350451 1.01350439 192.25	18249 18249 18252 4909 2.01350451 ± 0.0625 1.01350439 ± 0.0625 192.25	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value	18249 18249 18252 4909 2.01350451 1.01350439	18249 18249 18252 4909 2.01350451 ± 0.0625 1.01350439 ± 0.0625	· · · · · · · · · · · · · · · · · · ·
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value	18249 18249 18252 4909 2.01350451 1.01350439 192.25	18249 18249 18252 4909 2.01350451 ± 0.0625 1.01350439 ± 0.0625 192.25	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value	18249 18249 18252 4909 2.01350451 1.01350439 192.25 0.529998779	18249 18249 18252 4909 2.01350451 ± 0.0625 1.01350439 ± 0.0625 192.25 0.529998779	· · · · · · · · · · · · · · · · · · ·
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PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeS_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeS_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MctCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_FinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_FinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_FinalRef_Amp_f32.value	18249 18249 18249 18252 4909 2.01350451 1.01350439 192.25 0.529998779 34734 0.0679931641 176 158 160 168 3039 159 816 0 9210 425 14924 13714 536823900 368 168 0.369384766 -28 26.5900002 20.5599995 130.934006 151.380005 156	18249 18249 18249 18252 4909 2.01350451 ± 0.0625 1.01350439 ± 0.0625 192.25 0.529998779 34734 0.0679931641 ± 0.0625 176 158 160 168 3039 159 816 0 9210 425 14924 13714 536823900 368 168 0.369400024 ± 0.0625 -28 26.5900002 20.5599995 130.934006 151.380005 156	· · · · · · · · · · · · · · · · · · ·



Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
CDDPorts ClearPhsReasSum	1	CDDPorts ClearPhsReasSum	1	~

est Step 2.55 (Repeat Count = 1)	
lame	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16	1
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	2962.28003
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	3974.28711
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	0
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	35389
DD_CumMechMtrPos_Rev_G_s15p16[0]	4521
DD_CumMechMtrPos_Rev_G_s15p16[1]	4587
CDD_Die1RxError_Cnt_G_u16[0]	182
DD_Die1RxError_Cnt_G_u16[1]	184
CDD_Die1RxMtrPos_Cnt_G_u16[0]	150
CDD_Die1RxMtrPos_Cnt_G_u16[1]	159
CDD_Die1RxRevCtr_Cnt_G_u16[0]	166
CDD_Die1RxRevCtr_Cnt_G_u16[1]	168
CDD_Die2RxError_Cnt_G_u16[0]	174
CDD_Die2RxError_Cnt_G_u16[1]	176
CDD_Die2RxMtrPos_Cnt_G_u16[0]	142
CDD_Die2RxMtrPos_Cnt_G_u16[1]	158
CDD_Die2RxRevCtr_Cnt_G_u16[0]	158
CDD_Die2RxRevCtr_Cnt_G_u16[1]	160
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	2236
DD_MechMtrPos1TimeStamp_uSec_G_u32[1]	2852
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0]	174
DD_MechMtrPos2TimeStamp_uSec_G_u32[1]	176
CDD_ModIdxFinal_Uls_G_u16p16[0]	32151
CDD_ModIdxFinal_Uls_G_u16p16[1]	32158
CDD_MtrCurr1_Volts_G_f32[0]	1.01375926
DD_MtrCurr1_Volts_G_f32[1]	2.01375914
CDD_MtrCurr2_Volts_G_f32[0]	1.01375926
CDD_MtrCurr2_Volts_G_f32[1]	2.01375914
DD_MtrCurrDax_Amp_G_f32[0]	6.2699998
DD_MtrCurrDax_Amp_G_f32[1]	11.2799997
CDD_MtrCurrK1_Amps_G_f32[0]	-27.3700008
DD_MtrCurrK1_Amps_G_f32[1]	-32.0800018
CDD_MtrCurrK2_Amps_G_f32[0]	15.7799997
DD_MtrCurrK2_Amps_G_f32[1]	25.2299995
DD_MtrCurrQaxFinalRef_Amp_G_f32[0]	144.751007
DD_MtrCurrQaxFinalRef_Amp_G_f32[1]	155.233994
DD_MtrCurrQax_Amp_G_f32[0]	-176.199997
DD_MtrCurrQax_Amp_G_f32[1]	-165.716995
DD_PWMDutyCycleASum_Cnt_G_u32[0]	294
DD_PWMDutyCycleASum_Cnt_G_u32[1]	872
DD_PWMDutyCycleBSum_Cnt_G_u32[0]	200000
DD_PWMDutyCycleBSum_Cnt_G_u32[1]	200000
DD_PWMDutyCycleCSum_Cnt_G_u32[0]	214
DD_PWMDutyCycleCSum_Cnt_G_u32[1]	312
DD_PhaseAdvFinal_Cnt_G_u16[0]	3446
DD_PhaseAdvFinal_Cnt_G_u16[1]	4722
DD_RxMtrPos1ParityAccum_Cnt_G_u16[0]	2357
DD_RxMtrPos1ParityAccum_Cnt_G_u16[1]	3039
DD_RxMtrPos1UnderVoltgFitAccum_Cnt_u16[0]	3688
DD_RxMtrPos1UnderVoltgFitAccum_Cnt_u16[1]	5096
DD_SysCVSwitchADC_Cnt_G_u16[0]	222
DD_SysCVSwitchADC_Cnt_G_u16[1]	368
DD_SysCorrectedElecMtrPos_Rev_G_u0p16[0]	35389
DD_SysCorrectedElecMtrPos_Rev_G_u0p16[1]	36045
DD_UncorrMechMtrPos1_Rev_G_u0p16[0]	35389
DD_UncorrMechMtrPos1_Rev_G_u0p16[1]	36045
XAccumPrev_Cnt_M_u32[0]	3446
XAccumPrev_Cnt_M_u32[1]	4722
XAccumPrev_Cnt_M_u32[2]	66489
tte_Inst_Sa_CDDInterface	tgt_Rte_Inst_Sa_CDDInterface
_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	146005
_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	146005

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	l		
Name	Input Value		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr1_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_	_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr2_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_	_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32	tgt_CDDInterface_Per1_CorrMtrCurrPosition_	_Rev_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev	tgt_CDDInterface_Per1_CorrectedElecMtrPo	sFloat_Rev_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p	tgt CDDInterface Per1 CorrectedElecMtrPo	s Rev u0p16	
tqt Rte Inst Sa CDDInterface.CDDInterface Per1 CumMechMtrPos Rev f32	tgt CDDInterface Per1 CumMechMtrPos Re	:	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxError_Cnt_u16	tgt_CDDInterface_Per1_Die1RxError_Cnt_u1	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_	target_CDDInterface_Per1_Die1UnderVoltgF		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxMtrPos_Cnt_u16	tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxRevCtr_Cnt_u16	tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxError_Cnt_u16	tgt_CDDInterface_Per1_Die2RxError_Cnt_u1		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxMtrPos_Cnt_u16	tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxRevCtr_Cnt_u16	tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_	u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeA_0	Cnt_u32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeB_0	Cnt_u32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeC_	Cnt_u32	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_LRPRPhase advance Captured_Pertaurant Comparison of the Comparison of t$	tgt_CDDInterface_Per1_LRPRPhaseadvance	eCaptured_Cnt_s16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeA_	Cnt_u32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeB_	Cnt u32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeC_		
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 MechMtrPos1TimeStamp USe	tgt CDDInterface Per1 MechMtrPos1TimeS		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MechMtrPos2TimeStamp_USe		·	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ModIdxFinal_UIs_f32	tgt_CDDInterface_Per1_ModIdxFinal_Uls_f32		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrDax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrDax_Amp_f3		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK1_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK2_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32	tgt_CDDInterface_Per1_MtrCurrQaxFinalRef	_Amp_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrQax_Amp_f3	32	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u$	tgt_CDDInterface_Per1_RxMtrPos1ParityAcc	cum_Cnt_u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCVSwitchADC_Cnt_u16	tgt_CDDInterface_Per1_SysCVSwitchADC_0	Cnt_u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCorrectedElecMtrPos_Rev_	tgt_CDDInterface_Per1_SysCorrectedElecMt	rPos_Rev_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_UncorrMechMtrPos1_Rev_u0p	tgt_CDDInterface_Per1_UncorrMechMtrPos1	Rev u0p16	
Name	Actual Value		Result
Name	Actual Value	Expected value	ittosuit
CDD CDDDataAccessPfr Cnt C u16	0	0	-
CDD_CDDDataAccessBfr_Cnt_G_u16	0	0	V
PXAccumPrev_Cnt_M_u32[0]	18250	18250	~
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1]	18250 18250	18250 18250	~
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2]	18250 18250 18253	18250 18250 18253	~
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1]	18250 18250	18250 18250	\ \ \
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2]	18250 18250 18253	18250 18250 18253	~
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	18250 18250 18253 5096	18250 18250 18253 5096	\ \ \
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value	18250 18250 18253 5096 2.01375914	18250 18250 18253 5096 2.01375914 ± 0.0625	· · ·
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value	18250 18250 18253 5096 2.01375914 2.01375914	18250 18250 18253 5096 2.01375914 ± 0.0625 2.01375914 ± 0.0625	· · · · ·
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value	18250 18250 18253 5096 2.01375914 2.01375914 3974.28711	18250 18250 18253 5096 2.01375914 ± 0.0625 2.01375914 ± 0.0625 3974.28711	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
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PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeS_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeS_Cnt_u32.value tgt_CDDInterface_Per1_MescurdOnTimeS_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_McUrrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_FinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_FinalRef_Amp_f32.value	18250 18250 18250 18253 5096 2.01375914 2.01375914 3974.28711 0.53993286 35389 0.0699920654 184 159 168 176 158 160 872 200000 312 442 14804 13528 536822676 2852 176 0.490692139 11.2799997 -32.0800018 25.2299995 155.233994 -165.716995 3039	18250 18250 18253 5096 2.01375914 ± 0.0625 2.01375914 ± 0.0625 3974.28711 0.539993286 35389 0.0700073242 ± 0.0625 184 159 168 176 158 160 872 200000 312 442 14804 13528 536822676 2852 176 0.490707397 ± 0.0625 11.2799997 -32.0800018 25.2299995 155.233994 -165.716995 3039	
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeS_Cnt_u32.value tgt_CDDInterface_Per1_MeoHtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MeoHtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MedHtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value	18250 18250 18250 18253 5096 2.01375914 2.01375914 3974.28711 0.53993286 35389 0.0699920654 184 159 168 176 158 160 872 200000 312 442 14804 13528 536822676 2852 176 0.490692139 11.2799997 -32.0800018 25.2299995 155.233994 -165.716995 3039 368	18250 18250 18253 5096 2.01375914 ± 0.0625 2.01375914 ± 0.0625 3974.28711 0.539993286 35389 0.0700073242 ± 0.0625 184 159 168 176 158 160 872 200000 312 442 14804 13528 536822676 2852 176 0.490707397 ± 0.0625 11.2799997 -32.0800018 25.2299995 155.233994 -165.716995 3039 368	



Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
CDDPorts ClearPhsReasSum	1	CDDPorts ClearPhsReasSum	1	~

est Step 2.56 (Repeat Count = 1)	la ava
lame	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16	0
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	3083.13989
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	4161.27979
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	35389
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	36044
CDD_CumMechMtrPos_Rev_G_s15p16[0]	-4653
DD_CumMechMtrPos_Rev_G_s15p16[1]	-4718
DD_Die1RxError_Cnt_G_u16[0]	190
DD_Die1RxError_Cnt_G_u16[1]	192
CDD_Die1RxMtrPos_Cnt_G_u16[0]	158
CDD_Die1RxMtrPos_Cnt_G_u16[1]	160
CDD_Die1RxRevCtr_Cnt_G_u16[0]	174
DD_Die1RxRevCtr_Cnt_G_u16[1]	176
CDD_Die2RxError_Cnt_G_u16[0]	182
CDD_Die2RxError_Cnt_G_u16[1]	184
CDD_Die2RxMtrPos_Cnt_G_u16[0]	150
CDD_Die2RxMtrPos_Cnt_G_u16[1]	159
CDD_Die2RxRevCtr_Cnt_G_u16[0]	166
DD_Die2RxRevCtr_Cnt_G_u16[1]	168
DD_MechMtrPos1TimeStamp_uSec_G_u32[0]	6567
DD_MechMtrPos1TimeStamp_uSec_G_u32[1]	8910
DD_MechMtrPos2TimeStamp_uSec_G_u32[0]	182
DD_MechMtrPos2TimeStamp_uSec_G_u32[1]	184
CDD_ModIdxFinal_Uls_G_u16p16[0]	43273
DD_ModldxFinal_Uls_G_u16p16[1]	43279
CDD_MtrCurr1_Volts_G_f32[0]	2.01401401
DD_MtrCurr1_Volts_G_f32[1]	1.01401401
CDD_MtrCurr2_Volts_G_f32[0]	2.01401401
DD_MtrCurr2_Volts_G_f32[1]	1.01401401
CDD_MtrCurrDax_Amp_G_f32[0]	34
DD_MtrCurrDax_Amp_G_f32[1]	54
DD_MtrCurrK1_Amps_G_f32[0]	-28.1499996
DD_MtrCurrK1_Amps_G_f32[1]	-33.2999992
CDD_MtrCurrK2_Amps_G_f32[0]	66.1999969
DD_MtrCurrK2_Amps_G_f32[1]	88.0999985
DD_MtrCurrQaxFinalRef_Amp_G_f32[0]	-168.791
DD_MtrCurrQaxFinalRef_Amp_G_f32[1]	-159.533997
DD_MtrCurrQax_Amp_G_f32[0]	-201.020004
DD_MtrCurrQax_Amp_G_f32[1]	-190.276993
DD_PWMDutyCycleASum_Cnt_G_u32[0]	302
DD_PWMDutyCycleASum_Cnt_G_u32[1]	928
DD_PWMDutyCycleBSum_Cnt_G_u32[0]	150
DD_PWMDutyCycleBSum_Cnt_G_u32[1]	159
DD_PWMDutyCycleCSum_Cnt_G_u32[0]	222
DD_PWMDutyCycleCSum_Cnt_G_u32[1]	368
DD_PhaseAdvFinal_Cnt_G_u16[0]	3567
DD_PhaseAdvFinal_Cnt_G_u16[1]	4909
DD_RxMtrPos1ParityAccum_Cnt_G_u16[0]	142
DD_RxMtrPos1ParityAccum_Cnt_G_u16[1]	158
DD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[0]	3809
DD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[1]	5283
DD_SysCVSwitchADC_Cnt_G_u16[0]	2236
DD_SysCVSwitchADC_Cnt_G_u16[1]	2852
CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[0]	0
DD_SysCorrectedElecMtrPos_Rev_G_u0p16[1]	36700
DD_UncorrMechMtrPos1_Rev_G_u0p16[0]	0
DD_UncorrMechMtrPos1_Rev_G_u0p16[1]	36700
XAccumPrev_Cnt_M_u32[0]	3567
XAccumPrev_Cnt_M_u32[1]	4909
XAccumPrev_Cnt_M_u32[2]	67714
the last Co CDDIstorfees	tgt_Rte_Inst_Sa_CDDInterface
tte_Inst_Sa_CDDInterface	
_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	946012

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Name	Input Value		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr1_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr1_Volts	_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr2_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr2_Volts	_f32	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32$	tgt_CDDInterface_Per1_CorrMtrCurrPosition	_Rev_f32	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPosFloat_Revenue and the property of the prop$			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CumMechMtrPos_Rev_f32	tgt_CDDInterface_Per1_CumMechMtrPos_R	-	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxError_Cnt_u16 tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_	tgt_CDDInterface_Per1_Die1RxError_Cnt_u- target_CDDInterface_Per1_Die1UnderVoltgF		
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 Die1RxMtrPos Cnt u16	tgt CDDInterface Per1 Die1RxMtrPos Cnt		
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 Die1RxRevCtr Cnt u16	tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxError_Cnt_u16	tgt_CDDInterface_Per1_Die2RxError_Cnt_u		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxMtrPos_Cnt_u16	tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_	_u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxRevCtr_Cnt_u16	tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_	<u>u</u> 16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeA_	Cnt_u32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeB_	· -	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeC_	-	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_LRPRPhaseadvanceCaptured_	tgt_CDDInterface_Per1_LRPRPhaseadvance		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32 tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeA_ tgt_CDDInterface_Per1_MeasuredOnTimeB	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeC		
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 MechMtrPos1TimeStamp USe		_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MechMtrPos2TimeStamp_USe		·	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ModIdxFinal_Uls_f32	tgt_CDDInterface_Per1_ModIdxFinal_Uls_f3.	· – –	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrDax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrDax_Amp_f3	32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK1_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32	2	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK2_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32	2	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32	tgt_CDDInterface_Per1_MtrCurrQaxFinalRef	_Amp_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrQax_Amp_f3		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCVSwitchADC_Cnt_u16	tgt_CDDInterface_Per1_SysCVSwitchADC_0	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCorrectedElecMtrPos_Rev_	tgt_CDDInterface_Per1_SysCorrectedElecM		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_UncorrMechMtrPos1_Rev_u0p Name	tgt_CDDInterface_Per1_UncorrMechMtrPos1 Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	1	1	result
PXAccumPrev Cnt M u32[0]	118251	118251	~
PXAccumPrev_Cnt_M_u32[1]	118251	118251	~
PXAccumPrev_Cnt_M_u32[2]	43254	43254	~
target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	3809	3809	~
tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value	2.01401401	2.01401401 ± 0.0625	~
tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value	2.01401401	2.01401401 ± 0.0625	~
tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value	3083.13989	3083.13989	V
tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value	0.539993286	0.539993286	✓
tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value	-0.0709991455	35389 -0.0709991455 ± 0.0625	
tgt CDDInterface Per1 Die1RxError Cnt u16.value	190	190	~
tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value	158	158	~
tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value	174	174	~
tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value	182	182	~
tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value			
tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value	150	150	~
tgt CDDInterface Per1 ExpectedOnTimeA Cnt u32.value	150 166	150 166	~
	166 302	166 302	
tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value	166 302 150	166 302 150	\ \ \
tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value	166 302 150 222	166 302 150 222	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value	166 302 150 222 334	166 302 150 222 334	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value	166 302 150 222 334 114684	166 302 150 222 334 114684	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value	166 302 150 222 334 114684 113342	166 302 150 222 334 114684 113342	· · · · · · · · · · · · · · · · · · ·
tgl_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgl_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgl_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value tgl_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgl_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgl_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value	166 302 150 222 334 114684	166 302 150 222 334 114684	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value	166 302 150 222 334 114684 113342 536846452	166 302 150 222 334 114684 113342 536846452	· · · · · · · · · · · · · · · · · · ·
tgl_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgl_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgl_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value tgl_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgl_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgl_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgl_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgl_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value	166 302 150 222 334 114684 113342 536846452 6567	166 302 150 222 334 114684 113342 536846452 6567	· · · · · · · · · · · · · · · · · · ·
tgl_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgl_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgl_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value tgl_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgl_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgl_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgl_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgl_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value	166 302 150 222 334 114684 113342 536846452 6567	166 302 150 222 334 114684 113342 536846452 6567	· · · · · · · · · · · · · · · · · · ·
tgl_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgl_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgl_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value tgl_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgl_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgl_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgl_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgl_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgl_CDDInterface_Per1_ModIdxFinal_UIs_f32.value	166 302 150 222 334 114684 113342 536846452 6567 182 0.660293579	166 302 150 222 334 114684 113342 536846452 6567 182 0.660293579 ± 0.0625	> > > > > > > > > > > > > > > > > > >
tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_ModldxFinal_UIs_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value	166 302 150 222 334 114684 113342 536846452 6567 182 0.660293579 34 -28.1499996 66.1999969	166 302 150 222 334 114684 113342 536846452 6567 182 0.660293579 ± 0.0625 34 -28.1499996 66.1999969	> > > > > > > > > > > > > > > > > > >
tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MedldxFinal_UIs_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value	166 302 150 222 334 114684 113342 536846452 6567 182 0.660293579 34 -28.1499996 66.1999969 -168.791	166 302 150 222 334 114684 113342 536846452 6567 182 0.660293579 ± 0.0625 34 -28.1499996 66.1999969 -168.791	> > > > > > > > > > > > > > > > > > >
tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MedidxFinal_UIs_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrR2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrR2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_FinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value	166 302 150 222 334 114684 113342 536846452 6567 182 0.660293579 34 -28.1499996 66.1999969 -168.791 -201.020004	166 302 150 222 334 114684 113342 536846452 6567 182 0.660293579 ± 0.0625 34 -28.1499996 66.1999969 -168.791 -201.020004	> > > > > > > > > > > > > > > > > > >
tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_ModldxFinal_Uls_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u16.value	166 302 150 222 334 114684 113342 536846452 6567 182 0.660293579 34 -28.1499996 66.1999969 -168.791 -201.020004 142	166 302 150 222 334 114684 113342 536846452 6567 182 0.660293579 ± 0.0625 34 -28.1499996 66.1999969 -168.791 -201.020004 142	> > > > > > > > > > > > > > > > > > >
tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_ModldxFinal_UIs_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u16.value tgt_CDDInterface_Per1_SysCVSwitchADC_Cnt_u16.value	166 302 150 222 334 114684 113342 536846452 6567 182 0.660293579 34 -28.1499996 66.1999969 -168.791 -201.020004 142 2236	166 302 150 222 334 114684 113342 536846452 6567 182 0.660293579 ± 0.0625 34 -28.1499996 66.1999969 -168.791 -201.020004 142 2236	> > > > > > > > > > > > > > > > > > >
tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_ModldxFinal_UIs_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u16.value	166 302 150 222 334 114684 113342 536846452 6567 182 0.660293579 34 -28.1499996 66.1999969 -168.791 -201.020004 142	166 302 150 222 334 114684 113342 536846452 6567 182 0.660293579 ± 0.0625 34 -28.1499996 66.1999969 -168.791 -201.020004 142	> > > > > > > > > > > > > > > > > > >



Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
CDDPorts_ClearPhsReasSum	1	CDDPorts_ClearPhsReasSum	1	~

Test Step 2.57 (Repeat Count = 1)	Innut Value
Name CDD_CDDDataAccessBfr_Cnt_G_u16	Input Value
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	3204.25806
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	4348.25781
CDD CorrectedElecMtrPos Rev G u0p16[0]	0
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	36700
CDD_CumMechMtrPos_Rev_G_s15p16[0]	478
CDD_CumMechMtrPos_Rev_G_s15p16[1]	484
CDD_Die1RxError_Cnt_G_u16[0]	198
CDD_Die1RxError_Cnt_G_u16[1]	200
CDD_Die1RxMtrPos_Cnt_G_u16[0]	166
CDD_Die1RxMtrPos_Cnt_G_u16[1]	168
CDD_Die1RxRevCtr_Cnt_G_u16[0]	182
CDD_Die1RxRevCtr_Cnt_G_u16[1]	184
CDD_Die2RxError_Cnt_G_u16[0]	190
CDD_Die2RxError_Cnt_G_u16[1]	192 158
CDD_Die2RxMtrPos_Cnt_G_u16[0] CDD_Die2RxMtrPos_Cnt_G_u16[1]	160
CDD_Die2RxRevCtr_Cnt_G_u16[0]	174
CDD Die2RxRevCtr Cnt G u16[1]	176
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	7688
CDD MechMtrPos1TimeStamp uSec G u32[1]	9097
CDD MechMtrPos2TimeStamp_uSec G u32[0]	190
CDD MechMtrPos2TimeStamp uSec G u32[1]	192
CDD_ModIdxFinal_Uls_G_u16p16[0]	43194
CDD_ModIdxFinal_Uls_G_u16p16[1]	43201
CDD_MtrCurr1_Volts_G_f32[0]	2.01426888
CDD_MtrCurr1_Volts_G_f32[1]	4.01426888
CDD_MtrCurr2_Volts_G_f32[0]	1.01426876
CDD_MtrCurr2_Volts_G_f32[1]	4.01426888
CDD_MtrCurrDax_Amp_G_f32[0]	59.2700005
CDD_MtrCurrDax_Amp_G_f32[1]	67.8899994
CDD_MtrCurrK1_Amps_G_f32[0]	34.5200005
CDD_MtrCurrK1_Amps_G_f32[1]	28.9300003
CDD_MtrCurrK2_Amps_G_f32[0]	-32 -28
CDD_MtrCurrK2_Amps_G_f32[1] CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	192.830994
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	203.834
CDD_MtrCurrQax_Amp_G_f32[0]	214.837006
CDD_MtrCurrQax_Amp_G_f32[1]	215.839996
CDD_PWMDutyCycleASum_Cnt_G_u32[0]	655
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	984
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	214
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	312
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	0
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	0
CDD_PhaseAdvFinal_Cnt_G_u16[0]	3688
CDD_PhaseAdvFinal_Cnt_G_u16[1]	5096
CDD_RxMtrPos1ParityAccum_Cnt_G_u16[0]	150
CDD_RxMtrPos1ParityAccum_Cnt_G_u16[1]	159
CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[0]	3930
CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[1] CDD_SysCVSwitchADC_Cnt_G_u16[0]	5470 6567
CDD_SysCVSwitchADC_Cnt_G_u16[u] CDD_SysCVSwitchADC_Cnt_G_u16[1]	6567 8910
CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[0]	36700
CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[0] CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[1]	37356
CDD UncorrMechMtrPos1 Rev G u0p16[0]	36700
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	37356
PXAccumPrev_Cnt_M_u32[0]	3688
PXAccumPrev_Cnt_M_u32[1]	5096
PXAccumPrev_Cnt_M_u32[2]	68939
Rte_Inst_Sa_CDDInterface	tgt_Rte_Inst_Sa_CDDInterface
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	146019
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	146019
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	146040

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Name	Input Value		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr1_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_	_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr2_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_	_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32	tgt_CDDInterface_Per1_CorrMtrCurrPosition_	_Rev_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev	tgt_CDDInterface_Per1_CorrectedElecMtrPo	sFloat_Rev_f32	
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 CorrectedElecMtrPos Rev u0p	tgt_CDDInterface_Per1_CorrectedElecMtrPo	s Rev u0p16	
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 CumMechMtrPos Rev f32	tgt CDDInterface Per1 CumMechMtrPos R		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxError_Cnt_u16	tgt_CDDInterface_Per1_Die1RxError_Cnt_u1	-	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_	target_CDDInterface_Per1_Die1UnderVoltgF		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxMtrPos_Cnt_u16	tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxRevCtr_Cnt_u16	tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxError_Cnt_u16	tgt_CDDInterface_Per1_Die2RxError_Cnt_u1		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxMtrPos_Cnt_u16	tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_	_u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxRevCtr_Cnt_u16	tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_	<u>u</u> 16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeA_	Cnt_u32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeB_	Cnt_u32	
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 ExpectedOnTimeC Cnt u32	tgt_CDDInterface_Per1_ExpectedOnTimeC_	Cnt u32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_LRPRPhaseadvanceCaptured_	tgt_CDDInterface_Per1_LRPRPhaseadvance	-	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeA_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeB_	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeC_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MechMtrPos1TimeStamp_USer		·	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MechMtrPos2TimeStamp_USer			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ModIdxFinal_Uls_f32	tgt_CDDInterface_Per1_ModIdxFinal_Uls_f32	2	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrDax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrDax_Amp_f3	32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK1_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32	2	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK2_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32	2	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32	tgt CDDInterface Per1 MtrCurrQaxFinalRef		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrQax_Amp_f3		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u	tgt_CDDInterface_Per1_RxMtrPos1ParityAcc		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCVSwitchADC_Cnt_u16	tgt_CDDInterface_Per1_SysCVSwitchADC_C	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCorrectedElecMtrPos_Rev_	tgt_CDDInterface_Per1_SysCorrectedElecMt		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_UncorrMechMtrPos1_Rev_u0p	tgt_CDDInterface_Per1_UncorrMechMtrPos1	_Rev_u0p16	
Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	0	0	✓
	0 18252	0 18252	~
PXAccumPrev_Cnt_M_u32[0]	18252	18252	y
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1]	18252 18252	18252 18252	~
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2]	18252 18252 18255	18252 18252 18255	~
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	18252 18252 18255 5470	18252 18252 18255 5470	\ \ \
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value	18252 18252 18255 5470 4.01426888	18252 18252 18255 5470 4.01426888 ± 0.0625	· · ·
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value	18252 18252 18255 5470 4.01426888 4.01426888	18252 18252 18255 5470 4.01426888 ± 0.0625 4.01426888 ± 0.0625	***
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value	18252 18252 18255 5470 4.01426888 4.01426888 4348.25781	18252 18252 18255 5470 4.01426888 ± 0.0625 4.01426888 ± 0.0625 4348.25781	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value	18252 18252 18255 5470 4.01426888 4.01426888	18252 18252 18255 5470 4.01426888 ± 0.0625 4.01426888 ± 0.0625	· · · · · · · · · · · · · · · · · · ·
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value	18252 18252 18255 5470 4.01426888 4.01426888 4348.25781	18252 18252 18255 5470 4.01426888 ± 0.0625 4.01426888 ± 0.0625 4348.25781	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value	18252 18252 18255 5470 4.01426888 4.01426888 4348.25781 0.559997559	18252 18252 18255 5470 4.01426888 ± 0.0625 4.01426888 ± 0.0625 4348.25781 0.559997559	· · · · · · · · · · · · · · · · · · ·
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosRev_u0p16.value tgt_CDDInterface_Per1_CurmMechMtrPos_Rev_f32.value	18252 18252 18255 5470 4.01426888 4.01426888 4348.25781 0.559997559 36700 0.00738525391	18252 18252 18255 5470 4.01426888 ± 0.0625 4.01426888 ± 0.0625 4348.25781 0.559997559 36700 0.0074005127 ± 0.0625	· · · · · · · · · · · · · · · · · · ·
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PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value	18252 18252 18255 5470 4.01426888 4.01426888 4348.25781 0.559997559 36700 0.00738525391 200 168	18252 18252 18255 5470 4.01426888 ± 0.0625 4.01426888 ± 0.0625 4348.25781 0.559997559 36700 0.0074005127 ± 0.0625 200 168	· · · · · · · · · · · · · · · · · · ·
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PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeoMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MeoMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MetCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_FinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_FinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_FinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_FinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_FinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_FinalRef_Amp_f32.value	18252 18252 18255 5470 4.01426888 4.01426888 4.01426888 4.348.25781 0.559997559 36700 0.00738525391 200 168 184 192 160 176 984 312 0 477 14564 13156 536820228 9097 192 0.659194946 67.8899994 28.9300003 -28 203.834 215.839996 159 8910	18252 18252 18255 5470 4.01426888 ± 0.0625 4.01426888 ± 0.0625 4.01426888 ± 0.0625 4348.25781 0.559997559 36700 0.0074005127 ± 0.0625 200 168 184 192 160 176 984 312 0 477 14564 13156 536820228 9097 192 0.659194946 ± 0.0625 67.889994 28.9300003 -28 203.834 215.839996 159 8910	
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CurmMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Ont_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_McurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value	18252 18252 18255 5470 4.01426888 4.01426888 4.01426888 4.348.25781 0.55997559 36700 0.00738525391 200 168 184 192 160 176 984 312 0 477 14564 13156 536820228 9097 192 0.659194946 67.889994 28.9300003 -28 203.834 215.839996 159	18252 18252 18255 5470 4.01426888 ± 0.0625 4.01426888 ± 0.0625 4.348.25781 0.559997559 36700 0.0074005127 ± 0.0625 200 168 184 192 160 176 984 312 0 477 14564 13156 536820228 9097 192 0.659194946 ± 0.0625 67.889994 28.9300003 -28 203.834 215.839996 159	



Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
CDDPorts_ClearPhsReasSum	1	CDDPorts_ClearPhsReasSum	1	~

Test Step 2.58 (Repeat Count = 1)	v v
Name	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16	1
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	3325.25806
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	4535.27979
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	36700
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	37356
CDD_CumMechMtrPos_Rev_G_s15p16[0]	-4915
CDD_CumMechMtrPos_Rev_G_s15p16[1]	-4980
CDD_Die1RxError_Cnt_G_u16[0] CDD_Die1RxError_Cnt_G_u16[1]	206 256
CDD_Die1RxMtrPos_Cnt_G_u16[0]	174
CDD_Die1RxMtrPos_Cnt_G_u16[1]	176
CDD_Die1RxRevCtr_Cnt_G_u16[0]	190
CDD_Die1RxRevCtr_Cnt_G_u16[1]	192
CDD_Die2RxError_Cnt_G_u16[0]	198
CDD_Die2RxError_Cnt_G_u16[1]	200
CDD_Die2RxMtrPos_Cnt_G_u16[0]	166
CDD_Die2RxMtrPos_Cnt_G_u16[1]	168
CDD_Die2RxRevCtr_Cnt_G_u16[0]	182
CDD_Die2RxRevCtr_Cnt_G_u16[1]	184
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	4656
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	6592
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0]	198
CDD_MechMtrPos2TimeStamp_uSec_G_u32[1]	200 8100
CDD_ModldxFinal_Uls_G_u16p16[0] CDD_ModldxFinal_Uls_G_u16p16[1]	8106
CDD MtrCurr1 Volts G f32[0]	2.01452351
CDD_MtrCurr1_Volts_G_f32[1]	1.01452363
CDD_MtrCurr2_Volts_G_f32[0]	2.01452351
CDD_MtrCurr2_Volts_G_f32[1]	1.01452363
CDD_MtrCurrDax_Amp_G_f32[0]	-74
CDD_MtrCurrDax_Amp_G_f32[1]	-64
CDD_MtrCurrK1_Amps_G_f32[0]	35.7400017
CDD_MtrCurrK1_Amps_G_f32[1]	29.7099991
CDD_MtrCurrK2_Amps_G_f32[0]	6.26999998
CDD_MtrCurrK2_Amps_G_f32[1]	11.2799997
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	141.156998
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	151.380005
CDD_MtrCurrQax_Amp_G_f32[0]	10.25
CDD_MtrCurrQax_Amp_G_f32[1] CDD PWMDutyCycleASum Cnt G u32[0]	15.3599997 1026
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	1040
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	222
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	368
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	200000
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	200000
CDD_PhaseAdvFinal_Cnt_G_u16[0]	3809
CDD_PhaseAdvFinal_Cnt_G_u16[1]	5283
CDD_RxMtrPos1ParityAccum_Cnt_G_u16[0]	158
CDD_RxMtrPos1ParityAccum_Cnt_G_u16[1]	160
CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[0]	3889
CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[1]	5287
CDD_SysCVSwitchADC_Cnt_G_u16[0]	7688
CDD_SysCVSwitchADC_Cnt_G_u16[1]	9097
CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[0]	37356
CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[1]	38011
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0] CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	37356 38011
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1] PXAccumPrev_Cnt_M_u32[0]	3809
PXAccumPrev_Cnt_M_u32[1]	5283
PXAccumPrev_Cnt_M_u32[2]	70164
Rte_Inst_Sa_CDDInterface	tgt_Rte_Inst_Sa_CDDInterface
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	146026
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	146026
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	646047

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Name	Input Value		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr1_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr1_Volts	f32	
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 ADCMtrCurr2 Volts f32	tqt CDDInterface Per1 ADCMtrCurr2 Volts		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32	tgt_CDDInterface_Per1_CorrMtrCurrPosition		
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 CorrectedElecMtrPosFloat Rev	tgt_CDDInterface_Per1_CorrectedElecMtrPo		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CumMechMtrPos_Rev_f32	tgt_CDDInterface_Per1_CumMechMtrPos_R		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxError_Cnt_u16	tgt_CDDInterface_Per1_Die1RxError_Cnt_u	16	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_Die1UnderVoltgFltAccum_Cnt_Die1UnderVoltgFltAccum_Cnt_Die1UnderVoltgFltAccum_Cnt_Die1UnderVoltgFltAccum_Cnt_Die1UnderVoltgFltAccum_Cnt_Die1UnderVoltgFltAccum_Cnt_Die1UnderVoltgFltAccum_Cnt_Die1UnderVoltgFltAccum_Cnt_Die1UnderVoltgFltAccum_Cnt_Die1U$	target_CDDInterface_Per1_Die1UnderVoltgF	ItAccum_Cnt_u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxMtrPos_Cnt_u16	tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_	u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxRevCtr_Cnt_u16	tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_	<u>u</u> 16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxError_Cnt_u16	tgt_CDDInterface_Per1_Die2RxError_Cnt_u	16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxMtrPos_Cnt_u16	tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_	<u>u</u> 16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxRevCtr_Cnt_u16	tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeA_	-	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeB_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeC_	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_LRPRPhaseadvanceCaptured_	tgt_CDDInterface_Per1_LRPRPhaseadvance		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeA_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeB_	-	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32 tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MechMtrPos1TimeStamp_USe	tgt_CDDInterface_Per1_MeasuredOnTimeC_ tgt_CDDInterface_Per1_MechMtrPos1TimeS		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MechintiPos1TimeStamp_USertgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MechintiPos2TimeStamp_USertgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MechintiPos1TimeStamp_USertgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MechintiPos1TimeStamp_USertgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MechintiPos1TimeStamp_USertgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MechintiPos1TimeStamp_USertgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MechintiPos1TimeStamp_USertgt_Rte_Inst_Sa_CDDInterface.CDDInterface.Per1_MechintiPos1TimeStamp_USertgt_Rte_Inst_Sa_CDDInterface.CDDInterface.Per1_MechintiPos1TimeStamp_USertgt_Rte_Inst_Sa_CDDInterface.CDDInterface.Per1_MechintiPos1TimeStamp_USertgt_Rte_Inst_Sa_CDDInterface.Per1_MechintiPos1TimeStamp_USertgt_Rte_Inst_Sa_CDDInterface.Per1_MechintiPos1TimeStamp_USertgt_Rte_Inst_Sa_CDDInterface.Per1_MechintiPos1TimeStamp_USertgt_Rte_Inst_Sa_CDDInterface.Per1_MechintiPos1TimeStamp_USertgt_Rte_Inst_Sa_CDDInterface.Per1_MechintiPos1TimeStamp_USertgt_Rte_Inst_Sa_CDDInterface.Per1_MechintiPos1TimeStamp_USertgt_Rte_Inst_Sa_CDDInterface.Per1_MechintiPos1TimeStamp_USertgt_Rte_Inst_Sa_CDDInterface.Per1_MechintiPos1TimeStamp_USertgt_Rte_Inst_Sa_CDDInterface.Per1_MechintiPos1TimeStamp_USertgt_Rte_Inst_Sa_CDDInterface.Per1_MechintiPos1TimeStamp_USertgt_Rte_Inst_Sa_CDDInterface.Per1_MechintiPos1TimeStamp_USertgt_Rte_Inst_Sa_CDDInterface.Per1_MechintiPos1TimeStamp_USertgt_Rte_Inst_Sa_CDDInterface.Per1_MechintiPos1TimeStamp_USertgt_Rte_Inst_Sa_CDDInterface.Per1_MechintiPos1TimeStamp_USertgt_Rte_Inst_Sa_CDDInterface.Per1_MechintiPos1TimeStamp_USertgt_Rte_Inst_Sa_CDDInterface.Per1_MechintiPos1TimeStamp_USertgt_Rte_Inst_Sa_CDDInterface.Per1_MechintiPos1TimeStamp_USertgt_Rte_Inst_Sa_CDDInterface.Per1_MechintIPos1TimeStamp_USertgt_Rte_Inst_Sa_CDInterface.Per1_MechintiPos1TimeStamp_USertgt_Rte_Inst_Sa_CDInterface.Per1_MechintiPos1TimeStamp_USertgt_Rte_Inst_Sa_CDInterface.Per1_MechintIPos1TimeStamp_USertgt_Rte_Inst_Sa_CDInterface.Per1_MechintIPos1TimeStamp_USer		·	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MedintirPos21fflestamp_Usertgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ModIdxFinal_Uls_f32	tgt_CDDInterface_Per1_MedidxFinal_Uls_f3.		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrDax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrDax_Amp_f3		
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 MtrCurrK1 Amp f32	tgt CDDInterface Per1 MtrCurrK1 Amp f32		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK2_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32	tgt_CDDInterface_Per1_MtrCurrQaxFinalRef		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrQax_Amp_f3		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u	tgt_CDDInterface_Per1_RxMtrPos1ParityAcc		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCVSwitchADC_Cnt_u16	tgt_CDDInterface_Per1_SysCVSwitchADC_0		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCorrectedElecMtrPos_Rev_	tgt_CDDInterface_Per1_SysCorrectedElecM	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_UncorrMechMtrPos1_Rev_u0p	tgt_CDDInterface_Per1_UncorrMechMtrPos1		
Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	0	0	~
PXAccumPrev_Cnt_M_u32[0]	18253	18253	✓
PXAccumPrev_Cnt_M_u32[1]	18253	18253	✓
PXAccumPrev_Cnt_M_u32[2]	80755	80755	✓
target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	5287	5287	✓
tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value	1.01452363	1.01452363 ± 0.0625	✓
tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value	1.01452363	1.01452363 ± 0.0625	~
tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value	4535.27979	4535.27979	✓
tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value	0.570007324	0.570007324	~
tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value	37356	37356	✓
tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value	-0.0759887695	-0.0760040283 ± 0.0625	~
tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value	256	256	✓
tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value	176	176	~
tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value	192	192	✓
tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value	200	200	~
tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value	168	168	~
tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value	184	184	~
tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value	1040	1040	~
tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value	368	368	~
tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value	200000	200000	V
tgt_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value	495	495	•
tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value	14444	14444	~
tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value	12970	12970	
tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value	10591	10591 6592	~
tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value	6502		~
tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value	6592		_
tot CDDInterface Per1 ModidyFinal IIIs 52 value	200	200	
tgt_CDDInterface_Per1_ModIdxFinal_UIs_f32.value	200 0.123687744	200 0.123703003 ± 0.0625	
tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value	200 0.123687744 -64	200 0.123703003 ± 0.0625 -64	•
tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32.value	200 0.123687744 -64 29.7099991	200 0.123703003 ± 0.0625 -64 29.7099991	✓
tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value	200 0.123687744 -64 29.7099991 11.2799997	200 0.123703003 ± 0.0625 -64 29.7099991 11.2799997	\ \ \
tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value	200 0.123687744 -64 29.7099991 11.2799997 151.380005	200 0.123703003 ± 0.0625 -64 29.7099991 11.2799997 151.380005	
tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value	200 0.123687744 -64 29.7099991 11.2799997	200 0.123703003 ± 0.0625 -64 29.7099991 11.2799997	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value	200 0.123687744 -64 29.7099991 11.2799997 151.380005 15.3599997	200 0.123703003 ± 0.0625 -64 29.7099991 11.2799997 151.380005 15.3599997	\ \ \ \
tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u16.value	200 0.123687744 -64 29.7099991 11.2799997 151.380005 15.3599997 160	200 0.123703003 ± 0.0625 -64 29.7099991 11.2799997 151.380005 15.3599997 160	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \



Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
CDDPorts_ClearPhsReasSum	1	CDDPorts_ClearPhsReasSum	1	~

Test Step 2.59 (Repeat Count = 1)	√
Name	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16	0
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	4530.25
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	5471.25
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	37356
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	38010
CDD_CumMechMtrPos_Rev_G_s15p16[0]	0
CDD_CumMechMtrPos_Rev_G_s15p16[1]	878
CDD_Die1RxError_Cnt_G_u16[0]	5866
CDD_Die1RxError_Cnt_G_u16[1] CDD_Die1RxAtrDea_Cat_C_u16[0]	8462 182
CDD_Die1RxMtrPos_Cnt_G_u16[0] CDD_Die1RxMtrPos_Cnt_G_u16[1]	184
CDD_Die1RxRevCtr_Cnt_G_u16[0]	198
CDD_Die1RxRevCtr_Cnt_G_u16[1]	200
CDD_Die2RxError_Cnt_G_u16[0]	206
CDD_Die2RxError_Cnt_G_u16[1]	256
CDD_Die2RxMtrPos_Cnt_G_u16[0]	174
CDD_Die2RxMtrPos_Cnt_G_u16[1]	176
CDD_Die2RxRevCtr_Cnt_G_u16[0]	190
CDD_Die2RxRevCtr_Cnt_G_u16[1]	192
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	254
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	592
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0]	206
CDD_MechMtrPos2TimeStamp_uSec_G_u32[1]	256
CDD_ModIdxFinal_Uls_G_u16p16[0]	16108 16115
CDD_ModldxFinal_Uls_G_u16p16[1] CDD MtrCurr1 Volts G f32[0]	2.01477838
CDD_MtrCurr1_Volts_G_f32[1]	1.01477838
CDD_MtrCurr2_Volts_G_f32[0]	1.01477838
CDD_MtrCurr2_Volts_G_f32[1]	2.01477838
CDD_MtrCurrDax_Amp_G_f32[0]	75.5
CDD_MtrCurrDax_Amp_G_f32[1]	83.8000031
CDD_MtrCurrK1_Amps_G_f32[0]	36.9599991
CDD_MtrCurrK1_Amps_G_f32[1]	30.4899998
CDD_MtrCurrK2_Amps_G_f32[0]	34
CDD_MtrCurrK2_Amps_G_f32[1]	54
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	-176.199997
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	-165.716995
CDD_MtrCurrQax_Amp_G_f32[0]	25.3600006
CDD_MtrCurrQax_Amp_G_f32[1]	35.8899994
CDD_PWMDutyCycleASum_Cnt_G_u32[0] CDD_PWMDutyCycleASum_Cnt_G_u32[1]	1147 1169
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	230
CDD PWMDutyCycleBSum Cnt G u32[1]	424
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	6108
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	8836
CDD_PhaseAdvFinal_Cnt_G_u16[0]	3930
CDD_PhaseAdvFinal_Cnt_G_u16[1]	5470
CDD_RxMtrPos1ParityAccum_Cnt_G_u16[0]	166
CDD_RxMtrPos1ParityAccum_Cnt_G_u16[1]	168
CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[0]	4530
CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[1]	5471
CDD_SysCVSwitchADC_Cnt_G_u16[0]	4656
CDD_SysCVSwitchADC_Cnt_G_u16[1]	6592
CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[0]	0
CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[1]	38666
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	0
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	38666
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1]	3930 5470
PXAccumPrev_Cnt_M_u32[1]	71389
Rte_Inst_Sa_CDDInterface	tgt_Rte_Inst_Sa_CDDInterface
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	346033
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	346033
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	146054

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Input Value		
•	s_f32	
tgt_CDDInterface_Per1_ADCMtrCurr2_Volts	s_f32	
tgt_CDDInterface_Per1_CorrMtrCurrPosition	n_Rev_f32	
	_	
tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_	_u16	
tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_	_u16	
tgt_CDDInterface_Per1_ExpectedOnTimeA_	_Cnt_u32	
	-	
tgt_CDDInterface_Per1_MechMtrPos2TimeS	Stamp_USec_u32	
tgt_CDDInterface_Per1_ModIdxFinal_Uls_f3	32	
tgt_CDDInterface_Per1_MtrCurrDax_Amp_f3	32	
tgt_CDDInterface_Per1_MtrCurrK1_Amp_f3:	2	
	_	
tat CDDInterface Per1 UncorrMechMtrPos	1 Rev u0p16	
tgt_CDDInterface_Per1_UncorrMechMtrPosi Actual Value	1_Rev_u0p16 Expected Value	Result
		Result
Actual Value	Expected Value	Result
Actual Value	Expected Value	~
Actual Value 1 43254	Expected Value 1 43254	V
Actual Value 1 43254 43254 18256 4530	Expected Value 1 43254 43254 18256 4530	· · ·
Actual Value 1 43254 43254 18256 4530 2.01477838	Expected Value 1 43254 43254 18256 4530 2.01477838 ± 0.0625	· · · · · · · · · · · · · · · · · · ·
Actual Value 1 43254 43254 18256 4530 2.01477838 1.01477838	Expected Value 1 43254 43254 18256 4530 2.01477838 ± 0.0625 1.01477838 ± 0.0625	· · · · · · · · · · · · · · · · · · ·
Actual Value 1 43254 43254 18256 4530 2.01477838 1.01477838 4530.25	Expected Value 1 43254 43254 18256 4530 2.01477838 ± 0.0625 1.01477838 ± 0.0625 4530.25	· · · · · · · · · · · · · · · · · · ·
Actual Value 1 43254 43254 18256 4530 2.01477838 1.01477838 4530.25 0.570007324	Expected Value 1 43254 43254 18256 4530 2.01477838 ± 0.0625 1.01477838 ± 0.0625 4530.25 0.570007324	· · · · · · · · · · · · · · · · · · ·
Actual Value 1 43254 43254 18256 4530 2.01477838 1.01477838 4530.25	Expected Value 1 43254 43254 18256 4530 2.01477838 ± 0.0625 1.01477838 ± 0.0625 4530.25	· · · · · · · · · · · · · · · · · · ·
Actual Value 1 43254 43254 18256 4530 2.01477838 1.01477838 4530.25 0.570007324 37356	Expected Value 1 43254 43254 18256 4530 2.01477838 ± 0.0625 1.01477838 ± 0.0625 4530.25 0.570007324 37356	· · · · · · · · · · · · · · · · · · ·
Actual Value 1 43254 43254 18256 4530 2.01477838 1.01477838 4530.25 0.570007324 37356 0	Expected Value 1 43254 43254 18256 4530 2.01477838 ± 0.0625 1.01477838 ± 0.0625 4530.25 0.570007324 37356 0 ± 0.0625	· · · · · · · · · · · · · · · · · · ·
Actual Value 1 43254 43254 18256 4530 2.01477838 1.01477838 4530.25 0.570007324 37356 0 5866	Expected Value 1 43254 43254 18256 4530 2.01477838 ± 0.0625 1.01477838 ± 0.0625 4530.25 0.570007324 37356 0 ± 0.0625 5866	· · · · · · · · · · · · · · · · · · ·
Actual Value 1 43254 43254 18256 4530 2.01477838 1.01477838 4530.25 0.570007324 37356 0 5866 182	Expected Value 1 43254 43254 18256 4530 2.01477838 ± 0.0625 1.01477838 ± 0.0625 4530.25 0.570007324 37356 0 ± 0.0625 5866 182 198 206	***************************************
Actual Value 1 43254 43254 18256 4530 2.01477838 1.01477838 4530.25 0.570007324 37356 0 5866 182 198 206 174	Expected Value 1 43254 43254 18256 4530 2.01477838 ± 0.0625 1.01477838 ± 0.0625 4530.25 0.570007324 37356 0 ± 0.0625 5866 182 198 206 174	***************************************
Actual Value 1 43254 43254 18256 4530 2.01477838 1.01477838 4530.25 0.570007324 37356 0 5866 182 198 206 174	Expected Value 1 43254 43254 18256 4530 2.01477838 ± 0.0625 1.01477838 ± 0.0625 4530.25 0.570007324 37356 0 ± 0.0625 5866 182 198 206 174	***************************************
Actual Value 1 43254 43254 18256 4530 2.01477838 1.01477838 4530.25 0.570007324 37356 0 5866 182 198 206 174 190 1147	Expected Value 1 43254 43254 18256 4530 2.01477838 ± 0.0625 1.01477838 ± 0.0625 4530.25 0.570007324 37356 0 ± 0.0625 5866 182 198 206 174 190 1147	***************************************
Actual Value 1 43254 43254 18256 4530 2.01477838 1.01477838 4530.25 0.570007324 37356 0 5866 182 198 206 174 190 1147 230	Expected Value 1 43254 43254 43254 18256 4530 2.01477838 ± 0.0625 1.01477838 ± 0.0625 4530.25 0.570007324 37356 0 ± 0.0625 5866 182 198 206 174 190 1147 230	***************************************
Actual Value 1 43254 43254 43254 18256 4530 2.01477838 1.01477838 4530.25 0.570007324 37356 0 5866 182 198 206 174 190 1147 230 6108	Expected Value 1 43254 43254 43254 18256 4530 2.01477838 ± 0.0625 1.01477838 ± 0.0625 4530.25 0.570007324 37356 0 ± 0.0625 5866 182 198 206 174 190 1147 230 6108	***************************************
Actual Value 1 43254 43254 18256 4530 2.01477838 1.01477838 4530.25 0.570007324 37356 0 5866 182 198 206 174 190 1147 230 6108 368	Expected Value 1 43254 43254 43254 18256 4530 2.01477838 ± 0.0625 1.01477838 ± 0.0625 4530.25 0.570007324 37356 0 ± 0.0625 5866 182 198 206 174 190 1147 230 6108 368	***************************************
Actual Value 1 43254 43254 43254 18256 4530 2.01477838 1.01477838 4530.25 0.570007324 37356 0 5866 182 198 206 174 190 1147 230 6108	Expected Value 1 43254 43254 43254 18256 4530 2.01477838 ± 0.0625 1.01477838 ± 0.0625 4530.25 0.570007324 37356 0 ± 0.0625 5866 182 198 206 174 190 1147 230 6108	· · · · · · · · · · · · · · · · · · ·
Actual Value 1 43254 43254 18256 4530 2.01477838 1.01477838 4530.25 0.570007324 37356 0 5866 182 198 206 174 190 1147 230 6108 368 39324	Expected Value 1 43254 43254 43254 18256 4530 2.01477838 ± 0.0625 1.01477838 ± 0.0625 4530.25 0.570007324 37356 0 ± 0.0625 5866 182 198 206 174 190 1147 230 6108 368 39324	· · · · · · · · · · · · · · · · · · ·
Actual Value 1 43254 43254 18256 4530 2.01477838 1.01477838 4530.25 0.570007324 37356 0 5866 182 198 206 174 190 1147 230 6108 368 39324 37784	Expected Value 1 43254 43254 18256 4530 2.01477838 ± 0.0625 1.01477838 ± 0.0625 4530.25 0.570007324 37356 0 ± 0.0625 5866 182 198 206 174 190 1147 230 6108 368 39324 37784	· · · · · · · · · · · · · · · · · · ·
Actual Value 1 43254 43254 18256 4530 2.01477838 1.01477838 4530.25 0.570007324 37356 0 5866 182 198 206 174 190 1147 230 6108 368 39324 37784 536817779	Expected Value 1 43254 43254 18256 4530 2.01477838 ± 0.0625 1.01477838 ± 0.0625 4530.25 0.570007324 37356 0 ± 0.0625 5866 182 198 206 174 190 1147 230 6108 368 39324 37784 536817779	· · · · · · · · · · · · · · · · · · ·
Actual Value 1 43254 43254 18256 4530 2.01477838 1.01477838 4530.25 0.570007324 37356 0 5866 182 198 206 174 190 1147 230 6108 368 39324 37784 536817779 254 206 0.245788574	Expected Value 1 43254 43254 43254 18256 4530 2.01477838 ± 0.0625 1.01477838 ± 0.0625 4530.25 0.570007324 37356 0 ± 0.0625 5866 182 198 206 174 190 1147 230 6108 368 39324 37784 536817779 254 206 0.245803833 ± 0.0625	· · · · · · · · · · · · · · · · · · ·
Actual Value 1 43254 43254 18256 4530 2.01477838 1.01477838 4530.25 0.570007324 37356 0 5866 182 198 206 174 190 1147 230 6108 368 39324 37784 536817779 254 206 0.245788574 75.5	Expected Value 1 43254 43254 18256 4530 2.01477838 ± 0.0625 1.01477838 ± 0.0625 4530.25 0.570007324 37356 0 ± 0.0625 5866 182 198 206 174 190 1147 230 6108 368 39324 37784 536817779 254 206 0.245803833 ± 0.0625 75.5	· · · · · · · · · · · · · · · · · · ·
Actual Value 1 43254 43254 43254 18256 4530 2.01477838 1.01477838 4530.25 0.570007324 37356 0 5866 182 198 206 174 190 1147 230 6108 368 39324 37784 536817779 254 206 0.245788574 75.5 36.9599991	Expected Value 1 43254 43254 43254 18256 4530 2.01477838 ± 0.0625 1.01477838 ± 0.0625 4530.25 0.570007324 37356 0 ± 0.0625 5866 182 198 206 174 190 1147 230 6108 368 39324 37784 536817779 254 206 0.245803833 ± 0.0625 75.5 36.9599991	
Actual Value 1 43254 43254 18256 4530 2.01477838 1.01477838 4530.25 0.570007324 37356 0 5866 182 198 206 174 190 1147 230 6108 368 39324 37784 536817779 254 206 0.245788574 75.5 36.9599991 34	Expected Value 1 43254 43254 43254 18256 4530 2.01477838 ± 0.0625 1.01477838 ± 0.0625 4530.25 0.570007324 37356 0 ± 0.0625 5866 182 198 206 174 190 1147 230 6108 368 39324 37784 536817779 254 206 0.245803833 ± 0.0625 75.5 36.9599991 34	
Actual Value 1 43254 43254 43254 18256 4530 2.01477838 1.01477838 4530.25 0.570007324 37356 0 5866 182 198 206 174 190 1147 230 6108 368 39324 37784 536817779 254 206 0.245788574 75.5 36.9599991 34 -176.199997	Expected Value 1 43254 43254 43254 18256 4530 2.01477838 ± 0.0625 1.01477838 ± 0.0625 4530.25 0.570007324 37356 0 ± 0.0625 5866 182 198 206 174 190 1147 230 6108 368 39324 37784 536817779 254 206 0.245803833 ± 0.0625 75.5 36.9599991 34 -176.199997	
Actual Value 1 43254 43254 18256 4530 2.01477838 1.01477838 4530.25 0.570007324 37356 0 5866 182 198 206 174 190 1147 230 6108 368 39324 37784 536817779 254 206 0.245788574 75.5 36.9599991 34	Expected Value 1 43254 43254 43254 18256 4530 2.01477838 ± 0.0625 1.01477838 ± 0.0625 4530.25 0.570007324 37356 0 ± 0.0625 5866 182 198 206 174 190 1147 230 6108 368 39324 37784 536817779 254 206 0.245803833 ± 0.0625 75.5 36.9599991 34	
Actual Value 1 43254 43254 43254 18256 4530 2.01477838 1.01477838 4530.25 0.570007324 37356 0 0 5866 182 198 206 174 190 1147 230 6108 368 39324 37784 536817779 254 206 0.245788574 75.5 36.9599991 34 -176.199997 25.3600006	Expected Value 1 43254 43254 43254 18256 4530 2.01477838 ± 0.0625 1.01477838 ± 0.0625 4530.25 0.570007324 37356 0 ± 0.0625 5866 182 198 206 174 190 1147 230 6108 368 39324 37784 536817779 254 206 0.245803833 ± 0.0625 75.5 36.9599991 34 -176.199997 25.3600006	
Actual Value 1 43254 43254 43254 18256 4530 2.01477838 1.01477838 4530.25 0.570007324 37356 0 5866 182 198 206 174 190 1147 230 6108 368 39324 37784 536817779 254 206 0.245788574 75.5 36.9599991 34 -176.199997 25.3600006 166	Expected Value 1 43254 43254 43254 18256 4530 2.01477838 ± 0.0625 1.01477838 ± 0.0625 4530.25 0.570007324 37356 0 ± 0.0625 5866 182 198 206 174 190 1147 230 6108 368 39324 37784 536817779 254 206 0.245803833 ± 0.0625 75.5 36.9599991 34 -176.199997 25.3600006 166	
	tgt_CDDInterface_Per1_ADCMtrCurr1_Volts tgt_CDDInterface_Per1_ADCMtrCurr2_Volts tgt_CDDInterface_Per1_ADCMtrCurr2_Volts tgt_CDDInterface_Per1_CorrectedElecMtrPo tgt_CDDInterface_Per1_CorrectedElecMtrPo tgt_CDDInterface_Per1_CorrectedElecMtrPo tgt_CDDInterface_Per1_Die1RxError_Cnt_u tgt_CDDInterface_Per1_Die1RxError_Cnt_u tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt tgt_CDDInterface_Per1_Die2RxError_Cnt_u tgt_CDDInterface_Per1_Die2RxError_Cnt_u tgt_CDDInterface_Per1_Die2RxError_Cnt_u tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt tgt_CDDInterface_Per1_ExpectedOnTimeA tgt_CDDInterface_Per1_ExpectedOnTimeA tgt_CDDInterface_Per1_ExpectedOnTimeA tgt_CDDInterface_Per1_MeasuredOnTimeB tgt_CDDInterface_Per1_MeasuredOnTimeB tgt_CDDInterface_Per1_MeasuredOnTimeC tgt_CDDInterface_Per1_MechMtrPos1TimeC tgt_CDDInterface_Per1_MechMtrPos1TimeC tgt_CDDInterface_Per1_MtrCurrDax_Amp_f tgt_CDDInterface_Per1_MtrCurrDax_Amp_f tgt_CDDInterface_Per1_MtrCurrQaxFinalRe tgt_CDDInterface_Per1_MtrCurrQax_Amp_f tgt_CDDInterface_Per1_MtrCurrQax_Amp_f tgt_CDDInterface_Per1_RxMtrPos1ParityAc tgt_CDDInterface_Per1_SysCVSwitchADC_/ tgt_CDDInterface_Per1_SysCorrectedElecM/	tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32 tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32 tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32 tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32 tgt_CDDInterface_Per1_CorrectedElecMtrPosRev_u0p16 tgt_CDDInterface_Per1_CumMechMtrPos_Rev_g32 tgt_CDDInterface_Per1_Die1RxError_Cnt_u16 target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16 tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16 tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16 tgt_CDDInterface_Per1_Die2RxError_Cnt_u16 tgt_CDDInterface_Per1_Die2RxError_Cnt_u16 tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16 tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16 tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16 tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32 tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32 tgt_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16 tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32 tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32 tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32 tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32 tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32 tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32 tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32 tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32 tgt_CDDInterface_Per1_MrCurrDax_Amp_f32 tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32 tgt_CDDInterface_Per1_MtrCurrCax_Amp_f32 tgt_CDDInterface_Per1_MtrCurrCax_Amp_f32 tgt_CDDInterface_Per1_MtrCurrCax_Amp_f32 tgt_CDDInterface_Per1_MtrCurrCax_Amp_f32 tgt_CDDInterface_Per1_MtrCurrCax_Amp_f32 tgt_CDDInterface_Per1_MtrCurrCax_Amp_f32 tgt_CDDInterface_Per1_SysCVSwitchADC_Cnt_u16 tgt_CDDInterface_Per1_SysCVSwitchADC_Cnt_u16 tgt_CDDInterface_Per1_SysCVSwitchADC_Cnt_u16



Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
CDDPorts_ClearPhsReasSum	1	CDDPorts_ClearPhsReasSum	1	~

Test Step 2.60 (Repeat Count = 1)	✓
Name	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16	1
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	2962.25
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	3974.25
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	0
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	38666
CDD_CumMechMtrPos_Rev_G_s15p16[0]	-884
CDD_CumMechMtrPos_Rev_G_s15p16[1]	-891
CDD_Die1RxError_Cnt_G_u16[0]	7688 9097
CDD_Die1RxError_Cnt_G_u16[1] CDD_Die1RxMtrPos_Cnt_G_u16[0]	190
CDD_Die1RxMtrPos_Cnt_G_u16[1]	192
CDD_Die1RxRevCtr_Cnt_G_u16[0]	206
CDD_Die1RxRevCtr_Cnt_G_u16[1]	256
CDD_Die2RxError_Cnt_G_u16[0]	5866
CDD_Die2RxError_Cnt_G_u16[1]	8462
CDD_Die2RxMtrPos_Cnt_G_u16[0]	182
CDD_Die2RxMtrPos_Cnt_G_u16[1]	184
CDD_Die2RxRevCtr_Cnt_G_u16[0]	198
CDD_Die2RxRevCtr_Cnt_G_u16[1]	200
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	262
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	648
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0] CDD_MechMtrPos2TimeStamp_uSec_G_u32[1]	5866 8462
CDD_ModIdxFinal_Uls_G_u16p16[0]	38469
CDD_ModIdxFinal_Uls_G_u16p16[1]	57606
CDD MtrCurr1 Volts G f32[0]	1.01503325
CDD_MtrCurr1_Volts_G_f32[1]	2.01503325
CDD_MtrCurr2_Volts_G_f32[0]	2.01503325
CDD_MtrCurr2_Volts_G_f32[1]	1.01503325
CDD_MtrCurrDax_Amp_G_f32[0]	50
CDD_MtrCurrDax_Amp_G_f32[1]	60
CDD_MtrCurrK1_Amps_G_f32[0]	38.1800003
CDD_MtrCurrK1_Amps_G_f32[1]	31.2700005
CDD_MtrCurrK2_Amps_G_f32[0]	59.2700005
CDD_MtrCurrK2_Amps_G_f32[1] CDD_MtrCurrOcyEinelRef_Amp_C_f32[0]	67.8899994 -201.020004
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0] CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	-190.276993
CDD_MtrCurrQax_Amp_G_f32[0]	40.4700012
CDD_MtrCurrQax_Amp_G_f32[1]	56.4199982
CDD_PWMDutyCycleASum_Cnt_G_u32[0]	1268
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	1356
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	238
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	480
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	254
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	592
CDD_PhaseAdvFinal_Cnt_G_u16[0]	100
CDD_PhaseAdvFinal_Cnt_G_u16[1]	150
CDD_RxMtrPos1ParityAccum_Cnt_G_u16[0] CDD RxMtrPos1ParityAccum Cnt G u16[1]	174 176
CDD_RxMtrPos1PantyAccum_Cnt_G_u16[1] CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[0]	238
CDD_RxMtrPos1UnderVoltgFitAccum_Cnt_u16[1]	480
CDD SysCVSwitchADC Cnt G u16[0]	0
CDD_SysCVSwitchADC_Cnt_G_u16[1]	0
CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[0]	38666
CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[1]	39322
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	38666
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	39322
PXAccumPrev_Cnt_M_u32[0]	3889
PXAccumPrev_Cnt_M_u32[1]	5287
PXAccumPrev_Cnt_M_u32[2]	72614
Rte_Inst_Sa_CDDInterface e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	tgt_Rte_Inst_Sa_CDDInterface 146040
e_HETPROGRAMI_UN.Program1_ST.P1ACC_1.memory.data_word	146040
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	846061

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Name	Input Value		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr1_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr1_Volts	:_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr2_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr2_Volts	<u>-</u> f32	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32$	tgt_CDDInterface_Per1_CorrMtrCurrPosition	_Rev_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPosFloat_Re			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CumMechMtrPos_Rev_f32	tgt_CDDInterface_Per1_CumMechMtrPos_F	-	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxError_Cnt_u16 tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_	tgt_CDDInterface_Per1_Die1RxError_Cnt_u target_CDDInterface_Per1_Die1UnderVoltgf		
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 Die1RxMtrPos Cnt u16	tgt CDDInterface Per1 Die1RxMtrPos Cnt		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxRevCtr_Cnt_u16	tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxError_Cnt_u16	tgt_CDDInterface_Per1_Die2RxError_Cnt_u	16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxMtrPos_Cnt_u16	tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_	_u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxRevCtr_Cnt_u16	tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_	_u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeA_	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeB_	-	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeC_	-	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_LRPRPhaseadvanceCaptured_tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32	tgt_CDDInterface_Per1_LRPRPhaseadvanc tgt_CDDInterface_Per1_MeasuredOnTimeA		
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 MeasuredOnTimeB Cnt u32	tgt CDDInterface Per1 MeasuredOnTimeB		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeC		
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 MechMtrPos1TimeStamp USe			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MechMtrPos2TimeStamp_USe			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ModIdxFinal_Uls_f32	tgt_CDDInterface_Per1_ModIdxFinal_Uls_f3		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrDax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrDax_Amp_f3	32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK1_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK1_Amp_f33	2	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK2_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32	2	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrQax_Amp_f		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCVSwitchADC_Cnt_u16	tgt_CDDInterface_Per1_SysCVSwitchADC_u	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCorrectedElecMtrPos_Rev_ tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_UncorrMechMtrPos1_Rev_u0p			
Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	0	0	- Ttoouit
PXAccumPrev Cnt M u32[0]	18255	18255	~
PXAccumPrev_Cnt_M_u32[1]	18255	18255	~
PXAccumPrev_Cnt_M_u32[2]	105757	105757	•
target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	480	480	~
tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value	2.01503325	2.01503325 ± 0.0625	~
tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value	1.01503325	1.01503325 ± 0.0625	
tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value	3974.25	3974.25	~
tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value	0.589996338 38666	0.589996338 38666	-
tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value	-0.0135955811	-0.0135955811 ± 0.0625	
tgt CDDInterface Per1 Die1RxError Cnt u16.value	9097	9097	✓
tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value	192	192	
tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value	256	256	✓
tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value	8462	8462	~
tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value	184	184	~
tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value	200	200	~
tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value	1356	1356	~
tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value	480	480	
tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value	592	592	~
tgt_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value	14 14366	14 14366	
tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value	12968	12968	
tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value	33143	33143	_
tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value	648	648	
tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value	8462	8462	•
tgt_CDDInterface_Per1_ModIdxFinal_Uls_f32.value	0.070007000	0.070007000 + 0.0005	~
tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value	0.878997803	0.878997803 ± 0.0625	
tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32.value	60	0.878997803 ± 0.0625	•
	60 31.2700005	60 31.2700005	~
tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value	60 31.2700005 67.8899994	60 31.2700005 67.8899994	· ·
tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value	60 31.2700005 67.8899994 -190.276993	60 31.2700005 67.8899994 -190.276993	~
tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value	60 31.2700005 67.8899994 -190.276993 56.4199982	60 31.2700005 67.8899994 -190.276993 56.4199982	· ·
tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u16.value	60 31.2700005 67.8899994 -190.276993 56.4199982	60 31.2700005 67.8899994 -190.276993 56.4199982	~
tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u16.value tgt_CDDInterface_Per1_SysCVSwitchADC_Cnt_u16.value	60 31.2700005 67.8899994 -190.276993 56.4199982 176	60 31.2700005 67.8899994 -190.276993 56.4199982 176	· ·
tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u16.value	60 31.2700005 67.8899994 -190.276993 56.4199982	60 31.2700005 67.8899994 -190.276993 56.4199982	· ·



Test Step Call Trace					1
Actual Function	Count	Expected Function	Count	Resu	it
CDDPorts_ClearPhsReasSum	1	CDDPorts_ClearPhsReasSum	1	•	•

Test Step 2.61 (Repeat Count = 1)	
Name	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16	1
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	3083.23999
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	4161.27979
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	38666
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	39322
CDD_CumMechMtrPos_Rev_G_s15p16[0]	0
CDD_CumMechMtrPos_Rev_G_s15p16[1]	904
CDD_Die1RxError_Cnt_G_u16[0]	222
CDD_Die1RxError_Cnt_G_u16[1]	368
CDD_Die1RxMtrPos_Cnt_G_u16[0]	198
CDD_Die1RxMtrPos_Cnt_G_u16[1]	200
CDD_Die1RxRevCtr_Cnt_G_u16[0]	5866
CDD_Die1RxRevCtr_Cnt_G_u16[1]	8462
CDD_Die2RxError_Cnt_G_u16[0]	7688
CDD_Die2RxError_Cnt_G_u16[1]	9097
CDD_Die2RxMtrPos_Cnt_G_u16[0]	190
CDD_Die2RxMtrPos_Cnt_G_u16[1]	192
CDD_Die2RxRevCtr_Cnt_G_u16[0]	206
CDD_Die2RxRevCtr_Cnt_G_u16[1]	256
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	270
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	704
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0]	5987
CDD_MechMtrPos2TimeStamp_uSec_G_u32[1]	8649
CDD_ModldxFinal_Uls_G_u16p16[0]	43247
CDD_ModldxFinal_Uls_G_u16p16[1]	43253
CDD_MtrCurr1_Volts_G_f32[0]	2.01095629
CDD_MtrCurr1_Volts_G_f32[1]	1.01095641
CDD_MtrCurr2_Volts_G_f32[0]	2.01095629
CDD_MtrCurr2_Volts_G_f32[1]	1.01095641
CDD_MtrCurrDax_Amp_G_f32[0]	55.7999992
CDD_MtrCurrDax_Amp_G_f32[1]	65.9000015
CDD_MtrCurrK1_Amps_G_f32[0]	39.4000015
CDD_MtrCurrK1_Amps_G_f32[1]	32.0499992
CDD_MtrCurrK2_Amps_G_f32[0]	-74
CDD_MtrCurrK2_Amps_G_f32[1]	-64
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	214.837006
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	215.839996
CDD_MtrCurrQax_Amp_G_f32[0]	55.5800018
CDD_MtrCurrQax_Amp_G_f32[1]	76.9499969
CDD_PWMDutyCycleASum_Cnt_G_u32[0]	1389
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	1543
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	246
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	536
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	262
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	648
CDD_PhaseAdvFinal_Cnt_G_u16[0]	126
CDD_PhaseAdvFinal_Cnt_G_u16[1]	156
CDD_RxMtrPos1ParityAccum_Cnt_G_u16[0]	182
CDD_RxMtrPos1ParityAccum_Cnt_G_u16[1]	184
CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[0]	2962
CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[1]	3974
CDD_SysCVSwitchADC_Cnt_G_u16[0]	65535
CDD_SysCVSwitchADC_Cnt_G_u16[1]	65535
CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[0]	39322
CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[1]	39976
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	33423
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	34079
PXAccumPrev_Cnt_M_u32[0]	4530
PXAccumPrev_Cnt_M_u32[1]	5471
PXAccumPrev_Cnt_M_u32[2]	73839
Rte_Inst_Sa_CDDInterface	tgt_Rte_Inst_Sa_CDDInterface
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	646047
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	545942
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	145949

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Name	Input Value		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr1_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr1_Volts	_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr2_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr2_Volts	_f32	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32$	tgt_CDDInterface_Per1_CorrMtrCurrPosition	_Rev_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPosFloat_Re			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CumMechMtrPos_Rev_f32	tgt_CDDInterface_Per1_CumMechMtrPos_R	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxError_Cnt_u16 tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_	tgt_CDDInterface_Per1_Die1RxError_Cnt_u target_CDDInterface_Per1_Die1UnderVoltgf		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxMtrPos_Cnt_u16	tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxRevCtr_Cnt_u16	tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxError_Cnt_u16	tgt_CDDInterface_Per1_Die2RxError_Cnt_u		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxMtrPos_Cnt_u16	tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_	_u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxRevCtr_Cnt_u16	tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_	_u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeA_	Cnt_u32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeB_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeC_	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_LRPRPhaseadvanceCaptured_			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32 tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeA_ tgt_CDDInterface_Per1_MeasuredOnTimeB_	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32	tgt CDDInterface Per1 MeasuredOnTimeC		
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 MechMtrPos1TimeStamp USe			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MechMtrPos2TimeStamp_USe			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ModIdxFinal_Uls_f32	tgt_CDDInterface_Per1_ModIdxFinal_Uls_f3		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrDax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrDax_Amp_f3	32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK1_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32	2	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK2_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK2_Amp_f33	2	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32	tgt_CDDInterface_Per1_MtrCurrQaxFinalRe	f_Amp_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrQax_Amp_f		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCVSwitchADC_Cnt_u16	tgt_CDDInterface_Per1_SysCVSwitchADC_	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCorrectedElecMtrPos_Rev_ tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_UncorrMechMtrPos1_Rev_u0p			
Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	0	0	Kesuit
PXAccumPrev Cnt M u32[0]	80755	80755	V
PXAccumPrev_Cnt_M_u32[1]	68242	68242	
PXAccumPrev_Cnt_M_u32[2]	18243	18243	✓
target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	3974	3974	•
tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value	1.01095641	1.01095641 ± 0.0625	~
tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value	1.01095641	1.01095641 ± 0.0625	~
tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value	4161.27979	4161.27979	~
tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value	0.600006104	0.600006104	-
tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value	39322 0.0137939453	39322 0.0137939453 ± 0.0625	
tgt CDDInterface Per1 Die1RxError Cnt u16.value	368	368	V
tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value	200	200	
tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value	8462	8462	✓
tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value	9097	9097	~
tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value	192	192	✓
tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value	256	256	~
tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value	1543	1543	~
tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value	536	536	
tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value	648	648	~
tgt_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value	14 76225	14	
tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value	62771	76225 62771	
tgt CDDInterface Per1 MeasuredOnTimeC Cnt u32.value	536815316	536815316	~
tgt CDDInterface Per1 MechMtrPos1TimeStamp USec u32.value	704	704	
tgt CDDInterface Per1 MechMtrPos2TimeStamp USec u32.value	8649	8649	~
tgt_CDDInterface_Per1_ModIdxFinal_Uls_f32.value	0.659988403	0.660003662 ± 0.0625	~
tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value			✓
tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32.value	65.9000015	65.9000015	_
tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value	65.9000015 32.0499992	65.9000015 32.0499992	~
	32.0499992 -64	32.0499992 -64	~
tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value	32.0499992 -64 215.839996	32.0499992 -64 215.839996	~
tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value	32.0499992 -64 215.839996 76.9499969	32.0499992 -64 215.839996 76.9499969	· · ·
tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u16.value	32.0499992 -64 215.839996 76.9499969 184	32.0499992 -64 215.839996 76.9499969 184	~
tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u16.value tgt_CDDInterface_Per1_SysCVSwitchADC_Cnt_u16.value	32.0499992 -64 215.839996 76.9499969 184 65535	32.0499992 -64 215.839996 76.9499969 184 65535	· · ·
tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u16.value	32.0499992 -64 215.839996 76.9499969 184	32.0499992 -64 215.839996 76.9499969 184	· · ·





Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
CDDPorts_ClearPhsReasSum	1	CDDPorts_ClearPhsReasSum	1	•

Test Step 2.62 (Repeat Count = 1)	Innut Value
Name CDD_CDDDataAccessBfr_Cnt_G_u16	Input Value
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	6229.27979
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	9023.54004
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	39322
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	39976
CDD_CumMechMtrPos_Rev_G_s15p16[0]	-910
CDD_CumMechMtrPos_Rev_G_s15p16[1]	-917
CDD_Die1RxError_Cnt_G_u16[0]	230
CDD_Die1RxError_Cnt_G_u16[1]	424
CDD_Die1RxMtrPos_Cnt_G_u16[0]	206
CDD_Die1RxMtrPos_Cnt_G_u16[1]	256
CDD_Die1RxRevCtr_Cnt_G_u16[0]	7688
CDD_Die1RxRevCtr_Cnt_G_u16[1]	9097
CDD_Die2RxError_Cnt_G_u16[0]	222
CDD_Die2RxError_Cnt_G_u16[1]	368
CDD_Die2RxMtrPos_Cnt_G_u16[0]	198
CDD_Die2RxMtrPos_Cnt_G_u16[1]	200
CDD_Die2RxRevCtr_Cnt_G_u16[0]	5866
CDD_Die2RxRevCtr_Cnt_G_u16[1] CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	8462 6567
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0] CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	8910
CDD_MechMtrPos2TimeStamp_uSec_G_u32[1] CDD MechMtrPos2TimeStamp uSec G u32[0]	6108
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0] CDD MechMtrPos2TimeStamp uSec G u32[1]	8836
CDD_ModIdxFinal_Uls_G_u16p16[0]	8152
CDD_ModldxFinal_Uls_G_u16p16[1]	8159
CDD_MtrCurr1_Volts_G_f32[0]	0.0155427996
CDD_MtrCurr1_Volts_G_f32[1]	4.01554298
CDD_MtrCurr2_Volts_G_f32[0]	0.0155427996
CDD_MtrCurr2_Volts_G_f32[1]	4.01554298
CDD_MtrCurrDax_Amp_G_f32[0]	-68.6399994
CDD_MtrCurrDax_Amp_G_f32[1]	-57.4700012
CDD_MtrCurrK1_Amps_G_f32[0]	-87.8199997
CDD_MtrCurrK1_Amps_G_f32[1]	-69.1600037
CDD_MtrCurrK2_Amps_G_f32[0]	75.5
CDD_MtrCurrK2_Amps_G_f32[1]	83.8000031
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	10.25
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	15.3599997
CDD_MtrCurrQax_Amp_G_f32[0]	-97.4800034
CDD_MtrCurrQax_Amp_G_f32[1]	-70.6900024 4540
CDD_PWMDutyCycleASum_Cnt_G_u32[0] CDD_PWMDutyCycleASum_Cnt_G_u32[1]	1510 1730
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	254
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	592
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	270
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	704
CDD_PhaseAdvFinal_Cnt_G_u16[0]	134
CDD_PhaseAdvFinal_Cnt_G_u16[1]	157
CDD_RxMtrPos1ParityAccum_Cnt_G_u16[0]	190
CDD_RxMtrPos1ParityAccum_Cnt_G_u16[1]	192
CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[0]	3083
CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[1]	4161
CDD_SysCVSwitchADC_Cnt_G_u16[0]	2357
CDD_SysCVSwitchADC_Cnt_G_u16[1]	3039
CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[0]	0
CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[1]	40632
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	0
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	34734
PXAccumPrev_Cnt_M_u32[0]	6567
PXAccumPrev_Cnt_M_u32[1]	8910
PXAccumPrev_Cnt_M_u32[2]	75064
Rte_Inst_Sa_CDDInterface	tgt_Rte_Inst_Sa_CDDInterface
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	146054
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	145949
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	145956

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Name	Input Value		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr1_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr1_Volts	f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr2_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr2_Volts		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32	tgt_CDDInterface_Per1_CorrMtrCurrPosition	_Rev_f32	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPosFloat_Revenue (CDDInterface) and (CDDInterface) and (CDDInterface) are the context of th$	tgt_CDDInterface_Per1_CorrectedElecMtrPo	sFloat_Rev_f32	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0ptores and the property of the prop$	tgt_CDDInterface_Per1_CorrectedElecMtrPo	s_Rev_u0p16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CumMechMtrPos_Rev_f32	tgt_CDDInterface_Per1_CumMechMtrPos_R	ev_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxError_Cnt_u16	tgt_CDDInterface_Per1_Die1RxError_Cnt_u		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_	target_CDDInterface_Per1_Die1UnderVoltgF		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxMtrPos_Cnt_u16	tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxRevCtr_Cnt_u16 tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxError_Cnt_u16	tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_ tgt_CDDInterface_Per1_Die2RxError_Cnt_u		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxMtrPos_Cnt_u16	tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxRevCtr_Cnt_u16	tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_		
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 ExpectedOnTimeA Cnt u32	tgt_CDDInterface_Per1_ExpectedOnTimeA_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeB_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeC_	Cnt_u32	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_LRPRPhase advance Captured_$	tgt_CDDInterface_Per1_LRPRPhaseadvance	eCaptured_Cnt_s16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeA_	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeB_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeC_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MechMtrPos1TimeStamp_USe	tgt_CDDInterface_Per1_MechMtrPos1TimeS	·	
	tgt_CDDInterface_Per1_MechMtrPos2TimeS		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ModIdxFinal_UIs_f32	tgt_CDDInterface_Per1_ModldxFinal_Uls_f3: tgt_CDDInterface_Per1_MtrCurrDax_Amp_f3		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrDax_Amp_f32 tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK1_Amp_f32	tgt_CDDInterrace_Per1_MtrCurrDax_Amp_r3 tgt_CDDInterface_Per1_MtrCurrK1_Amp_r32		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK2_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32	tgt CDDInterface Per1 MtrCurrQaxFinalRef		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrQax_Amp_f3		
	tgt_CDDInterface_Per1_RxMtrPos1ParityAcc		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCVSwitchADC_Cnt_u16	tgt_CDDInterface_Per1_SysCVSwitchADC_0	Cnt_u16	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCorrectedElecMtrPos_Rev_Inst_Sa_CDDInterface_Per1_SysCorrectedElecMtrPos_Rev_Inst_Sa_CDDInterface_Per1_SysCorrectedElecMtrPos_Rev_Inst_Sa_CDDInterface_Per1_SysCorrectedElecMtrPos_Rev_Inst_Sa_CDDInterface_Per1_SysCorrectedElecMtrPos_Rev_Inst_Sa_CDDInterface_Per1_SysCorrectedElecMtrPos_Rev_Inst_Sa_CDDInterface_Per1_SysCorrectedElecMtrPos_Rev_Inst_Sa_CDDInterface_Per1_SysCorrectedElecMtrPos_Rev_Inst_Sa_CDDInterface_Per1_SysCorrectedElecMtrPos_Rev_Inst_Sa_CDDInterface_Per1_SysCorrectedElecMtrPos_Rev_Inst_Sa_CDDInterface_Per1_SysCorrectedElecMtrPos_Rev_Inst_Sa_CDDInterface_Per1_SysCorrectedElecMtrPos_Rev_Inst_Sa_CDDInterface_Per1_SysCorrectedElecMtrPos_Rev_Inst_Sa_CDDInterface_Per1_SysCorrectedElecMtrPos_Rev_Inst_Sa_CDDInterface_Per1_SysCorrectedElecMtrPos_Rev_Inst_Sa_CDDInterface_Per1_SysCorrectedElecMtrPos_Rev_Inst_Sa_CDDInterface_Per1_SysCorrectedElecMtrPos_Rev_Inst_Sa_CDDInterface_Per1_SysCorrectedElecMtrPos_Sa_CDDInterface_P$	tgt_CDDInterface_Per1_SysCorrectedElecMi	rPos_Rev_f32	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_UncorrMechMtrPos1_Rev_u0p^{-}$	tgt_CDDInterface_Per1_UncorrMechMtrPos1	_Rev_u0p16	
Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	1	1	~
PXAccumPrev_Cnt_M_u32[0]	18256	18256	✓
PXAccumPrev_Cnt_M_u32[1]	18243	18243	~
PXAccumPrev_Cnt_M_u32[2]	18244	18244	~
target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	3083	3083 0.0155427996 ± 0.0625	✓
tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value	0.0155427996 0.0155427996	0.0155427996 ± 0.0625	J
tgt_CDDInterface_Per1_AbctwittCurr2_voits_i32.value	6229.27979	6229.27979	•
tgt_CDDInterface Per1 CorrectedElecMtrPosFloat Rev f32.value	0.600006104	0.600006104	_
tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value	39322	39322	✓
tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value	-0.013885498	-0.0139007568 ± 0.0625	•
tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value	230	230	✓
tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value	206	206	~
tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value	7688	7688	•
tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value	222	222	~
tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value	198	198	✓
tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value	5866	5866	~
tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value	1510	1510	•
tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value	254	254	~
tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value	270 12	270 12	<i>•</i>
tot CDDInterface Per1 MeasuredOnTimeA Cnt u32 value			-
tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tot CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value	11689	11689	
tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value			~
	11689 9333	11689 9333	V
tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value	11689 9333 536814092	11689 9333 536814092	\ \ \
tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value	11689 9333 536814092 6567	11689 9333 536814092 6567	***
tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value	11689 9333 536814092 6567 6108	11689 9333 536814092 6567 6108	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_ModIdxFinal_UIs_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32.value	11689 9333 536814092 6567 6108 0.124389648 -68.6399994 -87.8199997	11689 9333 536814092 6567 6108 0.124404907 ± 0.0625 -68.6399994 -87.8199997	
tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_ModIdxFinal_UIs_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value	11689 9333 536814092 6567 6108 0.124389648 -68.6399994 -87.8199997 75.5	11689 9333 536814092 6567 6108 0.124404907 ± 0.0625 -68.6399994 -87.8199997 75.5	
tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_ModldxFinal_UIs_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value	11689 9333 536814092 6567 6108 0.124389648 -68.6399994 -87.8199997 75.5	11689 9333 536814092 6567 6108 0.124404907 ± 0.0625 -68.6399994 -87.8199997 75.5 10.25	
tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_ModldxFinal_UIs_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrX2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value	11689 9333 536814092 6567 6108 0.124389648 -68.6399994 -87.8199997 75.5 10.25 -97.4800034	11689 9333 536814092 6567 6108 0.124404907 ± 0.0625 -68.6399994 -87.8199997 75.5 10.25 -97.4800034	· · · · · · · · · · · · · · · · · · ·
tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_ModIdxFinal_UIs_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrCaxFinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u16.value	11689 9333 536814092 6567 6108 0.124389648 -68.6399994 -87.8199997 75.5 10.25 -97.4800034 190	11689 9333 536814092 6567 6108 0.124404907 ± 0.0625 -68.6399994 -87.8199997 75.5 10.25 -97.4800034 190	· · · · · · · · · · · · · · · · · · ·
tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_ModIdxFinal_UIs_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrX2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value	11689 9333 536814092 6567 6108 0.124389648 -68.6399994 -87.8199997 75.5 10.25 -97.4800034	11689 9333 536814092 6567 6108 0.124404907 ± 0.0625 -68.6399994 -87.8199997 75.5 10.25 -97.4800034	



Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Resu
CDDPorts ClearPhsReasSum	1	CDDPorts ClearPhsReasSum	1	

Test Step 2.63 (Repeat Count = 1)	Innut Value
Name	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16	1 6350.27979
CDD_CorrMtrCurrPosition_Rev_G_f32[0] CDD CorrMtrCurrPosition Rev G f32[1]	9210.28027
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	0
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	40632
CDD_CumMechMtrPos_Rev_G_s15p16[0]	-530
DD_CumMechMtrPos_Rev_G_s15p16[1]	-537
DD_Die1RxError_Cnt_G_u16[0]	238
CDD_Die1RxError_Cnt_G_u16[1]	480
DD_Die1RxMtrPos_Cnt_G_u16[0]	5866
DD_Die1RxMtrPos_Cnt_G_u16[1]	8462
DD_Die1RxRevCtr_Cnt_G_u16[0]	222
DD_Die1RxRevCtr_Cnt_G_u16[1]	368
DD_Die2RxError_Cnt_G_u16[0]	230
DD_Die2RxError_Cnt_G_u16[1]	424
DD_Die2RxMtrPos_Cnt_G_u16[0]	206
DD_Die2RxMtrPos_Cnt_G_u16[1]	256
DD_Die2RxRevCtr_Cnt_G_u16[0]	7688
DD_Die2RxRevCtr_Cnt_G_u16[1]	9097
DD_MechMtrPos1TimeStamp_uSec_G_u32[0]	7688
DD_MechMtrPos1TimeStamp_uSec_G_u32[1]	9097
DD_MechMtrPos2TimeStamp_uSec_G_u32[0]	6229
DD_MechMtrPos2TimeStamp_uSec_G_u32[1]	9023
DD_ModIdxFinal_Uls_G_u16p16[0]	16161
DD_ModIdxFinal_Uls_G_u16p16[1]	16167
DD_MtrCurr1_Volts_G_f32[0]	1.01579762
DD_MtrCurr1_Volts_G_f32[1]	2.01579762
DD_MtrCurr2_Volts_G_f32[0]	1.01579762
CDD_MtrCurr2_Volts_G_f32[1]	2.01579762
CDD_MtrCurrDax_Amp_G_f32[0]	59.1399994
CDD_MtrCurrDax_Amp_G_f32[1] CDD_MtrCurrK1_Amps_G_f32[0]	71.3799973 70.8300018
CDD_MtrCurrK1_Amps_G_f32[1]	90.5599976
CDD_MtrCurrK2_Amps_G_f32[0]	50
CDD_MtrCurrK2_Amps_G_f32[1]	60
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	25.3600006
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	35.8899994
CDD_MtrCurrQax_Amp_G_f32[0]	-118.010002
DD_MtrCurrQax_Amp_G_f32[1]	-85.8000031
DD_PWMDutyCycleASum_Cnt_G_u32[0]	1631
DD_PWMDutyCycleASum_Cnt_G_u32[1]	1917
DD_PWMDutyCycleBSum_Cnt_G_u32[0]	262
DD_PWMDutyCycleBSum_Cnt_G_u32[1]	648
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	6567
DD_PWMDutyCycleCSum_Cnt_G_u32[1]	8910
DD_PhaseAdvFinal_Cnt_G_u16[0]	142
DD_PhaseAdvFinal_Cnt_G_u16[1]	158
DD_RxMtrPos1ParityAccum_Cnt_G_u16[0]	198
DD_RxMtrPos1ParityAccum_Cnt_G_u16[1]	200
DD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[0]	6229
DD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[1]	9023
DD_SysCVSwitchADC_Cnt_G_u16[0]	254
DD_SysCVSwitchADC_Cnt_G_u16[1]	592
DD_SysCorrectedElecMtrPos_Rev_G_u0p16[0]	0
DD_SysCorrectedElecMtrPos_Rev_G_u0p16[1]	0
DD_UncorrMechMtrPos1_Rev_G_u0p16[0]	0
DD_UncorrMechMtrPos1_Rev_G_u0p16[1]	35389
XAccumPrev_Cnt_M_u32[0]	7688
XAccumPrev_Cnt_M_u32[1]	9097
PXAccumPrev_Cnt_M_u32[2]	76289
Rte_Inst_Sa_CDDInterface	tgt_Rte_Inst_Sa_CDDInterface
HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	846061
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	145956
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	645963

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Name	Input Value		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr1_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_	_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr2_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_	_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32	tgt_CDDInterface_Per1_CorrMtrCurrPosition_	_Rev_f32	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPosFloat_Revenue and the property of the prop$	tgt_CDDInterface_Per1_CorrectedElecMtrPo	sFloat_Rev_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p	tgt_CDDInterface_Per1_CorrectedElecMtrPo	s_Rev_u0p16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CumMechMtrPos_Rev_f32	tgt_CDDInterface_Per1_CumMechMtrPos_R	ev_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxError_Cnt_u16	tgt_CDDInterface_Per1_Die1RxError_Cnt_u1	16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_	target_CDDInterface_Per1_Die1UnderVoltgF	ItAccum_Cnt_u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxMtrPos_Cnt_u16	tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxRevCtr_Cnt_u16	tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxError_Cnt_u16	tgt_CDDInterface_Per1_Die2RxError_Cnt_u1		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxMtrPos_Cnt_u16	tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxRevCtr_Cnt_u16	tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeA_	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeB_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeC_	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_LRPRPhaseadvanceCaptured_	tgt_CDDInterface_Per1_LRPRPhaseadvance		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeA_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeB_	-	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeC_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MechMtrPos1TimeStamp_USe	tgt_CDDInterface_Per1_MechMtrPos1TimeS	tamp_USec_u32	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MechMtrPos2TimeStamp_USe$	tgt_CDDInterface_Per1_MechMtrPos2TimeS	tamp_USec_u32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ModIdxFinal_Uls_f32	tgt_CDDInterface_Per1_ModIdxFinal_Uls_f32	2	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrDax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrDax_Amp_f3	2	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK1_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK2_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32	tgt_CDDInterface_Per1_MtrCurrQaxFinalRef	_Amp_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQax_Amp_f32	tgt CDDInterface Per1 MtrCurrQax Amp f3		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u	tgt_CDDInterface_Per1_RxMtrPos1ParityAcc		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCVSwitchADC_Cnt_u16	tgt_CDDInterface_Per1_SysCVSwitchADC_0		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCorrectedElecMtrPos_Rev_	tgt_CDDInterface_Per1_SysCorrectedElecMt	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_UncorrMechMtrPos1_Rev_u0p	tgt_CDDInterface_Per1_UncorrMechMtrPos1		
			D14
Name	Actual Value	Expected Value	Result
		_	
CDD_CDDDataAccessBfr_Cnt_G_u16	0	0	•
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0]	105757	105757	V
CDD_CDDDataAccessBfr_Cnt_G_u16	105757 18244	105757 18244	~
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0]	105757	105757	
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1]	105757 18244	105757 18244	٠ ٧
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2]	105757 18244 80745	105757 18244 80745	~
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	105757 18244 80745 9023	105757 18244 80745 9023	٠ ٧
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value	105757 18244 80745 9023 2.01579762	105757 18244 80745 9023 2.01579762 ± 0.0625	· · ·
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value	105757 18244 80745 9023 2.01579762 2.01579762	105757 18244 80745 9023 2.01579762 ± 0.0625 2.01579762 ± 0.0625	· · · · · · · · · · · · · · · · · · ·
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CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeS_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeS_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_FinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_FinalRef_Amp_f32.value	105757 18244 80745 9023 2.01579762 2.01579762 9210.28027 0.619995117 40632 -0.00819396973 480 8462 368 424 256 9097 1917 648 8910 14 98069 9147 4456 9097 9023 0.246688843 71.3799973 90.5599976 60 35.8899994 -85.8000031	105757 18244 80745 9023 2.01579762 ± 0.0625 2.01579762 ± 0.0625 9210.28027 0.619995117 40632 -0.00819396973 ± 0.0625 480 8462 368 424 256 9097 1917 648 8910 14 98069 9147 4456 9097 9023 0.246704102 ± 0.0625 71.3799973 90.5599976 60 35.8899994 -85.8000031	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MecMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MecMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MecMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value	105757 18244 80745 9023 2.01579762 2.01579762 9210.28027 0.619995117 40632 -0.00819396973 480 8462 368 424 256 9097 1917 648 8910 14 98069 9147 4456 9097 9023 0.246688843 71.3799973 90.5599976 60 35.8899994 -85.8000031 200	105757 18244 80745 9023 2.01579762 ± 0.0625 2.01579762 ± 0.0625 9210.28027 0.619995117 40632 -0.00819396973 ± 0.0625 480 8462 368 424 256 9097 1917 648 8910 14 98069 9147 4456 9097 9023 0.246704102 ± 0.0625 71.3799973 90.5599976 60 35.8899994 -85.8000031 200 592	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeS_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeS_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_FinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_FinalRef_Amp_f32.value	105757 18244 80745 9023 2.01579762 2.01579762 9210.28027 0.619995117 40632 -0.00819396973 480 8462 368 424 256 9097 1917 648 8910 14 98069 9147 4456 9097 9023 0.246688843 71.3799973 90.5599976 60 35.8899994 -85.8000031 200 592	105757 18244 80745 9023 2.01579762 ± 0.0625 2.01579762 ± 0.0625 9210.28027 0.619995117 40632 -0.00819396973 ± 0.0625 480 8462 368 424 256 9097 1917 648 8910 14 98069 9147 4456 9097 9023 0.246704102 ± 0.0625 71.3799973 90.5599976 60 35.8899994 -85.8000031 200	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \



Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
CDDPorts_ClearPhsReasSum	1	CDDPorts_ClearPhsReasSum	1	~

Test Step 2.64 (Repeat Count = 1)	✓
Name	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16	1
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	5019.52002
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	7153.8501
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	40632
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	41288
CDD_CumMechMtrPos_Rev_G_s15p16[0]	655
CDD_CumMechMtrPos_Rev_G_s15p16[1]	1310
CDD_Die1RxError_Cnt_G_u16[0]	2962
CDD_Die1RxError_Cnt_G_u16[1]	3974
CDD_Die1RxMtrPos_Cnt_G_u16[0] CDD_Die1RxMtrPos_Cnt_G_u16[1]	7688 9097
CDD_Die1RxRevCtr_Cnt_G_u16[0]	230
CDD_Die1RxRevCtr_Cnt_G_u16[1]	424
CDD_Die2RxError_Cnt_G_u16[0]	238
CDD_Die2RxError_Cnt_G_u16[1]	480
CDD_Die2RxMtrPos_Cnt_G_u16[0]	5866
CDD_Die2RxMtrPos_Cnt_G_u16[1]	8462
CDD_Die2RxRevCtr_Cnt_G_u16[0]	222
CDD_Die2RxRevCtr_Cnt_G_u16[1]	368
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	4656
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	6592
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0]	6350
CDD_MechMtrPos2TimeStamp_uSec_G_u32[1]	9210
CDD_ModIdxFinal_Uls_G_u16p16[0]	20532
CDD_ModIdxFinal_Uls_G_u16p16[1] CDD MtrCurr1 Volts G f32[0]	20538 1.01605237
CDD_MtrCurr1_volts_G_f32[1]	2.01605248
CDD_MtrCurr2_Volts_G_f32[0]	1.01605237
CDD_MtrCurr2_Volts_G_f32[1]	2.01605248
CDD_MtrCurrDax_Amp_G_f32[0]	60.8100014
CDD_MtrCurrDax_Amp_G_f32[1]	74.1200027
CDD_MtrCurrK1_Amps_G_f32[0]	72.5
CDD_MtrCurrK1_Amps_G_f32[1]	93.2900009
CDD_MtrCurrK2_Amps_G_f32[0]	55.7999992
CDD_MtrCurrK2_Amps_G_f32[1]	65.9000015
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	40.4700012
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	56.4199982
CDD_MtrCurrQax_Amp_G_f32[0]	100.910004
CDD_MtrCurrQax_Amp_G_f32[1]	138.539993
CDD_PWMDutyCycleASum_Cnt_G_u32[0]	1752
CDD_PWMDutyCycleASum_Cnt_G_u32[1] CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	2104 270
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	704
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	7688
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	9097
CDD_PhaseAdvFinal_Cnt_G_u16[0]	150
CDD_PhaseAdvFinal_Cnt_G_u16[1]	159
CDD_RxMtrPos1ParityAccum_Cnt_G_u16[0]	206
CDD_RxMtrPos1ParityAccum_Cnt_G_u16[1]	256
CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[0]	6350
CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[1]	9210
CDD_SysCVSwitchADC_Cnt_G_u16[0]	262
CDD_SysCVSwitchADC_Cnt_G_u16[1]	648
CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[0]	65534
CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[1]	65534
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	0
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	41943
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1]	5382 7714
PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2]	60364
Rte_Inst_Sa_CDDInterface	tgt_Rte_Inst_Sa_CDDInterface
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	545942
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	645963
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	145970

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Name	Input Value		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr1_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr2_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_	_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32	tgt_CDDInterface_Per1_CorrMtrCurrPosition_	_Rev_f32	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPosFloat_Revenue and the property of the prop$	tgt_CDDInterface_Per1_CorrectedElecMtrPo	sFloat_Rev_f32	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0ptores and the property of the prop$	tgt_CDDInterface_Per1_CorrectedElecMtrPo	s_Rev_u0p16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CumMechMtrPos_Rev_f32	tgt_CDDInterface_Per1_CumMechMtrPos_Re	ev_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxError_Cnt_u16	tgt_CDDInterface_Per1_Die1RxError_Cnt_u1	16	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_Interface_Per1_Die1UnderVoltgFltAccum_$	target_CDDInterface_Per1_Die1UnderVoltgF	ItAccum_Cnt_u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxMtrPos_Cnt_u16	tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_	u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxRevCtr_Cnt_u16	tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_	u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxError_Cnt_u16	tgt_CDDInterface_Per1_Die2RxError_Cnt_u1	16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxMtrPos_Cnt_u16	tgt CDDInterface Per1 Die2RxMtrPos Cnt	u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxRevCtr_Cnt_u16	tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_	u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeA_0		
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 ExpectedOnTimeB Cnt u32	tgt_CDDInterface_Per1_ExpectedOnTimeB_0		
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 ExpectedOnTimeC Cnt u32	tgt CDDInterface Per1 ExpectedOnTimeC		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_LRPRPhaseadvanceCaptured_	tgt_CDDInterface_Per1_LRPRPhaseadvance	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeA_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32	tgt CDDInterface Per1 MeasuredOnTimeB	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeC_	-	
	tgt CDDInterface Per1 MechMtrPos1TimeS		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MechMtrPos1TimeStamp_USe		·	
		. – –	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ModIdxFinal_UIs_f32	tgt_CDDInterface_Per1_ModIdxFinal_UIs_f32		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrDax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrDax_Amp_f3		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK1_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK2_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32	tgt_CDDInterface_Per1_MtrCurrQaxFinalRef		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrQax_Amp_f3		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u	tgt_CDDInterface_Per1_RxMtrPos1ParityAcc	cum_Cnt_u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCVSwitchADC_Cnt_u16	tgt_CDDInterface_Per1_SysCVSwitchADC_0	Cnt_u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCorrectedElecMtrPos_Rev_	tgt_CDDInterface_Per1_SysCorrectedElecMt	rPos_Rev_f32	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_UncorrMechMtrPos1_Rev_u0p^-$	tgt_CDDInterface_Per1_UncorrMechMtrPos1	_Rev_u0p16	
Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	0	0	~
PXAccumPrev_Cnt_M_u32[0]	68242	68242	~
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1]	68242 80745	68242 80745	V
PXAccumPrev_Cnt_M_u32[1]	80745	80745	~
PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2]	80745 18246	80745 18246	v
PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	80745 18246 9210	80745 18246 9210	\rightarrow \right
PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value	80745 18246 9210 2.01605248	80745 18246 9210 2.01605248 ± 0.0625	\ \ \ \ \ \ \ \ \
PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value	80745 18246 9210 2.01605248 2.01605248 7153.8501	80745 18246 9210 2.01605248 ± 0.0625 2.01605248 ± 0.0625	\rightarrow \right
PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value	80745 18246 9210 2.01605248 2.01605248 7153.8501 0.630004883	80745 18246 9210 2.01605248 ± 0.0625 2.01605248 ± 0.0625 7153.8501 0.630004883	· · · · · · · · · · · · · · · · · · ·
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Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
CDDPorts_ClearPhsReasSum	1	CDDPorts_ClearPhsReasSum	1	~

Test Step 2.65 (Repeat Count = 1)	→
Name	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16	0
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	5140.81006
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	7340.52002
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	0
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	41943
CDD_CumMechMtrPos_Rev_G_s15p16[0]	-1966
CDD_CumMechMtrPos_Rev_G_s15p16[1]	-2621
CDD_Die1RxError_Cnt_G_u16[0] CDD_Die1RxError_Cnt_G_u16[1]	3083 4161
CDD_Die1RxMtrPos_Cnt_G_u16[0]	222
CDD_Die1RxMtrPos_Cnt_G_u16[1]	368
CDD_Die1RxRevCtr_Cnt_G_u16[0]	238
CDD_Die1RxRevCtr_Cnt_G_u16[1]	480
CDD_Die2RxError_Cnt_G_u16[0]	2962
CDD_Die2RxError_Cnt_G_u16[1]	3974
CDD_Die2RxMtrPos_Cnt_G_u16[0]	7688
CDD_Die2RxMtrPos_Cnt_G_u16[1]	9097
CDD_Die2RxRevCtr_Cnt_G_u16[0]	230
CDD_Die2RxRevCtr_Cnt_G_u16[1]	424
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	270
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	704
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0]	214
CDD_MechMtrPos2TimeStamp_uSec_G_u32[1]	312
CDD_ModldxFinal_Uls_G_u16p16[0]	27007
CDD_ModIdxFinal_Uls_G_u16p16[1]	27013
CDD_MtrCurr1_Volts_G_f32[0]	2.01630712
CDD_MtrCurr1_Volts_G_f32[1]	1.01630723
CDD_MtrCurr2_Volts_G_f32[0]	2.01630712
CDD_MtrCurr2_Volts_G_f32[1]	1.01630723 -76.8600006
CDD_MtrCurrDax_Amp_G_f32[0] CDD_MtrCurrDax_Amp_G_f32[1]	-62.4799995
CDD_MtrCurrK1_Amps_G_f32[0]	74.1699982
CDD_MtrCurrK1_Amps_G_f32[1]	96.0390015
CDD_MtrCurrK2_Amps_G_f32[0]	-68.6399994
CDD_MtrCurrK2_Amps_G_f32[1]	-57.4700012
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	55.5800018
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	76.9499969
CDD_MtrCurrQax_Amp_G_f32[0]	116.019997
CDD_MtrCurrQax_Amp_G_f32[1]	159.070007
CDD_PWMDutyCycleASum_Cnt_G_u32[0]	1873
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	2291
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	278
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	760
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	4656
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	6592
CDD_PhaseAdvFinal_Cnt_G_u16[0]	158
CDD_PhaseAdvFinal_Cnt_G_u16[1] CDD RxMtrPos1ParityAccum Cnt G u16[0]	160 5866
CDD RxMtrPos1ParityAccum Cnt G u16[1]	8462
CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[0]	214
CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[1]	312
CDD_SysCVSwitchADC_Cnt_G_u16[0]	270
CDD_SysCVSwitchADC_Cnt_G_u16[1]	704
CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[0]	0
CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[1]	47841
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	0
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	42598
PXAccumPrev_Cnt_M_u32[0]	5503
PXAccumPrev_Cnt_M_u32[1]	7901
PXAccumPrev_Cnt_M_u32[2]	61589
Rte_Inst_Sa_CDDInterface	tgt_Rte_Inst_Sa_CDDInterface
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	145949
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	145970
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	145977

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Name	Input Value		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr1_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr1_Volts	_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr2_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr2_Volts	_f32	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32$	tgt_CDDInterface_Per1_CorrMtrCurrPosition	_Rev_f32	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPosFloat_Revenue and the property of the prop$			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CumMechMtrPos_Rev_f32	tgt_CDDInterface_Per1_CumMechMtrPos_R	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxError_Cnt_u16 tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_	tgt_CDDInterface_Per1_Die1RxError_Cnt_u' target_CDDInterface_Per1_Die1UnderVoltgF		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxMtrPos_Cnt_u16	tgt CDDInterface Per1 Die1RxMtrPos Cnt		
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 Die1RxRevCtr Cnt u16	tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxError_Cnt_u16	tgt_CDDInterface_Per1_Die2RxError_Cnt_u		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxMtrPos_Cnt_u16	tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_	_u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxRevCtr_Cnt_u16	tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_	<u>u</u> 16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeA_	Cnt_u32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeB_	· -	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeC_	-	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_LRPRPhaseadvanceCaptured_	tgt_CDDInterface_Per1_LRPRPhaseadvance		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeA_	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32 tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeB_ tgt_CDDInterface_Per1_MeasuredOnTimeC_		
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 MechMtrPos1TimeStamp USe			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MechMtrPos2TimeStamp_USe			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ModIdxFinal_UIs_f32	tgt_CDDInterface_Per1_ModIdxFinal_Uls_f3:		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrDax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrDax_Amp_f3		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK1_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32	2	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK2_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32	2	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32$	tgt_CDDInterface_Per1_MtrCurrQaxFinalRef	_Amp_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrQax_Amp_f3		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCVSwitchADC_Cnt_u16	tgt_CDDInterface_Per1_SysCVSwitchADC_0	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCorrectedElecMtrPos_Rev_	tgt_CDDInterface_Per1_SysCorrectedElecMi		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_UncorrMechMtrPos1_Rev_u0p	tgt_CDDInterface_Per1_UncorrMechMtrPos1 Actual Value	Expected Value	Result
Name CDD_CDDDataAccessBfr_Cnt_G_u16	1	1	Kesuit
PXAccumPrev Cnt M u32[0]	18243	18243	-
PXAccumPrev_Cnt_M_u32[1]	18246	18246	
PXAccumPrev_Cnt_M_u32[2]	18247	18247	~
			-
PXAccumPrev_Cnt_M_u32[2]	18247	18247	-
PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	18247 214	18247 214	~
PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value	18247 214 2.01630712 2.01630712 5140.81006	18247 214 2.01630712 ± 0.0625 2.01630712 ± 0.0625 5140.81006	· · · · · · · · · · · · · · · · · · ·
PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value	18247 214 2.01630712 2.01630712 5140.81006 0	18247 214 2.01630712 ± 0.0625 2.01630712 ± 0.0625 5140.81006	· · · · · · · · · · · · · · · · · · ·
PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value	18247 214 2.01630712 2.01630712 5140.81006 0	18247 214 2.01630712 ± 0.0625 2.01630712 ± 0.0625 5140.81006 0	· · · · · · · · · · · · · · · · · · ·
PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CurrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CurrectedElecMtrPos_Rev_f32.value	18247 214 2.01630712 2.01630712 5140.81006 0 0 -0.0299987793	18247 214 2.01630712 ± 0.0625 2.01630712 ± 0.0625 5140.81006 0 0 -0.0299987793 ± 0.0625	· · · · · · · · · · · · · · · · · · ·
PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value	18247 214 2.01630712 2.01630712 5140.81006 0 0 -0.0299987793 3083	18247 214 2.01630712 ± 0.0625 2.01630712 ± 0.0625 5140.81006 0 0 -0.0299987793 ± 0.0625 3083	· · · · · · · · · · · · · · · · · · ·
PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value	18247 214 2.01630712 2.01630712 5140.81006 0 0 -0.0299987793 3083 222	18247 214 2.01630712 ± 0.0625 2.01630712 ± 0.0625 5140.81006 0 0 -0.0299987793 ± 0.0625 3083 222	· · · · · · · · · · · · · · · · · · ·
PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value	18247 214 2.01630712 2.01630712 5140.81006 0 0 -0.0299987793 3083 222 238	18247 214 2.01630712 ± 0.0625 2.01630712 ± 0.0625 5140.81006 0 0 -0.0299987793 ± 0.0625 3083 222 238	· · · · · · · · · · · · · · · · · · ·
PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value	18247 214 2.01630712 2.01630712 5140.81006 0 0 -0.0299987793 3083 222	18247 214 2.01630712 ± 0.0625 2.01630712 ± 0.0625 5140.81006 0 0 -0.0299987793 ± 0.0625 3083 222	· · · · · · · · · · · · · · · · · · ·
PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value	18247 214 2.01630712 2.01630712 5140.81006 0 0 -0.0299987793 3083 222 238 2962	18247 214 2.01630712 ± 0.0625 2.01630712 ± 0.0625 5140.81006 0 0 -0.0299987793 ± 0.0625 3083 222 238 2962	***************************************
PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value	18247 214 2.01630712 2.01630712 5140.81006 0 0 -0.0299987793 3083 222 238 2962 7688	18247 214 2.01630712 ± 0.0625 2.01630712 ± 0.0625 5140.81006 0 0 -0.0299987793 ± 0.0625 3083 222 238 2962 7688	· · · · · · · · · · · · · · · · · · ·
PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value	18247 214 2.01630712 2.01630712 5140.81006 0 0 -0.0299987793 3083 222 238 2962 7688 230	18247 214 2.01630712 ± 0.0625 2.01630712 ± 0.0625 5140.81006 0 0 -0.0299987793 ± 0.0625 3083 222 238 2962 7688 230	***************************************
PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value	18247 214 2.01630712 2.01630712 5140.81006 0 0 -0.0299987793 3083 222 238 2962 7688 230 1873 278 4656	18247 214 2.01630712 ± 0.0625 2.01630712 ± 0.0625 5140.81006 0 0 -0.0299987793 ± 0.0625 3083 222 238 2962 7688 230 1873 278 4656	· · · · · · · · · · · · · · · · · · ·
PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CurnMechMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value	18247 214 2.01630712 2.01630712 5140.81006 0 0 -0.0299987793 3083 222 238 2962 7688 230 1873 278 4656	18247 214 2.01630712 ± 0.0625 2.01630712 ± 0.0625 5140.81006 0 0 -0.0299987793 ± 0.0625 3083 222 238 2962 7688 230 1873 278 4656	· · · · · · · · · · · · · · · · · · ·
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PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value	18247 214 2.01630712 2.01630712 5140.81006 0 0 -0.0299987793 3083 222 238 2962 7688 230 1873 278 4656 14 12740 10345 536827570 270 214 0.412094116 -76.8600006	18247 214 2.01630712 ± 0.0625 2.01630712 ± 0.0625 5140.81006 0 0 -0.0299987793 ± 0.0625 3083 222 238 2962 7688 230 1873 278 4656 14 12740 10345 536827570 270 214 0.412094116 ± 0.0625 -76.8600006	· · · · · · · · · · · · · · · · · · ·
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Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
CDDPorts_ClearPhsReasSum	1	CDDPorts_ClearPhsReasSum	1	~

Test Step 2.66 (Repeat Count = 1)	Immust Value
Name CDD_CDDDataAccessBfr_Cnt_G_u16	Input Value
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	5261.41016
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	7527.8501
CDD CorrectedElecMtrPos Rev G u0p16[0]	0
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	42598
CDD_CumMechMtrPos_Rev_G_s15p16[0]	3276
CDD_CumMechMtrPos_Rev_G_s15p16[1]	3932
CDD_Die1RxError_Cnt_G_u16[0]	3204
CDD_Die1RxError_Cnt_G_u16[1]	4348
CDD_Die1RxMtrPos_Cnt_G_u16[0]	230
CDD_Die1RxMtrPos_Cnt_G_u16[1]	424
CDD_Die1RxRevCtr_Cnt_G_u16[0]	2962
CDD_Die1RxRevCtr_Cnt_G_u16[1]	3974
CDD_Die2RxError_Cnt_G_u16[0]	3083 4161
CDD_Die2RxError_Cnt_G_u16[1] CDD_Die2RxMtrPos_Cnt_G_u16[0]	222
CDD_Die2RxMtrPos_Cnt_G_u16[1]	368
CDD_Die2RxRevCtr_Cnt_G_u16[0]	238
CDD Die2RxRevCtr Cnt G u16[1]	480
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	0
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	0
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0]	4656
CDD_MechMtrPos2TimeStamp_uSec_G_u32[1]	6592
CDD_ModIdxFinal_Uls_G_u16p16[0]	34347
CDD_ModldxFinal_Uls_G_u16p16[1]	34353
CDD_MtrCurr1_Volts_G_f32[0]	2.01656199
CDD_MtrCurr1_Volts_G_f32[1]	1.01656199
CDD_MtrCurr2_Volts_G_f32[0]	1.01656199
CDD_MtrCurr2_Volts_G_f32[1]	2.01656199
CDD_MtrCurrDax_Amp_G_f32[0]	64.1500015
CDD_MtrCurrDax_Amp_G_f32[1] CDD_MtrCurrK1_Amps_G_f32[0]	79.5999985 -74
CDD_MtrCurrK1_Amps_G_f32[1]	-64
CDD_MtrCurrK2_Amps_G_f32[0]	59.1399994
CDD_MtrCurrK2_Amps_G_f32[1]	71.3799973
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	-97.4800034
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	-70.6900024
CDD_MtrCurrQax_Amp_G_f32[0]	131.130005
CDD_MtrCurrQax_Amp_G_f32[1]	179.600006
CDD_PWMDutyCycleASum_Cnt_G_u32[0]	1994
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	2478
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	286
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	816
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	4777
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	6779
CDD_PhaseAdvFinal_Cnt_G_u16[0]	166
CDD_PhaseAdvFinal_Cnt_G_u16[1] CDD RxMtrPos1ParityAccum Cnt G u16[0]	168 7688
CDD_RxMtrPos1ParityAccum_Cnt_G_u16[0] CDD_RxMtrPos1ParityAccum_Cnt_G_u16[1]	9097
CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[0]	222
CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[1]	368
CDD_SysCVSwitchADC_Cnt_G_u16[0]	6567
CDD_SysCVSwitchADC_Cnt_G_u16[1]	8910
CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[0]	42598
CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[1]	43254
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	42598
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	43254
PXAccumPrev_Cnt_M_u32[0]	5624
PXAccumPrev_Cnt_M_u32[1]	8088
PXAccumPrev_Cnt_M_u32[2]	62814
Rte_Inst_Sa_CDDInterface	tgt_Rte_Inst_Sa_CDDInterface
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	145956
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	145977
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	845984

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Name	Input Value		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr1_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr1_Volts	_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr2_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr2_Volts	_f32	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32$	tgt_CDDInterface_Per1_CorrMtrCurrPosition	_Rev_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CumMechMtrPos_Rev_f32	tgt_CDDInterface_Per1_CumMechMtrPos_R	-	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxError_Cnt_u16 tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_	tgt_CDDInterface_Per1_Die1RxError_Cnt_u' target_CDDInterface_Per1_Die1UnderVoltgF		
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 Die1RxMtrPos Cnt u16	tgt CDDInterface Per1 Die1RxMtrPos Cnt		
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 Die1RxRevCtr Cnt u16	tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxError_Cnt_u16	tgt_CDDInterface_Per1_Die2RxError_Cnt_u^		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxMtrPos_Cnt_u16	tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_	_u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxRevCtr_Cnt_u16	tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_	<u>u</u> 16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeA_	Cnt_u32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeB_	Cnt_u32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeC_	-	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_LRPRPhaseadvanceCaptured_	tgt_CDDInterface_Per1_LRPRPhaseadvance		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeA_	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32 tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeB_ tgt_CDDInterface_Per1_MeasuredOnTimeC	-	
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 MechMtrPos1TimeStamp USe		_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MechMtrPos2TimeStamp_USe			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ModIdxFinal_UIs_f32	tgt_CDDInterface_Per1_ModIdxFinal_Uls_f3:		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrDax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrDax_Amp_f3		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK1_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32	2	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK2_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32	2	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32$	tgt_CDDInterface_Per1_MtrCurrQaxFinalRef	_Amp_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrQax_Amp_f3	32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCVSwitchADC_Cnt_u16	tgt_CDDInterface_Per1_SysCVSwitchADC_0	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCorrectedElecMtrPos_Rev_	tgt_CDDInterface_Per1_SysCorrectedElecMi		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_UncorrMechMtrPos1_Rev_u0p	tgt_CDDInterface_Per1_UncorrMechMtrPos1 Actual Value		Danulé
Name CDD_CDDDataAccessBfr_Cnt_G_u16	0	Expected Value	Result
	18244		
EARCHITIPIEV UIT WELLSZILL			
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1]		18244 18247	
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2]	18247 105748	18244 18247 105748	
PXAccumPrev_Cnt_M_u32[1]	18247	18247	~
PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2]	18247 105748	18247 105748	~
PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	18247 105748 368	18247 105748 368	· · · · · · · · · · · · · · · · · · ·
PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value	18247 105748 368 1.01656199 2.01656199 7527.8501	18247 105748 368 1.01656199 ± 0.0625 2.01656199 ± 0.0625 7527.8501	· · · · · · · · · · · · · · · · · · ·
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PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value	18247 105748 368 1.01656199 2.01656199 7527.8501 0.649993896 42598	18247 105748 368 1.01656199 ± 0.0625 2.01656199 ± 0.0625 7527.8501 0.649993896 42598	· · · · · · · · · · · · · · · · · · ·
PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CurrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CurrectedElecMtrPos_Rev_f32.value	18247 105748 368 1.01656199 2.01656199 7527.8501 0.649993896 42598 0.0599975586	18247 105748 368 1.01656199 ± 0.0625 2.01656199 ± 0.0625 7527.8501 0.649993896 42598 0.0599975586 ± 0.0625	· · · · · · · · · · · · · · · · · · ·
PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value	18247 105748 368 1.01656199 2.01656199 7527.8501 0.649993896 42598 0.0599975586 4348	18247 105748 368 1.01656199 ± 0.0625 2.01656199 ± 0.0625 7527.8501 0.649993896 42598 0.0599975586 ± 0.0625 4348	· · · · · · · · · · · · · · · · · · ·
PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value	18247 105748 368 1.01656199 2.01656199 7527.8501 0.649993896 42598 0.0599975586 4348	18247 105748 368 1.01656199 ± 0.0625 2.01656199 ± 0.0625 7527.8501 0.649993896 42598 0.0599975586 ± 0.0625 4348 424	· · · · · · · · · · · · · · · · · · ·
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PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CurmMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRervCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_RepRehaseadvanceCaptured_Cnt_s16.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value	18247 105748 368 1.01656199 2.01656199 7527.8501 0.649993896 42598 0.0599975586 4348 424 3974 4161 368 480 2478 816 6779 15 12620 10159 42934 0 6592 0.524185181 79.5999985	18247 105748 368 1.01656199 ± 0.0625 2.01656199 ± 0.0625 7527.8501 0.649993896 42598 0.0599975586 ± 0.0625 4348 424 3974 4161 368 480 2478 816 6779 15 12620 10159 42934 0 6592 0.524200439 ± 0.0625 79.5999985	> > > > > > > > > > > > > > > > > > >
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PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MchMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MchMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value	18247 105748 368 1.01656199 2.01656199 7527.8501 0.649993896 42598 0.0599975586 4348 424 3974 4161 368 480 2478 816 6779 15 12620 10159 42934 0 6592 0.524185181 79.5999985 -64 71.3799973	18247 105748 368 1.01656199 ± 0.0625 2.01656199 ± 0.0625 7527.8501 0.649993896 42598 0.0599975586 ± 0.0625 4348 424 3974 4161 368 480 2478 816 6779 15 12620 10159 42934 0 6592 0.524200439 ± 0.0625 79.5999985 -64 71.3799973	> > > > > > > > > > > > > > > > > > >
PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeS_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeS_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value	18247 105748 368 1.01656199 2.01656199 7527.8501 0.649993896 42598 0.0599975586 4348 424 3974 4161 368 480 2478 816 6779 15 15 12620 10159 42934 0 6592 0.524185181 79.5999985 -64 71.3799973 -70.6900024 179.600006 9097	18247 105748 368 1.01656199 ± 0.0625 2.01656199 ± 0.0625 7527.8501 0.649993896 42598 0.0599975586 ± 0.0625 4348 424 3974 4161 368 480 2478 816 6779 15 12620 10159 42934 0 6592 0.524200439 ± 0.0625 79.5999985 -64 71.3799973 -70.6900024 179.600006 9097	> > > > > > > > > > > > > > > > > > >
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Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
CDDPorts_ClearPhsReasSum	1	CDDPorts_ClearPhsReasSum	1	~

Test Step 2.67 (Repeat Count = 1)	·
Name	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16	1
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	5382.41016
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	7714.52002
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	42598
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	43254
CDD_CumMechMtrPos_Rev_G_s15p16[0]	-4587
CDD_CumMechMtrPos_Rev_G_s15p16[1]	-5242
CDD_Die1RxError_Cnt_G_u16[0]	3325
CDD_Die1RxError_Cnt_G_u16[1] CDD_Die1RxMtrPos_Cnt_G_u16[0]	4535 238
CDD_Die1RxMtrPos_Cnt_G_u16[1]	480
CDD_Die1RxRevCtr_Cnt_G_u16[0]	3083
CDD_Die1RxRevCtr_Cnt_G_u16[1]	4161
CDD_Die2RxError_Cnt_G_u16[0]	3204
CDD_Die2RxError_Cnt_G_u16[1]	4348
CDD_Die2RxMtrPos_Cnt_G_u16[0]	230
CDD_Die2RxMtrPos_Cnt_G_u16[1]	424
CDD_Die2RxRevCtr_Cnt_G_u16[0]	2962
CDD_Die2RxRevCtr_Cnt_G_u16[1]	3974
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	4294967295
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	4294967295
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0]	254 592
CDD_MechMtrPos2TimeStamp_uSec_G_u32[1] CDD_ModldxFinal_Uls_G_u16p16[0]	10885
CDD_ModIdxFinal_Uls_G_u16p16[1]	10892
CDD MtrCurr1 Volts G f32[0]	2.01681685
CDD_MtrCurr1_Volts_G_f32[1]	4.01681662
CDD_MtrCurr2_Volts_G_f32[0]	2.01681685
CDD_MtrCurr2_Volts_G_f32[1]	4.01681662
CDD_MtrCurrDax_Amp_G_f32[0]	65.8199997
CDD_MtrCurrDax_Amp_G_f32[1]	82.3399963
CDD_MtrCurrK1_Amps_G_f32[0]	75.5
CDD_MtrCurrK1_Amps_G_f32[1]	83.8000031
CDD_MtrCurrK2_Amps_G_f32[0]	60.8100014
CDD_MtrCurrK2_Amps_G_f32[1]	74.1200027
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0] CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	-118.010002 -85.8000031
CDD_MtrCurrQax_Amp_G_f32[0]	-200.130005
CDD_MtrCurrQax_Amp_G_f32[1]	-146.240005
CDD PWMDutyCycleASum Cnt G u32[0]	2115
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	2665
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	3204
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	4348
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	4898
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	6966
CDD_PhaseAdvFinal_Cnt_G_u16[0]	174
CDD_PhaseAdvFinal_Cnt_G_u16[1]	176
CDD_RxMtrPos1ParityAccum_Cnt_G_u16[0]	222
CDD_RxMtrPos1ParityAccum_Cnt_G_u16[1] CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[0]	368 230
CDD_RxMtrPos1UnderVoltgFitAccum_Cnt_u16[1]	424
CDD SysCVSwitchADC Cnt G u16[0]	7688
CDD SysCVSwitchADC Cnt G u16[1]	9097
CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[0]	0
CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[1]	43909
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	0
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	43909
PXAccumPrev_Cnt_M_u32[0]	2357
PXAccumPrev_Cnt_M_u32[1]	3039
PXAccumPrev_Cnt_M_u32[2]	77514
Rte_Inst_Sa_CDDInterface	tgt_Rte_Inst_Sa_CDDInterface
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	645963 845984
e_HETPROGRAMI_UN.Program1_ST.P2ACC_1.memory.data_word e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	145991
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Name	Input Value		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr1_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr1_Volts	f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr2_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr2_Volts		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32	tgt_CDDInterface_Per1_CorrMtrCurrPosition		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPosFloat_Re			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0			
tqt Rte Inst Sa CDDInterface.CDDInterface Per1 CumMechMtrPos Rev f32	tgt CDDInterface Per1 CumMechMtrPos R		
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 Die1RxError Cnt u16	tgt_CDDInterface_Per1_Die1RxError_Cnt_u	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_	target_CDDInterface_Per1_Die1UnderVoltgF		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxMtrPos_Cnt_u16	tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxRevCtr_Cnt_u16	tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_		
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 Die2RxError Cnt u16	tgt_CDDInterface_Per1_Die2RxError_Cnt_u^		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxMtrPos_Cnt_u16	tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_		
tqt Rte Inst Sa CDDInterface.CDDInterface Per1 Die2RxRevCtr Cnt u16	tgt CDDInterface Per1 Die2RxRevCtr Cnt		
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 ExpectedOnTimeA Cnt u32	tgt_CDDInterface_Per1_ExpectedOnTimeA_		
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 ExpectedOnTimeB Cnt u32	tgt_CDDInterface_Per1_ExpectedOnTimeB_	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeC_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_LRPRPhaseadvanceCaptured_	tgt_CDDInterface_Per1_LRPRPhaseadvance	-	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeA_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeB_	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeC_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MechMtrPos1TimeStamp_USe			
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 MechMtrPos2TimeStamp USe			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ModIdxFinal_Uls_f32	tgt_CDDInterface_Per1_ModIdxFinal_Uls_f3:		
tqt Rte Inst Sa CDDInterface.CDDInterface Per1 MtrCurrDax Amp f32	tgt_CDDInterface_Per1_MtrCurrDax_Amp_f3		
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 MtrCurrK1 Amp f32	tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK2_Amp_f32	tgt CDDInterface Per1 MtrCurrK2 Amp f32		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32	tgt_CDDInterface_Per1_MtrCurrQaxFinalRef	Amp f32	
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 MtrCurrQax Amp f32	tgt_CDDInterface_Per1_MtrCurrQax_Amp_f3		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u	tgt_CDDInterface_Per1_RxMtrPos1ParityAcc		
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 SysCVSwitchADC Cnt u16	tgt CDDInterface Per1 SysCVSwitchADC (
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCorrectedElecMtrPos_Rev	tgt_CDDInterface_Per1_SysCorrectedElecMi	trPos Rev f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_UncorrMechMtrPos1_Rev_u0p			
	Actual Value	Expected Value	Result
Name			
Name CDD CDDDataAccessBfr Cnt G u16		•	/tooun
CDD_CDDDataAccessBfr_Cnt_G_u16	0	0	~
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0]	0 80745	0 80745	**************************************
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1]	0	0	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2]	0 80745 105748 18248	0 80745 105748	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	0 80745 105748	0 80745 105748 18248	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value	0 80745 105748 18248 424	0 80745 105748 18248 424	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value	0 80745 105748 18248 424 4.01681662	0 80745 105748 18248 424 4.01681662 ± 0.0625	· · · · · · · · · · · · · · · · · · ·
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value	0 80745 105748 18248 424 4.01681662 4.01681662	0 80745 105748 18248 424 4.01681662 ± 0.0625 4.01681662 ± 0.0625	· · · · · · · · · · · · · · · · · · ·
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value	0 80745 105748 18248 424 4.01681662 4.01681662 7714.52002	0 80745 105748 18248 424 4.01681662 ± 0.0625 4.01681662 ± 0.0625 7714.52002	· · · · · · · · · · · · · · · · · · ·
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value	0 80745 105748 18248 424 4.01681662 4.01681662 7714.52002 0.660003662	0 80745 105748 18248 424 4.01681662 ± 0.0625 4.01681662 ± 0.0625 7714.52002 0.660003662	· · · · · · · · · · · · · · · · · · ·
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CurmMechMtrPos_Rev_f32.value	0 80745 105748 18248 424 4.01681662 4.01681662 7714.52002 0.660003662 43254	0 80745 105748 18248 424 4.01681662 ± 0.0625 4.01681662 ± 0.0625 7714.52002 0.660003662 43254	· · · · · · · · · · · · · · · · · · ·
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value	0 80745 105748 18248 424 4.01681662 4.01681662 7714.52002 0.660003662 43254 -0.0799865723	0 80745 105748 18248 424 4.01681662 ± 0.0625 4.01681662 ± 0.0625 7714.52002 0.660003662 43254 -0.0800018311 ± 0.0625	· · · · · · · · · · · · · · · · · · ·
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value	0 80745 105748 18248 424 4.01681662 4.01681662 7714.52002 0.660003662 43254 -0.0799865723 4535	0 80745 105748 18248 424 4.01681662 ± 0.0625 4.01681662 ± 0.0625 7714.52002 0.660003662 43254 -0.0800018311 ± 0.0625 4535	· · · · · · · · · · · · · · · · · · ·
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value	0 80745 105748 18248 424 4.01681662 4.01681662 7714.52002 0.660003662 43254 -0.0799865723 4535	0 80745 105748 18248 424 4.01681662 ± 0.0625 4.01681662 ± 0.0625 7714.52002 0.660003662 43254 -0.0800018311 ± 0.0625 4535 480	
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value	0 80745 105748 18248 424 4.01681662 4.01681662 7714.52002 0.660003662 43254 -0.0799865723 4535 480 4161	0 80745 105748 18248 424 4.01681662 ± 0.0625 4.01681662 ± 0.0625 7714.52002 0.660003662 43254 -0.0800018311 ± 0.0625 4535 480 4161	
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value	0 80745 105748 18248 424 4.01681662 4.01681662 7714.52002 0.660003662 43254 -0.0799865723 4535 480 4161	0 80745 105748 18248 424 4.01681662 ± 0.0625 4.01681662 ± 0.0625 7714.52002 0.660003662 43254 -0.0800018311 ± 0.0625 4535 480 4161 4348	
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value	0 80745 105748 18248 424 4.01681662 4.01681662 7714.52002 0.660003662 43254 -0.0799865723 4535 480 4161 4348 424	0 80745 105748 18248 424 4.01681662 ± 0.0625 4.01681662 ± 0.0625 7714.52002 0.660003662 43254 -0.0800018311 ± 0.0625 4535 480 4161 4348 424	
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value	0 80745 105748 18248 424 4.01681662 4.01681662 7714.52002 0.660003662 43254 -0.0799865723 4535 480 4161 4348 424 3974	0 80745 105748 18248 424 4.01681662 ± 0.0625 4.01681662 ± 0.0625 7714.52002 0.660003662 43254 -0.0800018311 ± 0.0625 4535 480 4161 4348 424 3974	
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Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
CDDPorts_ClearPhsReasSum	1	CDDPorts_ClearPhsReasSum	1	~

Test Step 2.68 (Repeat Count = 1)	√
Name	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16	0
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	5503.1499
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	7901.8501
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	0
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	43909
CDD_CumMechMtrPos_Rev_G_s15p16[0]	5898
CDD_CumMechMtrPos_Rev_G_s15p16[1]	655
CDD_Die1RxError_Cnt_G_u16[0]	3446 4722
CDD_Die1RxError_Cnt_G_u16[1] CDD_Die1RxMtrPos_Cnt_G_u16[0]	2962
CDD_Die1RxMtrPos_Cnt_G_u16[1]	3974
CDD_Die1RxRevCtr_Cnt_G_u16[0]	3204
CDD_Die1RxRevCtr_Cnt_G_u16[1]	4348
CDD_Die2RxError_Cnt_G_u16[0]	3325
CDD_Die2RxError_Cnt_G_u16[1]	4535
CDD_Die2RxMtrPos_Cnt_G_u16[0]	238
CDD_Die2RxMtrPos_Cnt_G_u16[1]	480
CDD_Die2RxRevCtr_Cnt_G_u16[0]	3083
CDD_Die2RxRevCtr_Cnt_G_u16[1]	4161
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	6567
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	8910
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0] CDD_MechMtrPos2TimeStamp_uSec_G_u32[1]	262 648
CDD_ModIdxFinal_Uls_G_u16p16[0]	15230
CDD_ModIdxFinal_Uls_G_u16p16[1]	15237
CDD MtrCurr1 Volts G f32[0]	2.00025487
CDD_MtrCurr1_Volts_G_f32[1]	1.00025475
CDD_MtrCurr2_Volts_G_f32[0]	2.00015473
CDD_MtrCurr2_Volts_G_f32[1]	2.00025487
CDD_MtrCurrDax_Amp_G_f32[0]	67.4899979
CDD_MtrCurrDax_Amp_G_f32[1]	85.0800018
CDD_MtrCurrK1_Amps_G_f32[0]	50
CDD_MtrCurrK1_Amps_G_f32[1]	60
CDD_MtrCurrK2_Amps_G_f32[0]	-76.8600006
CDD_MtrCurrCovFinalPof_Amp_C_f22[0]	-62.4799995 100.910004
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0] CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	138.539993
CDD_MtrCurrQax_Amp_G_f32[0]	-210.660004
CDD_MtrCurrQax_Amp_G_f32[1]	-161.350006
CDD PWMDutyCycleASum Cnt G u32[0]	2236
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	2852
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	3325
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	4535
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	5019
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	7153
CDD_PhaseAdvFinal_Cnt_G_u16[0]	214
CDD_PhaseAdvFinal_Cnt_G_u16[1]	312
CDD_RxMtrPos1ParityAccum_Cnt_G_u16[0]	230
CDD_RxMtrPos1ParityAccum_Cnt_G_u16[1] CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[0]	424 238
CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[1]	480
CDD SysCVSwitchADC Cnt G u16[0]	4656
CDD_SysCVSwitchADC_Cnt_G_u16[1]	6592
CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[0]	0
CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[1]	44564
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	0
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	44564
PXAccumPrev_Cnt_M_u32[0]	2478
PXAccumPrev_Cnt_M_u32[1]	3226
PXAccumPrev_Cnt_M_u32[2]	78739
Rte_Inst_Sa_CDDInterface	tgt_Rte_Inst_Sa_CDDInterface
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	145970 145991
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	145998

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Name	Input Value		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr1_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr1_Volts	_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr2_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr2_Volts	_f32	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32$	tgt_CDDInterface_Per1_CorrMtrCurrPosition	_Rev_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CumMechMtrPos_Rev_f32	tgt_CDDInterface_Per1_CumMechMtrPos_R	-	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxError_Cnt_u16 tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_	tgt_CDDInterface_Per1_Die1RxError_Cnt_u- target_CDDInterface_Per1_Die1UnderVoltgF		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxMtrPos_Cnt_u16	tgt CDDInterface Per1 Die1RxMtrPos Cnt		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxRevCtr_Cnt_u16	tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxError_Cnt_u16	tgt_CDDInterface_Per1_Die2RxError_Cnt_u		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxMtrPos_Cnt_u16	tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_	_u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxRevCtr_Cnt_u16	tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_	_u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeA_	Cnt_u32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeB_	· -	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeC_	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_LRPRPhaseadvanceCaptured_	tgt_CDDInterface_Per1_LRPRPhaseadvance		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32 tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeA_ tgt_CDDInterface_Per1_MeasuredOnTimeB_	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeC		
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 MechMtrPos1TimeStamp USe			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MechMtrPos2TimeStamp_USe			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ModIdxFinal_Uls_f32	tgt_CDDInterface_Per1_ModIdxFinal_Uls_f3.	·	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrDax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrDax_Amp_f3	32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK1_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32	2	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK2_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32	2	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32	tgt_CDDInterface_Per1_MtrCurrQaxFinalRef	f_Amp_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrQax_Amp_f3		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCVSwitchADC_Cnt_u16	tgt_CDDInterface_Per1_SysCVSwitchADC_0	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCorrectedElecMtrPos_Rev_ tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_UncorrMechMtrPos1_Rev_u0p	tgt_CDDInterface_Per1_SysCorrectedElecM tgt_CDDInterface_Per1_UncorrMechMtrPos1		
Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	1	1	ixesuit
PXAccumPrev Cnt M u32[0]	18246	18246	V
PXAccumPrev_Cnt_M_u32[1]	18248	18248	
PXAccumPrev_Cnt_M_u32[2]	18249	18249	~
target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	238	238	~
tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value	2.00025487	2.00025487 ± 0.0625	~
tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value	2.00015473	2.00015473 ± 0.0625	~
tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value	5503.1499	5503.1499	~
tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value	0	0	~
tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value	0.0899963379	0.0899963379 ± 0.0625	
tgt CDDInterface Per1 Die1RxError Cnt u16.value	3446	3446	~
tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value	2962	2962	~
tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value	3204	3204	~
tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value	3325	3325	~
tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value	238	238	~
tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value	3083	3083	~
tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value	0000	0000	✓
tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value	2236	2236	
tgt CDDInterface Per1 ExpectedOnTimeC Cnt u32.value	3325	3325	~
	3325 5019	3325 5019	· ·
tgt_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value	3325 5019 20	3325 5019 20	· ·
tgt_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value	3325 5019 20 15768	3325 5019 20 15768	· · · · · · · · · · · · · · · · · · ·
tgt_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value	3325 5019 20 15768 15022	3325 5019 20 15768 15022	~
tgt_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value	3325 5019 20 15768 15022 536810422	3325 5019 20 15768 15022 536810422	· · · · · · · · · · · · · · · · · · ·
tgt_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value	3325 5019 20 15768 15022	3325 5019 20 15768 15022	***
tgl_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value	3325 5019 20 15768 15022 536810422 6567	3325 5019 20 15768 15022 536810422 6567	· · · · · · · · · · · · · · · · · · ·
tgl_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value	3325 5019 20 15768 15022 536810422 6567 262	3325 5019 20 15768 15022 536810422 6567 262	· · · · · · · · · · · · · · · · · · ·
tgl_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_ModIdxFinal_UIs_f32.value	3325 5019 20 15768 15022 536810422 6567 262 0.232391357	3325 5019 20 15768 15022 536810422 6567 262 0.232406616 ± 0.0625	· · · · · · · · · · · · · · · · · · ·
tgl_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value tgl_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgl_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgl_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgl_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgl_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgl_CDDInterface_Per1_ModldxFinal_UIs_f32.value tgl_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgl_CDDInterface_Per1_MtrCurrK1_Amp_f32.value tgl_CDDInterface_Per1_MtrCurrK2_Amp_f32.value	3325 5019 20 15768 15022 536810422 6567 262 0.232391357 67.4899979 50 -76.8600006	3325 5019 20 15768 15022 536810422 6567 262 0.232406616 ± 0.0625 67.4899979 50 -76.8600006	· · · · · · · · · · · · · · · · · · ·
tgl_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value tgl_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgl_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgl_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgl_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgl_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgl_CDDInterface_Per1_MedidxFinal_UIs_f32.value tgl_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgl_CDDInterface_Per1_MtrCurrK1_Amp_f32.value tgl_CDDInterface_Per1_MtrCurrK2_Amp_f32.value tgl_CDDInterface_Per1_MtrCurrK2_Amp_f32.value tgl_CDDInterface_Per1_MtrCurrK2_Amp_f32.value	3325 5019 20 15768 15022 536810422 6567 262 0.232391357 67.4899979 50 -76.8600006 100.910004	3325 5019 20 15768 15022 536810422 6567 262 0.232406616 ± 0.0625 67.4899979 50 -76.8600006 100.910004	***************************************
tgl_CDDInterface_Per1_RPRPhaseadvanceCaptured_Cnt_s16.value tgl_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgl_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgl_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgl_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgl_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgl_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgl_CDDInterface_Per1_ModldxFinal_UIs_f32.value tgl_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgl_CDDInterface_Per1_MtrCurrK1_Amp_f32.value tgl_CDDInterface_Per1_MtrCurrK2_Amp_f32.value tgl_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value tgl_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgl_CDDInterface_Per1_MtrCurrQax_Amp_f32.value	3325 5019 20 15768 15022 536810422 6567 262 0.232391357 67.4899979 50 -76.8600006 100.910004 -210.660004	3325 5019 20 15768 15022 536810422 6567 262 0.232406616 ± 0.0625 67.4899979 50 -76.8600006 100.910004 -210.660004	***************************************
tgl_CDDInterface_Per1_RPRPhaseadvanceCaptured_Cnt_s16.value tgl_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgl_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgl_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgl_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgl_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgl_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgl_CDDInterface_Per1_ModldxFinal_UIs_f32.value tgl_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgl_CDDInterface_Per1_MtrCurrK1_Amp_f32.value tgl_CDDInterface_Per1_MtrCurrK2_Amp_f32.value tgl_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value tgl_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgl_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgl_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgl_CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u16.value	3325 5019 20 15768 15022 536810422 6567 262 0.232391357 67.4899979 50 -76.8600006 100.910004 -210.660004 230	3325 5019 20 15768 15022 536810422 6567 262 0.232406616 ± 0.0625 67.4899979 50 -76.8600006 100.910004 -210.660004 230	***************************************
tgl_CDDInterface_Per1_RPRPhaseadvanceCaptured_Cnt_s16.value tgl_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgl_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgl_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgl_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgl_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgl_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgl_CDDInterface_Per1_MctCurrDax_Amp_f32.value tgl_CDDInterface_Per1_MtrCurrK1_Amp_f32.value tgl_CDDInterface_Per1_MtrCurrK2_Amp_f32.value tgl_CDDInterface_Per1_MtrCurrCaxFinalRef_Amp_f32.value tgl_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value tgl_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgl_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgl_CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u16.value tgl_CDDInterface_Per1_SysCVSwitchADC_Cnt_u16.value	3325 5019 20 15768 15022 536810422 6567 262 0.232391357 67.4899979 50 -76.8600006 100.910004 -210.660004 230 4656	3325 5019 20 15768 15022 536810422 6567 262 0.232406616 ± 0.0625 67.4899979 50 -76.8600006 100.910004 -210.660004 230 4656	***************************************
tgl_CDDInterface_Per1_RPRPhaseadvanceCaptured_Cnt_s16.value tgl_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgl_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgl_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgl_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgl_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgl_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgl_CDDInterface_Per1_ModldxFinal_UIs_f32.value tgl_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgl_CDDInterface_Per1_MtrCurrK1_Amp_f32.value tgl_CDDInterface_Per1_MtrCurrK2_Amp_f32.value tgl_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value tgl_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgl_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgl_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgl_CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u16.value	3325 5019 20 15768 15022 536810422 6567 262 0.232391357 67.4899979 50 -76.8600006 100.910004 -210.660004 230	3325 5019 20 15768 15022 536810422 6567 262 0.232406616 ± 0.0625 67.4899979 50 -76.8600006 100.910004 -210.660004 230	***************************************





Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
CDDPorts_ClearPhsReasSum	1	CDDPorts_ClearPhsReasSum	1	~

Test Step 2.69 (Repeat Count = 1)	
Name	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16	1
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	5624.77979
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	8088.8501
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	0
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	44564
CDD_CumMechMtrPos_Rev_G_s15p16[0]	-7208 -7064
CDD_CumMechMtrPos_Rev_G_s15p16[1] CDD_Die1RxError_Cnt_G_u16[0]	-7864 3567
CDD_Die1RxError_Cnt_G_u16[0] CDD_Die1RxError_Cnt_G_u16[1]	4909
CDD_Die1RxMtrPos Cnt G u16[0]	3083
CDD Die1RxMtrPos Cnt G u16[1]	4161
CDD_Die1RxRevCtr_Cnt_G_u16[0]	3325
CDD_Die1RxRevCtr_Cnt_G_u16[1]	4535
CDD_Die2RxError_Cnt_G_u16[0]	3446
CDD_Die2RxError_Cnt_G_u16[1]	4722
CDD_Die2RxMtrPos_Cnt_G_u16[0]	2962
CDD_Die2RxMtrPos_Cnt_G_u16[1]	3974
CDD_Die2RxRevCtr_Cnt_G_u16[0]	3204
CDD_Die2RxRevCtr_Cnt_G_u16[1]	4348
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	7688
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	9097
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0]	0
CDD_MechMtrPos2TimeStamp_uSec_G_u32[1]	0
CDD_ModIdxFinal_Uls_G_u16p16[0]	24189
CDD_ModldxFinal_Uls_G_u16p16[1]	24195
CDD_MtrCurr1_Volts_G_f32[0]	1.01732635
CDD_MtrCurr1_Volts_G_f32[1]	2.01732635
CDD_MtrCurr2_Volts_G_f32[0]	2.01732635
CDD_MtrCurr2_Volts_G_f32[1]	1.01732635
CDD_MtrCurrDax_Amp_G_f32[0]	-87.8199997
CDD_MtrCurrDax_Amp_G_f32[1]	-69.1600037
CDD_MtrCurrK1_Amps_G_f32[0]	55.7999992 65.900015
CDD_MtrCurrK1_Amps_G_f32[1] CDD_MtrCurrK2_Amps_G_f32[0]	64.1500015
CDD_MtrCurrK2_Amps_G_f32[1]	79.599985
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	116.019997
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	159.070007
CDD_MtrCurrQax_Amp_G_f32[0]	-25.5799999
CDD_MtrCurrQax_Amp_G_f32[1]	-20.4699993
CDD_PWMDutyCycleASum_Cnt_G_u32[0]	2357
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	3039
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	3446
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	4722
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	5140
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	7340
CDD_PhaseAdvFinal_Cnt_G_u16[0]	222
CDD_PhaseAdvFinal_Cnt_G_u16[1]	368
CDD_RxMtrPos1ParityAccum_Cnt_G_u16[0]	238
CDD_RxMtrPos1ParityAccum_Cnt_G_u16[1]	480
CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[0]	2962
CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[1]	3974
CDD_SysCVSwitchADC_Cnt_G_u16[0]	4777
CDD_SysCVSwitchADC_Cnt_G_u16[1]	6779
CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[0]	44564
CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[1]	45220
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0] CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	44564 45220
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1]	2599 3413
PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2]	79964
Rte_Inst_Sa_CDDInterface	tgt_Rte_Inst_Sa_CDDInterface
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	145977
	145998
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	

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Name	Input Value		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr1_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_	_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr2_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_	_f32	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32$	tgt_CDDInterface_Per1_CorrMtrCurrPosition_	_Rev_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CumMechMtrPos_Rev_f32	tgt_CDDInterface_Per1_CumMechMtrPos_R	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxError_Cnt_u16 tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_	tgt_CDDInterface_Per1_Die1RxError_Cnt_u1 target_CDDInterface_Per1_Die1UnderVoltgF		
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 Die1RxMtrPos Cnt u16	tgt CDDInterface Per1 Die1RxMtrPos Cnt		
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 Die1RxRevCtr Cnt u16	tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxError_Cnt_u16	tgt_CDDInterface_Per1_Die2RxError_Cnt_u1		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxMtrPos_Cnt_u16	tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_	u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxRevCtr_Cnt_u16	tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_	<u>u</u> 16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeA_	Cnt_u32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeB_	-	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeC_	-	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_LRPRPhaseadvanceCaptured_	tgt_CDDInterface_Per1_LRPRPhaseadvance		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32 tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeA_ tgt_CDDInterface_Per1_MeasuredOnTimeB	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeC_	-	
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 MechMtrPos1TimeStamp USe		_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MechMtrPos2TimeStamp_USe			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ModIdxFinal_Uls_f32	tgt_CDDInterface_Per1_ModIdxFinal_Uls_f33		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrDax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrDax_Amp_f3	32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK1_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32	2	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK2_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32	2	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32	tgt_CDDInterface_Per1_MtrCurrQaxFinalRef	_Amp_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrQax_Amp_f3		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCVSwitchADC_Cnt_u16	tgt_CDDInterface_Per1_SysCVSwitchADC_0	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCorrectedElecMtrPos_Rev_	tgt_CDDInterface_Per1_SysCorrectedElecMt		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_UncorrMechMtrPos1_Rev_u0p	tgt_CDDInterface_Per1_UncorrMechMtrPos1 Actual Value	Expected Value	Result
Name CDD_CDDDataAccessBfr_Cnt_G_u16	0	0	Result
PXAccumPrev Cnt M u32[0]	18247	18247	~
1 74 todaini 164_0nt_tv_do2[0]			
	18249		
PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2]	18249 18250	18249 18250	
PXAccumPrev_Cnt_M_u32[1]		18249	~
PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2]	18250	18249 18250	~
PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	18250 3974	18249 18250 3974	· · · · · · · · · · · · · · · · · · ·
PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value	18250 3974 2.01732635 1.01732635 8088.8501	18249 18250 3974 2.01732635 ± 0.0625 1.01732635 ± 0.0625 8088.8501	· · · · · · · · · · · · · · · · · · ·
PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value	18250 3974 2.01732635 1.01732635 8088.8501 0.679992676	18249 18250 3974 2.01732635 ± 0.0625 1.01732635 ± 0.0625 8088.8501 0.679992676	***
PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value	18250 3974 2.01732635 1.01732635 8088.8501 0.679992676 44564	18249 18250 3974 2.01732635 ± 0.0625 1.01732635 ± 0.0625 8088.8501 0.679992676 44564	· · · · · · · · · · · · · · · · · · ·
PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CurrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CurrectedElecMtrPos_Rev_f32.value	18250 3974 2.01732635 1.01732635 8088.8501 0.679992676 44564 -0.119995117	18249 18250 3974 2.01732635 ± 0.0625 1.01732635 ± 0.0625 8088.8501 0.679992676 44564 -0.119995117 ± 0.0625	***
PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value	18250 3974 2.01732635 1.01732635 8088.8501 0.679992676 44564 -0.119995117 4909	18249 18250 3974 2.01732635 ± 0.0625 1.01732635 ± 0.0625 8088.8501 0.679992676 44564 -0.119995117 ± 0.0625 4909	· · · · · · · · · · · · · · · · · · ·
PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value	18250 3974 2.01732635 1.01732635 8088.8501 0.679992676 44564 -0.119995117 4909	18249 18250 3974 2.01732635 ± 0.0625 1.01732635 ± 0.0625 8088.8501 0.679992676 44564 -0.119995117 ± 0.0625 4909 4161	· · · · · · · · · · · · · · · · · · ·
PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value	18250 3974 2.01732635 1.01732635 8088.8501 0.679992676 44564 -0.119995117 4909 4161	18249 18250 3974 2.01732635 ± 0.0625 1.01732635 ± 0.0625 8088.8501 0.679992676 44564 -0.119995117 ± 0.0625 4909	· · · · · · · · · · · · · · · · · · ·
PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value	18250 3974 2.01732635 1.01732635 8088.8501 0.679992676 44564 -0.119995117 4909	18249 18250 3974 2.01732635 ± 0.0625 1.01732635 ± 0.0625 8088.8501 0.679992676 44564 -0.119995117 ± 0.0625 4909 4161 4535	· · · · · · · · · · · · · · · · · · ·
PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value	18250 3974 2.01732635 1.01732635 8088.8501 0.679992676 44564 -0.119995117 4909 4161 4535 4722	18249 18250 3974 2.01732635 ± 0.0625 1.01732635 ± 0.0625 8088.8501 0.679992676 44564 -0.119995117 ± 0.0625 4909 4161 4535 4722	***************************************
PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value	18250 3974 2.01732635 1.01732635 8088.8501 0.679992676 44564 -0.119995117 4909 4161 4535 4722 3974	18249 18250 3974 2.01732635 ± 0.0625 1.01732635 ± 0.0625 8088.8501 0.679992676 44564 -0.119995117 ± 0.0625 4909 4161 4535 4722 3974	· · · · · · · · · · · · · · · · · · ·
PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value	18250 3974 2.01732635 1.01732635 8088.8501 0.679992676 44564 -0.119995117 4909 4161 4535 4722 3974 4348	18249 18250 3974 2.01732635 ± 0.0625 1.01732635 ± 0.0625 8088.8501 0.679992676 44564 -0.119995117 ± 0.0625 4909 4161 4535 4722 3974 4348	***************************************
PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value	18250 3974 2.01732635 1.01732635 8088.8501 0.679992676 44564 -0.119995117 4909 4161 4535 4722 3974 4348 3039 4722 7340	18249 18250 3974 2.01732635 ± 0.0625 1.01732635 ± 0.0625 8088.8501 0.679992676 44564 -0.119995117 ± 0.0625 4909 4161 4535 4722 3974 4348 3039 4722 7340	· · · · · · · · · · · · · · · · · · ·
PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value	18250 3974 2.01732635 1.01732635 8088.8501 0.679992676 44564 -0.119995117 4909 4161 4535 4722 3974 4348 3039 4722 7340 34	18249 18250 3974 2.01732635 ± 0.0625 1.01732635 ± 0.0625 8088.8501 0.679992676 44564 -0.119995117 ± 0.0625 4909 4161 4535 4722 3974 4348 3039 4722 7340	***************************************
PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CurrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value	18250 3974 2.01732635 1.01732635 8088.8501 0.679992676 44564 -0.119995117 4909 4161 4535 4722 3974 4348 3039 4722 7340 34	18249 18250 3974 2.01732635 ± 0.0625 1.01732635 ± 0.0625 8088.8501 0.679992676 44564 -0.119995117 ± 0.0625 4909 4161 4535 4722 3974 4348 3039 4722 7340 34	· · · · · · · · · · · · · · · · · · ·
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Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
CDDPorts_ClearPhsReasSum	1	CDDPorts_ClearPhsReasSum	1	~

Test Step 2.70 (Repeat Count = 1)	and the same of th
Name	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16	1
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	4656.77979
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	6592.50977
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	44564
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	45220
CDD_CumMechMtrPos_Rev_G_s15p16[0]	8519
CDD_CumMechMtrPos_Rev_G_s15p16[1]	9175
CDD_Die1RxError_Cnt_G_u16[0]	3688
CDD_Die1RxError_Cnt_G_u16[1]	5096
CDD_Die1RxMtrPos_Cnt_G_u16[0]	3204
CDD_Die1RxMtrPos_Cnt_G_u16[1]	4348
CDD_Die1RxRevCtr_Cnt_G_u16[0]	3446
CDD_Die1RxRevCtr_Cnt_G_u16[1]	4722
CDD_Die2RxError_Cnt_G_u16[0]	3567
CDD_Die2RxError_Cnt_G_u16[1]	4909
CDD_Die2RxMtrPos_Cnt_G_u16[0]	3083
CDD_Die2RxMtrPos_Cnt_G_u16[1]	4161
CDD_Die2RxRevCtr_Cnt_G_u16[0]	3325
CDD_Die2RxRevCtr_Cnt_G_u16[1]	4535
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	4656
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	6592
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0]	4294967295
CDD_MechMtrPos2TimeStamp_uSec_G_u32[1]	4294967295
CDD_ModIdxFinal_Uls_G_u16p16[0]	32138
CDD_ModIdxFinal_Uls_G_u16p16[1]	32145
CDD_MtrCurr1_Volts_G_f32[0]	1.01732635
CDD_MtrCurr1_Volts_G_f32[1]	2.01732635
CDD_MtrCurr2_Volts_G_f32[0]	0.0135043999
CDD_MtrCurr2_Volts_G_f32[1]	1.01350439
CDD_MtrCurrDax_Amp_G_f32[0]	70.8300018
CDD_MtrCurrDax_Amp_G_f32[1]	90.5599976
CDD_MtrCurrK1_Amps_G_f32[0]	-68.639994
CDD_MtrCurrK1_Amps_G_f32[1]	-57.4700012
CDD_MtrCurrK2_Amps_G_f32[0]	65.8199997
CDD_MtrCurrK2_Amps_G_f32[1]	82.3399963
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	131.130005
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	179.600006
CDD_MtrCurrQax_Amp_G_f32[0]	46.4199982
CDD_MtrCurrQax_Amp_G_f32[1]	56.9500008
CDD_PWMDutyCycleASum_Cnt_G_u32[0]	2478
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	3226
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	3567
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	4909
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	5261
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	7527
CDD_PhaseAdvFinal_Cnt_G_u16[0]	230
CDD_PhaseAdvFinal_Cnt_G_u16[1]	424
CDD_RxMtrPos1ParityAccum_Cnt_G_u16[0]	2962
CDD_RxMtrPos1ParityAccum_Cnt_G_u16[1]	3974
CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[0]	3083
CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[1]	4161
CDD_SysCVSwitchADC_Cnt_G_u16[0]	4898
CDD_SysCVSwitchADC_Cnt_G_u16[1]	6966
CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[0]	0
CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[1]	45875
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	0
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	45875
PXAccumPrev_Cnt_M_u32[0]	2720
PXAccumPrev_Cnt_M_u32[1]	3600
PXAccumPrev_Cnt_M_u32[2]	81189
Rte_Inst_Sa_CDDInterface	tgt_Rte_Inst_Sa_CDDInterface
HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	845984
_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	146005

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Name	Input Value		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr1_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_	_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr2_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_	_f32	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32$	tgt_CDDInterface_Per1_CorrMtrCurrPosition_	_Rev_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CumMechMtrPos_Rev_f32	tgt_CDDInterface_Per1_CumMechMtrPos_R	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxError_Cnt_u16 tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_	tgt_CDDInterface_Per1_Die1RxError_Cnt_u1 target_CDDInterface_Per1_Die1UnderVoltgF		
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 Die1RxMtrPos Cnt u16	tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_		
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 Die1RxRevCtr Cnt u16	tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxError_Cnt_u16	tgt_CDDInterface_Per1_Die2RxError_Cnt_u1		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxMtrPos_Cnt_u16	tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_	u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxRevCtr_Cnt_u16	tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_	<u>u</u> 16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeA_	Cnt_u32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeB_	-	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeC_	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_LRPRPhaseadvanceCaptured_	tgt_CDDInterface_Per1_LRPRPhaseadvance		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32 tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeA_ tgt_CDDInterface_Per1_MeasuredOnTimeB	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeD_Cin_u32	tgt_CDDInterface_Per1_MeasuredOnTimeC_	-	
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 MechMtrPos1TimeStamp USe			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MechMtrPos2TimeStamp_USe			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ModIdxFinal_Uls_f32	tgt_CDDInterface_Per1_ModIdxFinal_Uls_f33		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrDax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrDax_Amp_f3		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK1_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32	2	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK2_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32	2	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32	tgt_CDDInterface_Per1_MtrCurrQaxFinalRef	_Amp_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrQax_Amp_f3		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCVSwitchADC_Cnt_u16	tgt_CDDInterface_Per1_SysCVSwitchADC_0	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCorrectedElecMtrPos_Rev_	tgt_CDDInterface_Per1_SysCorrectedElecMt		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_UncorrMechMtrPos1_Rev_u0p Name	tgt_CDDInterface_Per1_UncorrMechMtrPos1 Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	0	0	Kesuit
PXAccumPrev Cnt M u32[0]	105748	105748	~
	18250	18250	~
PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2]			
PXAccumPrev_Cnt_M_u32[1]	18250	18250	~
PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2]	18250 18250	18250 18250	~
PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	18250 18250 4161 2.01732635 1.01350439	18250 18250 4161	· · · · · ·
PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value	18250 18250 4161 2.01732635 1.01350439 6592.50977	18250 18250 4161 2.01732635 ± 0.0625 1.01350439 ± 0.0625 6592.50977	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value	18250 18250 4161 2.01732635 1.01350439 6592.50977 0.690002441	18250 18250 4161 2.01732635 ± 0.0625 1.01350439 ± 0.0625 6592.50977 0.690002441	· · · · · · · · · · · · · · · · · · ·
PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value	18250 18250 4161 2.01732635 1.01350439 6592.50977 0.690002441 45220	18250 18250 4161 2.01732635 ± 0.0625 1.01350439 ± 0.0625 6592.50977 0.690002441 45220	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CurmMechMtrPos_Rev_f32.value	18250 18250 4161 2.01732635 1.01350439 6592.50977 0.690002441 45220 0.13999939	18250 18250 4161 2.01732635 ± 0.0625 1.01350439 ± 0.0625 6592.50977 0.690002441 45220 0.13999939 ± 0.0625	· · · · · · · · · · · · · · · · · · ·
PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value	18250 18250 4161 2.01732635 1.01350439 6592.50977 0.690002441 45220 0.13999939 5096	18250 18250 4161 2.01732635 ± 0.0625 1.01350439 ± 0.0625 6592.50977 0.690002441 45220 0.13999939 ± 0.0625 5096	· · · · · · · · · · · · · · · · · · ·
PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value	18250 18250 4161 2.01732635 1.01350439 6592.50977 0.690002441 45220 0.13999939 5096 4348	18250 18250 4161 2.01732635 ± 0.0625 1.01350439 ± 0.0625 6592.50977 0.690002441 45220 0.13999939 ± 0.0625	· · · · · · · · · · · · · · · · · · ·
PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value	18250 18250 4161 2.01732635 1.01350439 6592.50977 0.690002441 45220 0.13999939 5096	18250 18250 4161 2.01732635 ± 0.0625 1.01350439 ± 0.0625 6592.50977 0.690002441 45220 0.13999939 ± 0.0625 5096 4348	· · · · · · · · · · · · · · · · · · ·
PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value	18250 18250 4161 2.01732635 1.01350439 6592.50977 0.690002441 45220 0.13999939 5096 4348 4722	18250 18250 4161 2.01732635 ± 0.0625 1.01350439 ± 0.0625 6592.50977 0.690002441 45220 0.13999939 ± 0.0625 5096 4348 4722	· · · · · · · · · · · · · · · · · · ·
PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value	18250 18250 4161 2.01732635 1.01350439 6592.50977 0.690002441 45220 0.13999939 5096 4348 4722 4909	18250 18250 4161 2.01732635 ± 0.0625 1.01350439 ± 0.0625 6592.50977 0.690002441 45220 0.13999939 ± 0.0625 5096 4348 4722 4909	> > > > > > > > > > > > > > > > > > >
PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value	18250 18250 4161 2.01732635 1.01350439 6592.50977 0.690002441 45220 0.13999939 5096 4348 4722 4909 4161	18250 18250 4161 2.01732635 ± 0.0625 1.01350439 ± 0.0625 6592.50977 0.690002441 45220 0.13999939 ± 0.0625 5096 4348 4722 4909 4161	> > > > > > > > > > > > > > > > > > >
PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value	18250 18250 4161 2.01732635 1.01350439 6592.50977 0.690002441 45220 0.13999939 5096 4348 4722 4909 4161 4535 3226 4909	18250 18250 4161 2.01732635 ± 0.0625 1.01350439 ± 0.0625 6592.50977 0.690002441 45220 0.13999939 ± 0.0625 5096 4348 4722 4909 4161 4535 3226 4909	> > > > > > > > > > > > > > > > > > >
PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value	18250 18250 4161 2.01732635 1.01350439 6592.50977 0.690002441 45220 0.1399939 5096 4348 4722 4909 4161 4535 3226 4909 7527	18250 18250 4161 2.01732635 ± 0.0625 1.01350439 ± 0.0625 6592.50977 0.690002441 45220 0.13999939 ± 0.0625 5096 4348 4722 4909 4161 4535 3226 4909 7527	> > > > > > > > > > > > > > > > > > >
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Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
CDDPorts_ClearPhsReasSum	1	CDDPorts_ClearPhsReasSum	1	~

Test Step 2.71 (Repeat Count = 1)	✓
Name	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16	0
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	4777.8501
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	6779.58008
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	0
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	45875 -9830
CDD_CumMechMtrPos_Rev_G_s15p16[0] CDD_CumMechMtrPos_Rev_G_s15p16[1]	-9030 -10485
CDD_Die1RxError_Cnt_G_u16[0]	3809
CDD Die1RxError Cnt G u16[1]	5283
CDD_Die1RxMtrPos_Cnt_G_u16[0]	3325
CDD_Die1RxMtrPos_Cnt_G_u16[1]	4535
CDD_Die1RxRevCtr_Cnt_G_u16[0]	3567
CDD_Die1RxRevCtr_Cnt_G_u16[1]	4909
CDD_Die2RxError_Cnt_G_u16[0]	3688
CDD_Die2RxError_Cnt_G_u16[1]	5096
CDD_Die2RxMtrPos_Cnt_G_u16[0]	3204
CDD_Die2RxMtrPos_Cnt_G_u16[1]	4348
CDD_Die2RxRevCtr_Cnt_G_u16[0] CDD_Die2RxRevCtr_Cnt_G_u16[1]	3446
CDD_Die2RxRevCtr_Cnt_G_u16[1] CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	4722 4777
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	6779
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0]	7688
CDD_MechMtrPos2TimeStamp_uSec_G_u32[1]	9097
CDD_ModldxFinal_Uls_G_u16p16[0]	43260
CDD_ModldxFinal_Uls_G_u16p16[1]	43266
CDD_MtrCurr1_Volts_G_f32[0]	1.01375926
CDD_MtrCurr1_Volts_G_f32[1]	2.01375914
CDD_MtrCurr2_Volts_G_f32[0]	1.01375926
CDD_MtrCurr2_Volts_G_f32[1]	2.01375914
CDD_MtrCurrDax_Amp_G_f32[0]	72.5
CDD_MtrCurrDax_Amp_G_f32[1] CDD_MtrCurrK1_Amps_G_f32[0]	93.2900009 -25.5799999
CDD_MtrCurrK1_Amps_G_f32[1]	-20.4699993
CDD_MtrCurrK2_Amps_G_f32[0]	67.4899979
CDD_MtrCurrK2_Amps_G_f32[1]	85.0800018
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	-200.130005
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	-146.240005
CDD_MtrCurrQax_Amp_G_f32[0]	72.3700027
CDD_MtrCurrQax_Amp_G_f32[1]	88.3199997
CDD_PWMDutyCycleASum_Cnt_G_u32[0]	2599
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	3413
CDD_PWMDutyCycleBSum_Cnt_G_u32[0] CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	3688 5096
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	5382
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	7714
CDD_PhaseAdvFinal_Cnt_G_u16[0]	238
CDD_PhaseAdvFinal_Cnt_G_u16[1]	480
CDD_RxMtrPos1ParityAccum_Cnt_G_u16[0]	3083
CDD_RxMtrPos1ParityAccum_Cnt_G_u16[1]	4161
CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[0]	3204
CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[1]	4348
CDD_SysCVSwitchADC_Cnt_G_u16[0]	5019
CDD_SysCVSwitchADC_Cnt_G_u16[1]	7153
CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[0] CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[1]	53739 54394
CDD_SysCorrectedElectritiPos_Rev_G_upp16[1] CDD_UncorrMechMtrPos1_Rev_G_upp16[0]	39322
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	39976
PXAccumPrev_Cnt_M_u32[0]	2841
PXAccumPrev_Cnt_M_u32[1]	3787
PXAccumPrev_Cnt_M_u32[2]	82414
Rte_Inst_Sa_CDDInterface	tgt_Rte_Inst_Sa_CDDInterface
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	145991
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	946012
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	946012

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Name	Input Value		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr1_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr2_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32	tgt_CDDInterface_Per1_CorrMtrCurrPosition_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev	tgt_CDDInterface_Per1_CorrectedElecMtrPo	sFloat_Rev_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p	tgt_CDDInterface_Per1_CorrectedElecMtrPo	s_Rev_u0p16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CumMechMtrPos_Rev_f32	tgt_CDDInterface_Per1_CumMechMtrPos_R	ev_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxError_Cnt_u16	tgt_CDDInterface_Per1_Die1RxError_Cnt_u1	16	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt$	target_CDDInterface_Per1_Die1UnderVoltgF	ltAccum_Cnt_u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxMtrPos_Cnt_u16	tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_	u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxRevCtr_Cnt_u16	tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_	<u>u</u> 16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxError_Cnt_u16	tgt_CDDInterface_Per1_Die2RxError_Cnt_u1	16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxMtrPos_Cnt_u16	tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_	u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxRevCtr_Cnt_u16	tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_	u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeA_0	Cnt_u32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeB_0	Cnt_u32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeC_	Cnt_u32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_LRPRPhaseadvanceCaptured_	tgt_CDDInterface_Per1_LRPRPhaseadvance	eCaptured_Cnt_s16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeA_	Cnt_u32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeB_	_	
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 MeasuredOnTimeC Cnt u32	tgt_CDDInterface_Per1_MeasuredOnTimeC_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MechMtrPos1TimeStamp_USe	tgt CDDInterface Per1 MechMtrPos1TimeS		
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 MechMtrPos2TimeStamp USe		·	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ModIdxFinal_UIs_f32	tgt_CDDInterface_Per1_ModIdxFinal_Uls_f32		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrDax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrDax_Amp_f3		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK1_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK2_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32	tgt_CDDInterface_Per1_MtrCurrQaxFinalRef		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrQax_Amp_f3		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u	tgt_CDDInterface_Per1_RxMtrPos1ParityAcc		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCVSwitchADC_Cnt_u16	tgt_CDDInterface_Per1_SysCVSwitchADC_C	Cnt_u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCorrectedElecMtrPos_Rev_	tgt_CDDInterface_Per1_SysCorrectedElecMt	rPos_Rev_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_UncorrMechMtrPos1_Rev_u0p	tgt_CDDInterface_Per1_UncorrMechMtrPos1	_Rev_u0p16	
Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	1	1	~
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0]	1 18248	1 18248	✓
			٠ ٧
PXAccumPrev_Cnt_M_u32[0]	18248	18248	
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2]	18248 118251	18248 118251	~
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	18248 118251 118251	18248 118251 118251	~
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value	18248 118251 118251 3204	18248 118251 118251 3204 1.01375926 ± 0.0625	٠ ٧
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value	18248 118251 118251 3204 1.01375926	18248 118251 118251 3204 1.01375926 ± 0.0625 1.01375926 ± 0.0625	· · · · · · · · · · · · · · · · · · ·
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value	18248 118251 118251 3204 1.01375926 1.01375926 4777.8501	18248 118251 118251 3204 1.01375926 ± 0.0625 1.01375926 ± 0.0625 4777.8501	· · ·
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value	18248 118251 118251 3204 1.01375926 1.01375926 4777.8501	18248 118251 118251 3204 1.01375926 ± 0.0625 1.01375926 ± 0.0625 4777.8501	· · · · · · · · · · · · · · · · · · ·
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value	18248 118251 118251 3204 1.01375926 1.01375926 4777.8501 0	18248 118251 118251 3204 1.01375926 ± 0.0625 1.01375926 ± 0.0625 4777.8501 0	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CurmMechMtrPos_Rev_f32.value	18248 118251 118251 3204 1.01375926 1.01375926 4777.8501 0 0 -0.149993896	18248 118251 118251 3204 1.01375926 ± 0.0625 1.01375926 ± 0.0625 4777.8501 0 0 -0.149993896 ± 0.0625	· · · · · · · · · · · · · · · · · · ·
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosRev_u0p16.value tgt_CDDInterface_Per1_CurmMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value	18248 118251 118251 3204 1.01375926 1.01375926 4777.8501 0 0 -0.149993896 3809	18248 118251 118251 3204 1.01375926 ± 0.0625 1.01375926 ± 0.0625 4777.8501 0 0 -0.149993896 ± 0.0625 3809	· · · · · · · · · · · · · · · · · · ·
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value	18248 118251 118251 3204 1.01375926 1.01375926 4777.8501 0 0 -0.149993896 3809 3325	18248 118251 118251 3204 1.01375926 ± 0.0625 1.01375926 ± 0.0625 4777.8501 0 0 -0.149993896 ± 0.0625 3809 3325	· · · · · · · · · · · · · · · · · · ·
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value	18248 118251 118251 3204 1.01375926 1.01375926 4777.8501 0 0 -0.149993896 3809 3325 3567	18248 118251 118251 3204 1.01375926 ± 0.0625 1.01375926 ± 0.0625 4777.8501 0 0 -0.149993896 ± 0.0625 3809 3325 3567	· · · · · · · · · · · · · · · · · · ·
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value	18248 118251 118251 3204 1.01375926 1.01375926 4777.8501 0 0 -0.149993896 3809 3325 3567 3688	18248 118251 118251 3204 1.01375926 ± 0.0625 1.01375926 ± 0.0625 4777.8501 0 0 -0.149993896 ± 0.0625 3809 3325 3567 3688	· · · · · · · · · · · · · · · · · · ·
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value	18248 118251 118251 3204 1.01375926 1.01375926 4777.8501 0 0 -0.149993896 3809 3325 3567 3688 3204	18248 118251 118251 3204 1.01375926 ± 0.0625 1.01375926 ± 0.0625 4777.8501 0 0 -0.149993896 ± 0.0625 3809 3325 3567 3688 3204	· · · · · · · · · · · · · · · · · · ·
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value	18248 118251 118251 3204 1.01375926 1.01375926 4777.8501 0 0 -0.149993896 3809 3325 3567 3688 3204 3446	18248 118251 118251 3204 1.01375926 ± 0.0625 1.01375926 ± 0.0625 4777.8501 0 0 -0.149993896 ± 0.0625 3809 3325 3567 3688 3204 3446	· · · · · · · · · · · · · · · · · · ·
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PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeS_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeS_Cnt_u32.value tgt_CDDInterface_Per1_MescurdOnTimeS_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_McUrrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_FinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_FinalRef_Amp_f32.value	18248 118251 118251 3204 1.01375926 1.01375926 4777.8501 0 0 -0.149993896 3809 3325 3567 3688 3204 3446 2599 3688 5382 22 15407 114464 35837 4777 7688 0.660095215 72.5 -25.579999 67.4899979 -200.130005 72.3700027 3083	18248 118251 118251 3204 1.01375926 ± 0.0625 1.01375926 ± 0.0625 4777.8501 0 0 -0.149993896 ± 0.0625 3325 3567 3688 3204 3446 2599 3688 5382 22 15407 114464 35837 4777 7688 0.660095215 ± 0.0625 72.5 -25.5799999 67.4899979 -200.130005 72.3700027 3083	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeoMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MeoMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MeoMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value	18248 118251 118251 3204 1.01375926 1.01375926 4777.8501 0 0 -0.149993896 3809 3325 3567 3688 3204 3446 2599 3688 5382 22 15407 114464 35837 4777 7688 0.660095215 72.5 -25.579999 67.4899979 -200.130005 72.3700027 3083 5019	18248 118251 118251 3204 1.01375926 ± 0.0625 1.01375926 ± 0.0625 4777.8501 0 0 -0.149993896 ± 0.0625 3325 3567 3688 3204 3446 2599 3688 5382 22 15407 114464 35837 4777 7688 0.660095215 ± 0.0625 72.5 -25.5799999 67.4899979 -200.130005 72.3700027 3083 5019	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeS_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeS_Cnt_u32.value tgt_CDDInterface_Per1_MescurdOnTimeS_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_McUrrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_FinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_FinalRef_Amp_f32.value	18248 118251 118251 3204 1.01375926 1.01375926 4777.8501 0 0 -0.149993896 3809 3325 3567 3688 3204 3446 2599 3688 5382 22 15407 114464 35837 4777 7688 0.660095215 72.5 -25.579999 67.4899979 -200.130005 72.3700027 3083	18248 118251 118251 3204 1.01375926 ± 0.0625 1.01375926 ± 0.0625 4777.8501 0 0 -0.149993896 ± 0.0625 3325 3567 3688 3204 3446 2599 3688 5382 22 15407 114464 35837 4777 7688 0.660095215 ± 0.0625 72.5 -25.5799999 67.4899979 -200.130005 72.3700027 3083	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \





Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
CDDPorts_ClearPhsReasSum	1	CDDPorts_ClearPhsReasSum	1	~

Test Step 2.72 (Repeat Count = 1)	Innut Value
Name CDD_CDDDataAccessBfr_Cnt_G_u16	Input Value
CDD_CDDDdtaAccessBir_Cii_G_u16 CDD_CorrMtrCurrPosition_Rev_G_f32[0]	4898.12012
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	6966.58008
CDD CorrectedElecMtrPos Rev G u0p16[0]	0
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	0
CDD_CumMechMtrPos_Rev_G_s15p16[0]	30801
CDD_CumMechMtrPos_Rev_G_s15p16[1]	31457
CDD_Die1RxError_Cnt_G_u16[0]	3930
CDD_Die1RxError_Cnt_G_u16[1]	5470
CDD_Die1RxMtrPos_Cnt_G_u16[0]	3446
CDD_Die1RxMtrPos_Cnt_G_u16[1]	4722
CDD_Die1RxRevCtr_Cnt_G_u16[0]	3688
CDD_Die1RxRevCtr_Cnt_G_u16[1]	5096
CDD_Die2RxError_Cnt_G_u16[0]	3809
CDD_Die2RxError_Cnt_G_u16[1]	5283
CDD_Die2RxMtrPos_Cnt_G_u16[0]	3325
CDD_Die2RxMtrPos_Cnt_G_u16[1]	4535
CDD_Die2RxRevCtr_Cnt_G_u16[0]	3567
CDD_Die2RxRevCtr_Cnt_G_u16[1] CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	4909 4898
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0] CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	6966
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0] CDD_MechMtrPos2TimeStamp_uSec_G_u32[0]	4656
CDD_MechMtrPos2TimeStamp_uSec_G_u32[1]	6592
CDD_ModIdxFinal_Uls_G_u16p16[0]	8165
CDD_ModIdxFinal_Uls_G_u16p16[1]	8172
CDD MtrCurr1 Volts G f32[0]	2.01401401
CDD_MtrCurr1_Volts_G_f32[1]	1.01401401
CDD_MtrCurr2_Volts_G_f32[0]	2.01401401
CDD_MtrCurr2_Volts_G_f32[1]	1.01401401
CDD_MtrCurrDax_Amp_G_f32[0]	74.1699982
CDD_MtrCurrDax_Amp_G_f32[1]	96.0390015
CDD_MtrCurrK1_Amps_G_f32[0]	46.4199982
CDD_MtrCurrK1_Amps_G_f32[1]	56.9500008
CDD_MtrCurrK2_Amps_G_f32[0]	-87.8199997
CDD_MtrCurrK2_Amps_G_f32[1]	-69.1600037
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	-210.660004
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	-161.350006
CDD_MtrCurrQax_Amp_G_f32[0]	192.830994
CDD_MtrCurrQax_Amp_G_f32[1]	203.834
CDD_PWMDutyCycleASum_Cnt_G_u32[0] CDD_PWMDutyCycleASum_Cnt_G_u32[1]	2720 3600
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	3567
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	4910
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	5503
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	7901
CDD_PhaseAdvFinal_Cnt_G_u16[0]	246
CDD_PhaseAdvFinal_Cnt_G_u16[1]	536
CDD_RxMtrPos1ParityAccum_Cnt_G_u16[0]	3204
CDD_RxMtrPos1ParityAccum_Cnt_G_u16[1]	4348
CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[0]	3325
CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[1]	4535
CDD_SysCVSwitchADC_Cnt_G_u16[0]	5140
CDD_SysCVSwitchADC_Cnt_G_u16[1]	7340
CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[0]	0
CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[1]	55050
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	0
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	40632
PXAccumPrev_Cnt_M_u32[0]	190
PXAccumPrev_Cnt_M_u32[1]	192
PXAccumPrev_Cnt_M_u32[2]	83639
Rte_Inst_Sa_CDDInterface	tgt_Rte_Inst_Sa_CDDInterface
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	145998
E HETETOGRAMI UN FIOUIGIII ST. PZACC LIIIEIIIOIV. UAIA WOID	146019

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Name	Input Value		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr1_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_	_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr2_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_	_f32	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32$	tgt_CDDInterface_Per1_CorrMtrCurrPosition_	_Rev_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CumMechMtrPos_Rev_f32	tgt_CDDInterface_Per1_CumMechMtrPos_R	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxError_Cnt_u16 tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_	tgt_CDDInterface_Per1_Die1RxError_Cnt_u1 target_CDDInterface_Per1_Die1UnderVoltgF		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxMtrPos_Cnt_u16	tgt CDDInterface Per1 Die1RxMtrPos Cnt		
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 Die1RxRevCtr Cnt u16	tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxError_Cnt_u16	tgt_CDDInterface_Per1_Die2RxError_Cnt_u1		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxMtrPos_Cnt_u16	tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_	_u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxRevCtr_Cnt_u16	tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_	_u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeA_	Cnt_u32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeB_	· -	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeC_	-	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_LRPRPhaseadvanceCaptured_	tgt_CDDInterface_Per1_LRPRPhaseadvance		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32 tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeA_ tgt_CDDInterface_Per1_MeasuredOnTimeB_	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeC_		
tqt Rte Inst Sa CDDInterface.CDDInterface Per1 MechMtrPos1TimeStamp USe			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MechMtrPos2TimeStamp_USe			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ModIdxFinal_Uls_f32	tgt_CDDInterface_Per1_ModIdxFinal_Uls_f33		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrDax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrDax_Amp_f3	32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK1_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32	2	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK2_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32	2	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32	tgt_CDDInterface_Per1_MtrCurrQaxFinalRef	_Amp_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrQax_Amp_f3		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCVSwitchADC_Cnt_u16	tgt_CDDInterface_Per1_SysCVSwitchADC_0	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCorrectedElecMtrPos_Rev_ tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_UncorrMechMtrPos1_Rev_u0p	tgt_CDDInterface_Per1_SysCorrectedElecMt		
	tgt_CDDInterface_Per1_UncorrMechMtrPos1 Actual Value	Expected Value	Result
Name CDD_CDDDataAccessBfr_Cnt_G_u16	0	0	Result
PXAccumPrev Cnt M u32[0]	18249	18249	~
			-
PXAccumPrey_Cnt_M_u32[1] PXAccumPrey_Cnt_M_u32[2]	18252 18252	18252 18252	
PXAccumPrev_Cnt_M_u32[1]	18252	18252	~
PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2]	18252 18252	18252 18252	~
PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	18252 18252 4535	18252 18252 4535	· · · · · · · · · · · · · · · · · · ·
PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value	18252 18252 4535 1.01401401 1.01401401 6966.58008	18252 18252 4535 1.01401401 ± 0.0625 1.01401401 ± 0.0625 6966.58008	***
PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value	18252 18252 4535 1.01401401 1.01401401 6966.58008	18252 18252 4535 1.01401401 ± 0.0625 1.01401401 ± 0.0625 6966.58008	· · · · · · · · · · · · · · · · · · ·
PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value	18252 18252 4535 1.01401401 1.01401401 6966.58008 0	18252 18252 4535 1.01401401 ± 0.0625 1.01401401 ± 0.0625 6966.58008 0	***
PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CurmMechMtrPos_Rev_f32.value	18252 18252 4535 1.01401401 1.01401401 6966.58008 0 0	18252 18252 4535 1.01401401 ± 0.0625 1.01401401 ± 0.0625 6966.58008 0 0 0.479995728 ± 0.0625	· · · · · · · · · · · · · · · · · · ·
PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value	18252 18252 4535 1.01401401 1.01401401 6966.58008 0 0 0.479995728 5470	18252 18252 4535 1.01401401 ± 0.0625 1.01401401 ± 0.0625 6966.58008 0 0 0.479995728 ± 0.0625 5470	· · · · · · · · · · · · · · · · · · ·
PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value	18252 18252 4535 1.01401401 1.01401401 6966.58008 0 0 0.479995728 5470 4722	18252 18252 4535 1.01401401 ± 0.0625 1.01401401 ± 0.0625 6966.58008 0 0 0.479995728 ± 0.0625 5470 4722	· · · · · · · · · · · · · · · · · · ·
PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value	18252 18252 4535 1.01401401 1.01401401 6966.58008 0 0 0.479995728 5470 4722 5096	18252 18252 4535 1.01401401 ± 0.0625 1.01401401 ± 0.0625 6966.58008 0 0 0.479995728 ± 0.0625 5470	· · · · · · · · · · · · · · · · · · ·
PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value	18252 18252 4535 1.01401401 1.01401401 6966.58008 0 0 0.479995728 5470 4722	18252 18252 4535 1.01401401 ± 0.0625 1.01401401 ± 0.0625 6966.58008 0 0 0.479995728 ± 0.0625 5470 4722 5096	· · · · · · · · · · · · · · · · · · ·
PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value	18252 18252 4535 1.01401401 1.01401401 6966.58008 0 0 0.479995728 5470 4722 5096 5283	18252 18252 4535 1.01401401 ± 0.0625 1.01401401 ± 0.0625 6966.58008 0 0 0.479995728 ± 0.0625 5470 4722 5096 5283	***************************************
PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value	18252 18252 4535 1.01401401 1.01401401 6966.58008 0 0 0.479995728 5470 4722 5096 5283 4535	18252 18252 4535 1.01401401 ± 0.0625 1.01401401 ± 0.0625 6966.58008 0 0 0.479995728 ± 0.0625 5470 4722 5096 5283 4535	***************************************
PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value	18252 18252 4535 1.01401401 1.01401401 6966.58008 0 0 0.479995728 5470 4722 5096 5283 4535 4909	18252 18252 4535 1.01401401 ± 0.0625 1.01401401 ± 0.0625 6966.58008 0 0 0.479995728 ± 0.0625 5470 4722 5096 5283 4535 4909	***************************************
PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value	18252 18252 4535 1.01401401 1.01401401 6966.58008 0 0 0.479995728 5470 4722 5096 5283 4535 4909 3600 4910 7901	18252 18252 4535 1.01401401 ± 0.0625 1.01401401 ± 0.0625 6966.58008 0 0 0.479995728 ± 0.0625 5470 4722 5096 5283 4535 4909 3600 4910 7901	***************************************
PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_g32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value	18252 18252 4535 1.01401401 1.01401401 6966.58008 0 0 0.479995728 5470 4722 5096 5283 4535 4909 3600 4910 7901 50	18252 18252 4535 1.01401401 ± 0.0625 1.01401401 ± 0.0625 6966.58008 0 0 0.479995728 ± 0.0625 5470 4722 5096 5283 4535 4909 3600 4910 7901 50	***************************************
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PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MchMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MchMtrCurrK1_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value	18252 18252 4535 1.01401401 1.01401401 6966.58008 0 0 0.479995728 5470 4722 5096 5283 4535 4909 3600 4910 7901 50 18059 18060 536805525 6966 6592 0.124694824 96.0390015 56.9500008 -69.1600037	18252 18252 4535 1.01401401 ± 0.0625 1.01401401 ± 0.0625 6966.58008 0 0 0.479995728 ± 0.0625 5470 4722 5096 5283 4535 4909 3600 4910 7901 50 18059 18060 536805525 6966 6592 0.124694824 ± 0.0625 96.0390015 56.9500008 -69.1600037	· · · · · · · · · · · · · · · · · · ·
PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeS_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeS_Cnt_u32.value tgt_CDDInterface_Per1_MeoldxFinal_Uls_f32.value tgt_CDDInterface_Per1_MeoldxFinal_Uls_f32.value tgt_CDDInterface_Per1_MeoldxFinal_Uls_f32.value tgt_CDDInterface_Per1_McUrrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_FinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_FinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value	18252 18252 4535 1.01401401 1.01401401 6966.58008 0 0 0.479995728 5470 4722 5096 5283 4535 4909 3600 4910 7901 50 18059 18060 536805525 6966 6592 0.124694824 96.0390015 56.9500008 -69.1600037 -161.350006 203.834 4348	18252 18252 4535 1.01401401±0.0625 1.01401401±0.0625 6966.58008 0 0 0.479995728±0.0625 5470 4722 5096 5283 4535 4909 3600 4910 7901 50 18059 18060 536805525 6966 6592 0.124694824±0.0625 96.0390015 56.9500008 -69.1600037 -161.350006 203.834 4348	· · · · · · · · · · · · · · · · · · ·
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PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeS_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeS_Cnt_u32.value tgt_CDDInterface_Per1_MeoldxFinal_Uls_f32.value tgt_CDDInterface_Per1_MeoldxFinal_Uls_f32.value tgt_CDDInterface_Per1_MeoldxFinal_Uls_f32.value tgt_CDDInterface_Per1_McUrrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_FinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_FinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value	18252 18252 4535 1.01401401 1.01401401 6966.58008 0 0 0.479995728 5470 4722 5096 5283 4535 4909 3600 4910 7901 50 18059 18060 536805525 6966 6592 0.124694824 96.0390015 56.9500008 -69.1600037 -161.350006 203.834 4348	18252 18252 4535 1.01401401±0.0625 1.01401401±0.0625 6966.58008 0 0 0.479995728±0.0625 5470 4722 5096 5283 4535 4909 3600 4910 7901 50 18059 18060 536805525 6966 6592 0.124694824±0.0625 96.0390015 56.9500008 -69.1600037 -161.350006 203.834 4348)





Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
CDDPorts_ClearPhsReasSum	1	CDDPorts_ClearPhsReasSum	1	~

Test Step 2.73 (Repeat Count = 1)	→
Name	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16	1
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	5019.12012
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	7153.83984
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	65535
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	65535
CDD_CumMechMtrPos_Rev_G_s15p16[0]	-3211
CDD_CumMechMtrPos_Rev_G_s15p16[1]	-3276
CDD_Die1RxError_Cnt_G_u16[0] CDD_Die1RxError_Cnt_G_u16[1]	100 150
CDD_Die1RxMtrPos_Cnt_G_u16[0]	3567
CDD_Die1RxMtrPos_Cnt_G_u16[1]	4909
CDD_Die1RxRevCtr_Cnt_G_u16[0]	3809
CDD_Die1RxRevCtr_Cnt_G_u16[1]	5283
CDD_Die2RxError_Cnt_G_u16[0]	3930
CDD_Die2RxError_Cnt_G_u16[1]	5470
CDD_Die2RxMtrPos_Cnt_G_u16[0]	3446
CDD_Die2RxMtrPos_Cnt_G_u16[1]	4722
CDD_Die2RxRevCtr_Cnt_G_u16[0]	3688
CDD_Die2RxRevCtr_Cnt_G_u16[1]	5096
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	5019
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	7153
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0]	4777
CDD_MechMtrPos2TimeStamp_uSec_G_u32[1] CDD_ModldxFinal_Uls_G_u16p16[0]	6779 16174
CDD_ModIdxFinal_UIs_G_u16p16[1]	16180
CDD MtrCurr1 Volts G f32[0]	2.01426888
CDD_MtrCurr1_Volts_G_f32[1]	4.01426888
CDD_MtrCurr2_Volts_G_f32[0]	1.01426876
CDD_MtrCurr2_Volts_G_f32[1]	4.01426888
CDD_MtrCurrDax_Amp_G_f32[0]	30.8600006
CDD_MtrCurrDax_Amp_G_f32[1]	26.5900002
CDD_MtrCurrK1_Amps_G_f32[0]	72.3700027
CDD_MtrCurrK1_Amps_G_f32[1]	88.3199997
CDD_MtrCurrK2_Amps_G_f32[0]	70.8300018
CDD_MtrCurrK2_Amps_G_f32[1]	90.5599976
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	-25.5799999
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	-20.4699993
CDD_MtrCurrQax_Amp_G_f32[0]	141.156998 151.380005
CDD_MtrCurrQax_Amp_G_f32[1] CDD PWMDutyCycleASum Cnt G u32[0]	2841
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	3787
CDD PWMDutyCycleBSum Cnt G u32[0]	6567
CDD PWMDutyCycleBSum Cnt G u32[1]	8910
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	5624
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	8088
CDD_PhaseAdvFinal_Cnt_G_u16[0]	254
CDD_PhaseAdvFinal_Cnt_G_u16[1]	592
CDD_RxMtrPos1ParityAccum_Cnt_G_u16[0]	3325
CDD_RxMtrPos1ParityAccum_Cnt_G_u16[1]	4535
CDD_RxMtrPos1UnderVoltgFitAccum_Cnt_u16[0]	3446
CDD_RxMtrPos1UnderVoltgFitAccum_Cnt_u16[1]	4722
CDD_SysCVSwitchADC_Cnt_G_u16[0]	5261
CDD_SysCVSwitchADC_Cnt_G_u16[1] CDD_SysCorrectedElectAtrDes_Peyr C_u0p16[0]	7527
CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[0] CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[1]	55050 55705
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	40632
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	41288
PXAccumPrev_Cnt_M_u32[0]	2962
PXAccumPrev_Cnt_M_u32[1]	3974
PXAccumPrev_Cnt_M_u32[2]	84864
Rte_Inst_Sa_CDDInterface	tgt_Rte_Inst_Sa_CDDInterface
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	146005
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	146026
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	146026

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Name	Input Value		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr1_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr1_Volts	f32	
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 ADCMtrCurr2 Volts f32	tgt CDDInterface Per1 ADCMtrCurr2 Volts		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32	tgt_CDDInterface_Per1_CorrMtrCurrPosition		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0			
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 CumMechMtrPos Rev f32	tgt_CDDInterface_Per1_CumMechMtrPos_R	:	
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 Die1RxError Cnt u16	tgt_CDDInterface_Per1_Die1RxError_Cnt_u^	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_	target_CDDInterface_Per1_Die1UnderVoltgF		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxMtrPos_Cnt_u16	tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxRevCtr_Cnt_u16	tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt	u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxError_Cnt_u16	tgt_CDDInterface_Per1_Die2RxError_Cnt_u	16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxMtrPos_Cnt_u16	tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_	_u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxRevCtr_Cnt_u16	tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_	u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeA_	Cnt_u32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeB_	Cnt_u32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeC_	Cnt_u32	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_LRPRPhase advance Captured_Per1_LRPRPhase advance Captured_Per1_LRPRPPhase Advance Captured_$	tgt_CDDInterface_Per1_LRPRPhaseadvance	eCaptured_Cnt_s16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeA_	_Cnt_u32	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32$	tgt_CDDInterface_Per1_MeasuredOnTimeB_	_Cnt_u32	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32$	tgt_CDDInterface_Per1_MeasuredOnTimeC_	_Cnt_u32	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MechMtrPos1TimeStamp_USerset = 0.0000000000000000000000000000000000$	tgt_CDDInterface_Per1_MechMtrPos1TimeS	tamp_USec_u32	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MechMtrPos2TimeStamp_USerserserserserserserserserserserserserse$	tgt_CDDInterface_Per1_MechMtrPos2TimeS	tamp_USec_u32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ModIdxFinal_UIs_f32	tgt_CDDInterface_Per1_ModIdxFinal_Uls_f3	2	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrDax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrDax_Amp_f3	32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK1_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32	2	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK2_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32	2	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32	tgt_CDDInterface_Per1_MtrCurrQaxFinalRef	_Amp_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrQax_Amp_f3	32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u	tgt_CDDInterface_Per1_RxMtrPos1ParityAcc	cum_Cnt_u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCVSwitchADC_Cnt_u16	tgt_CDDInterface_Per1_SysCVSwitchADC_0	Cnt_u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCorrectedElecMtrPos_Rev_	tgt_CDDInterface_Per1_SysCorrectedElecMi		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_UncorrMechMtrPos1_Rev_u0p	tgt_CDDInterface_Per1_UncorrMechMtrPos1	_Rev_u0p16	
Manage and the second s	Actual Value		
Name	Actual value	Expected Value	Result
Name CDD_CDDDataAccessBfr_Cnt_G_u16	0	0	Result
	0 18250	0 18250	·
CDD_CDDDataAccessBfr_Cnt_G_u16	0 18250 18253	0 18250 18253	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2]	0 18250 18253 18253	0 18250 18253 18253	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	0 18250 18253 18253 4722	0 18250 18253 18253 4722	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value	0 18250 18253 18253 4722 4.01426888	0 18250 18253 18253 4722 4.01426888 ± 0.0625	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value	0 18250 18253 18253 4722 4.01426888 4.01426888	0 18250 18253 18253 4722 4.01426888 ± 0.0625 4.01426888 ± 0.0625	· · · · · · · · · · · · · · · · · · ·
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value	0 18250 18253 18253 4722 4.01426888 4.01426888 7153.83984	0 18250 18253 18253 4722 4.01426888 ± 0.0625 4.01426888 ± 0.0625 7153.83984	~
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value	0 18250 18253 18253 4722 4.01426888 4.01426888 7153.83984 0.999984741	0 18250 18253 18253 4722 4.01426888 ± 0.0625 4.01426888 ± 0.0625 7153.83984 0.999984741	· · · · · · · · · · · · · · · · · · ·
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value	0 18250 18253 18253 4722 4.01426888 4.01426888 7153.83984 0.999984741 65535	0 18250 18253 18253 4722 4.01426888 ± 0.0625 4.01426888 ± 0.0625 7153.83984 0.999984741 65535	~
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CurmMechMtrPos_Rev_f32.value	0 18250 18253 18253 4722 4.01426888 4.01426888 7153.83984 0.999984741 65535 -0.049987793	0 18250 18253 18253 4722 4.01426888 ± 0.0625 4.01426888 ± 0.0625 7153.83984 0.999984741 65535 -0.0500030518 ± 0.0625	· · · · · · · · · · · · · · · · · · ·
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value	0 18250 18253 18253 4722 4.01426888 4.01426888 7153.83984 0.999984741 65535 -0.049987793 150	0 18250 18253 18253 4722 4.01426888 ± 0.0625 4.01426888 ± 0.0625 7153.83984 0.999984741 65535 -0.0500030518 ± 0.0625 150	0
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value	0 18250 18253 18253 4722 4.01426888 4.01426888 7153.83984 0.999984741 65535 -0.049987793 150 4909	0 18250 18253 18253 4722 4.01426888 ± 0.0625 4.01426888 ± 0.0625 7153.83984 0.999984741 65535 -0.0500030518 ± 0.0625 150 4909	~
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CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value	0 18250 18253 18253 18253 4722 4.01426888 4.01426888 7153.83984 0.999984741 65535 -0.049987793 150 4909 5283 5470 4722	0 18250 18253 18253 18253 4722 4.01426888 ± 0.0625 4.01426888 ± 0.0625 7153.83984 0.999984741 65535 -0.0500030518 ± 0.0625 150 4909 5283 5470 4722	
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CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_McolldxFinal_UIs_f32.value tgt_CDDInterface_Per1_McolldxFinal_UIs_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value	0 18250 18253 18253 18253 4722 4.01426888 4.01426888 7153.83984 0.999984741 65535 -0.049987793 150 4909 5283 5470 4722 5096 3787 8910 8088 55 15288 14279 536804301 7153 6779 0.246887207 26.5900002 88.319997 90.5599976 -20.4699993 151.380005 4535	0 18250 18253 18253 18253 4722 4.01426888 ± 0.0625 4.01426888 ± 0.0625 7153.83984 0.999984741 65535 -0.0500030518 ± 0.0625 150 4909 5283 5470 4722 5096 3787 8910 8088 55 15288 14279 536804301 7153 6779 0.246902466 ± 0.0625 26.5900002 88.319997 90.5599976 -20.4699993 151.380005 4535	· · · · · · · · · · · · · · · · · · ·





Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
CDDPorts_ClearPhsReasSum	1	CDDPorts_ClearPhsReasSum	1	~

Test Step 2.74 (Repeat Count = 1)	✓
Name	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16	0
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	5140.75
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	7340.50977
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	0
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	47841
CDD_CumMechMtrPos_Rev_G_s15p16[0]	3342 3407
CDD_CumMechMtrPos_Rev_G_s15p16[1] CDD_Die1RxError_Cnt_G_u16[0]	126
CDD_Die1RxError_Cnt_G_u16[1]	156
CDD_Die1RxMtrPos_Cnt_G_u16[0]	3688
CDD_Die1RxMtrPos_Cnt_G_u16[1]	5096
CDD_Die1RxRevCtr_Cnt_G_u16[0]	3930
CDD_Die1RxRevCtr_Cnt_G_u16[1]	5470
CDD_Die2RxError_Cnt_G_u16[0]	100
CDD_Die2RxError_Cnt_G_u16[1]	150
CDD_Die2RxMtrPos_Cnt_G_u16[0]	3567
CDD_Die2RxMtrPos_Cnt_G_u16[1]	4909
CDD_Die2RxRevCtr_Cnt_G_u16[0]	3809
CDD_Die2RxRevCtr_Cnt_G_u16[1] CDD_MechMtrPoedTimeStamp_uSec_G_u32[0]	5283
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0] CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	5140 7340
CDD MechMtrPos2TimeStamp_uSec_G_u32[1]	4898
CDD_MechMtrPos2TimeStamp_uSec_G_u32[1]	6966
CDD_ModIdxFinal_Uls_G_u16p16[0]	26981
CDD_ModIdxFinal_Uls_G_u16p16[1]	26987
CDD_MtrCurr1_Volts_G_f32[0]	2.01452351
CDD_MtrCurr1_Volts_G_f32[1]	1.01452363
CDD_MtrCurr2_Volts_G_f32[0]	2.01452351
CDD_MtrCurr2_Volts_G_f32[1]	1.01452363
CDD_MtrCurrDax_Amp_G_f32[0]	55.5800018
CDD_MtrCurrDax_Amp_G_f32[1]	76.9499969
CDD_MtrCurrK1_Amps_G_f32[0]	-35.7999992
CDD_MtrCurrK1_Amps_G_f32[1] CDD_MtrCurrK2_Amps_G_f32[0]	30.6900005 72.5
CDD_MtrCurrK2_Amps_G_f32[1]	93.2900009
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	46.4199982
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	56.9500008
CDD_MtrCurrQax_Amp_G_f32[0]	100.264999
CDD_MtrCurrQax_Amp_G_f32[1]	110.487999
CDD_PWMDutyCycleASum_Cnt_G_u32[0]	190
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	192
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	7688
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	9097
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	5745
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	8275
CDD_PhaseAdvFinal_Cnt_G_u16[0] CDD_PhaseAdvFinal_Cnt_G_u16[1]	262 648
CDD RxMtrPos1ParityAccum Cnt G u16[0]	3446
CDD RxMtrPos1ParityAccum Cnt G u16[1]	4722
CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[0]	3567
CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[1]	4909
CDD_SysCVSwitchADC_Cnt_G_u16[0]	5382
CDD_SysCVSwitchADC_Cnt_G_u16[1]	7714
CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[0]	55705
CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[1]	56360
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	0
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	0
PXAccumPrev_Cnt_M_u32[0]	3083
PXAccumPrev_Cnt_M_u32[1]	4161
PXAccumPrev_Cnt_M_u32[2] Pta_Inst_Sa_CDDInterface	86089
Rte_Inst_Sa_CDDInterface e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	tgt_Rte_Inst_Sa_CDDInterface 946012
e_HETPROGRAMI_UN.Program1_ST.P1ACC_1.memory.data_word e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	346033
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	346033

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Name	Input Value		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr1_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr2_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_	_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32	tgt_CDDInterface_Per1_CorrMtrCurrPosition_	_Rev_f32	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPosFloat_Revenue and the property of the prop$	tgt_CDDInterface_Per1_CorrectedElecMtrPo	sFloat_Rev_f32	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0ptores and the property of the prop$	tgt_CDDInterface_Per1_CorrectedElecMtrPo	s_Rev_u0p16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CumMechMtrPos_Rev_f32	tgt_CDDInterface_Per1_CumMechMtrPos_Re	ev_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxError_Cnt_u16	tgt_CDDInterface_Per1_Die1RxError_Cnt_u1	16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_	target_CDDInterface_Per1_Die1UnderVoltgF	ItAccum_Cnt_u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxMtrPos_Cnt_u16	tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_	u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxRevCtr_Cnt_u16	tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_	u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxError_Cnt_u16	tgt_CDDInterface_Per1_Die2RxError_Cnt_u1	16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxMtrPos_Cnt_u16	tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_	u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxRevCtr_Cnt_u16	tgt CDDInterface Per1 Die2RxRevCtr Cnt		
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 ExpectedOnTimeA Cnt u32	tgt_CDDInterface_Per1_ExpectedOnTimeA_0		
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 ExpectedOnTimeB Cnt u32	tgt_CDDInterface_Per1_ExpectedOnTimeB_0		
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 ExpectedOnTimeC Cnt u32	tgt CDDInterface Per1 ExpectedOnTimeC		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_LRPRPhaseadvanceCaptured_	tgt_CDDInterface_Per1_LRPRPhaseadvance	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeA_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeB_	_	
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 MeasuredOnTimeC Cnt u32			
	tgt_CDDInterface_Per1_MeasuredOnTimeC_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MechMtrPos1TimeStamp_USe	tgt_CDDInterface_Per1_MechMtrPos1TimeS	·	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ModIdxFinal_Uls_f32	tgt_CDDInterface_Per1_ModIdxFinal_UIs_f32		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrDax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrDax_Amp_f3		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK1_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK2_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32	tgt_CDDInterface_Per1_MtrCurrQaxFinalRef	_Amp_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrQax_Amp_f3	32	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u$	tgt_CDDInterface_Per1_RxMtrPos1ParityAcc	cum_Cnt_u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCVSwitchADC_Cnt_u16	tgt_CDDInterface_Per1_SysCVSwitchADC_0	Cnt_u16	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCorrectedElecMtrPos_Rev_Inst_Sa_CDDInterface_Per1_SysCorrectedElecMtrPos_Rev_Inst_Sa_CDDInterface_Per1_SysCorrectedElecMtrPos_Rev_Inst_Sa_CDDInterface_Per1_SysCorrectedElecMtrPos_Rev_Inst_Sa_CDDInterface_Per1_SysCorrectedElecMtrPos_Rev_Inst_Sa_CDDInterface_Per1_SysCorrectedElecMtrPos_Rev_Inst_Sa_CDDInterface_Per1_SysCorrectedElecMtrPos_Rev_Inst_Sa_CDDInterface_Per1_SysCorrectedElecMtrPos_Rev_Inst_Sa_CDDInterface_Per1_SysCorrectedElecMtrPos_Rev_Inst_Sa_CDDInterface_Per1_SysCorrectedElecMtrPos_Rev_Inst_Sa_CDDInterface_Per1_SysCorrectedElecMtrPos_Rev_Inst_Sa_CDDInterface_Per1_SysCorrectedElecMtrPos_Rev_Inst_Sa_CDDInterface_Per1_SysCorrectedElecMtrPos_Rev_Inst_Sa_CDDInterface_Per1_SysCorrectedElecMtrPos_Rev_Inst_Sa_CDDInterface_Per1_SysCorrectedElecMtrPos_Rev_Inst_Sa_CDDInterface_Per1_SysCorrectedElecMtrPos_Sa_CDDInterface_Per1_SysCorrectedEl$	tgt_CDDInterface_Per1_SysCorrectedElecMt	rPos_Rev_f32	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_UncorrMechMtrPos1_Rev_u0p^-Inst_Sa_CDDInterface.CDDInterface_Per1_UncorrMechMtrPos1_Rev_u0p^-Inst_Sa_CDDInterface.CDDInterface_Per1_UncorrMechMtrPos1_Rev_u0p^-Inst_Sa_CDDInterface.CDDInterface_Per1_UncorrMechMtrPos1_Rev_u0p^-Inst_Sa_CDDInterface_Per1_UncorrMechMtrPos1_Rev_u0p^-Inst_Sa_CDDInterface_Per1_UncorrMechMtrPos1_Rev_u0p^-Inst_Sa_CDDInterface_Per1_UncorrMechMtrPos1_Rev_u0p^-Inst_Sa_CDDInterface_Per1_UncorrMechMtrPos1_Rev_u0p^-Inst_Sa_CDDInterface_Per1_UncorrMechMtrPos1_Rev_u0p^-Inst_Sa_CDDInterface_Per1_UncorrMechMtrPos1_Rev_u0p^-Inst_Sa_CDDInterface_Per1_UncorrMechMtrPos1_Rev_u0p^-Inst_Sa_CDDInterface_Per1_UncorrMechMtrPos1_Rev_u0p^-Inst_Sa_CDDInterface_Per1_UncorrMechMtrPos1_Rev_u0p^-Inst_Sa_CDDInterface_Per1_UncorrMechMtrPos1_Rev_u0p^-Inst_Sa_CDDInterface_Per1_UncorrMechMtrPos1_Rev_u0p^-Inst_Sa_CDDInterface_Per1_UncorrMechMtrPos1_Rev_u0p^-Inst_Sa_CDDInterface_Per1_UncorrMechMtrPos1_Rev_u0p^-Inst_Sa_CDDInterface_Per1_UncorrMechMtrPos1_Rev_u0p^-Inst_Sa_CDInterface_Per1_UncorrMechMtrPos1_Rev_u0p^-Inst_Sa_CDInterface_Per1_UncorrMechMtrPos1_Rev_u0p^-Inst_Sa_CDInterface_Per1_UncorrMechMtrPos1_Rev_u0p^-Inst_Sa_CDInterface_Per1_UncorrMechMtrPos1_Rev_u0p^-Inst_Sa_CDInterface_Per1_UncorrMechMtrPos1_Rev_u0p^-Inst_Sa_CDInterface_Per1_UncorrMechMtrPos1_Rev_u0p^-Inst_Sa_CDInterface_Per1_UncorrMechMtrPos1_Rev_u0p^-Inst_Sa_CDInterface_Per1_UncorrMechMtrPos1_Rev_u0p^-Inst_Sa_CDInterface_Per1_UncorrMechMtrPos1_Rev_u0p^-Inst_Sa_CDInterface_Per1_UncorrMechMtrPos1_Rev_u0p^-Inst_Sa_CDInterface_Per1_UncorrMechMtrPos1_Rev_u0p^-Inst_Sa_CDInterface_Per1_UncorrMechMtrPos1_Rev_u0p^-Inst_Sa_CDInterface_Per1_UncorrMechMtrPos1_Rev_u0p^-Inst_Sa_CDInterface_Per1_UncorrMechMtrPos1_Rev_u0p^-Inst_Sa_CDInterface_Per1_UncorrMechMtrPos1_Rev_u0p^-Inst_Sa_CDInterface_Per1_UncorrMechMtrPos1_Rev_u0p^-Inst_Sa_CDInterface_Per1_UncorrMechMtrPos1_Rev_u0p^-Inst_Sa_CDInterface_Per1_UncorrMechMtrPos1_Rev_u0p^-Inst_Sa_CDInterface_Per1_UncorrMechMtrPos1_UncorrMechMtrPos1_UncorrMechMtrPos1_UncorrMechMtrPo$	tgt_CDDInterface_Per1_UncorrMechMtrPos1	_Rev_u0p16	
Name	Actual Value	Expected Value	Result
Humo			
	1	1	~
CDD_CDDDataAccessBfr_Cnt_G_u16	1 118251	1 118251	✓
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0]			٧ ٧ ٧
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1]	118251	118251	
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2]	118251 43254 43254	118251 43254 43254	~
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	118251 43254 43254 3567	118251 43254 43254 3567	\ \ \
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value	118251 43254 43254 3567 2.01452351	118251 43254 43254 3567 2.01452351 ± 0.0625	~
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value	118251 43254 43254 3367 2.01452351 2.01452351	118251 43254 43254 3567 2.01452351 ± 0.0625 2.01452351 ± 0.0625	· · · · · ·
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value	118251 43254 43254 3567 2.01452351 2.01452351 5140.75	118251 43254 43254 3567 2.01452351 ± 0.0625 2.01452351 ± 0.0625 5140.75	\rightarrow \right
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value	118251 43254 43254 3367 2.01452351 2.01452351 5140.75	118251 43254 43254 3567 2.01452351 ± 0.0625 2.01452351 ± 0.0625 5140.75	· · · · · · · · · · · · · · · · · · ·
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value	118251 43254 43254 3567 2.01452351 2.01452351 5140.75 0	118251 43254 43254 3567 2.01452351 ± 0.0625 2.01452351 ± 0.0625 5140.75 0	· · · · · · · · · · · · · · · · · · ·
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value	118251 43254 43254 3567 2.01452351 2.01452351 5140.75 0 0	118251 43254 43254 3567 2.01452351 ± 0.0625 2.01452351 ± 0.0625 5140.75 0 0 0.050994873 ± 0.0625	· · · · · · · · · · · · · · · · · · ·
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CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MensuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MensuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MendMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MetCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrR1_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrR2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_FinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_FinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_FinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_FinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_FinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCur	118251 43254 43254 43254 3567 2.01452351 2.01452351 5140.75 0 0 0.050994873 126 3688 3930 100 3567 3809 190 7688 5745 24 115168 39093 536828077 5140 4898 0.411697388 55.5800018 -35.7999992 72.5 46.4199982 100.264999 3446 5382	118251 43254 43254 33567 2.01452351 ± 0.0625 2.01452351 ± 0.0625 5140.75 0 0 0.050994873 ± 0.0625 126 3688 3930 100 3567 3809 190 7688 5745 24 115168 39093 536828077 5140 4898 0.411697388 ± 0.0625 55.5800018 -35.7999992 72.5 46.4199982 100.264999 3446 5382	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \



Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Resu
CDDPorts ClearPhsReasSum	1	CDDPorts ClearPhsReasSum	1	

Fest Step 2.75 (Repeat Count = 1)	Input Value
Name CDD_CDDDataAccessBfr_Cnt_G_u16	Input Value
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	5140.75
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	7340.50977
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	0
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	47841
CDD_CumMechMtrPos_Rev_G_s15p16[0]	3342
CDD_CumMechMtrPos_Rev_G_s15p16[1]	3407
DD Die1RxError Cnt G u16[0]	126
CDD_Die1RxError_Cnt_G_u16[1]	156
CDD Die1RxMtrPos Cnt G u16[0]	3688
DD_Die1RxMtrPos_Cnt_G_u16[1]	5096
DD Die1RxRevCtr Cnt G u16[0]	3930
DD_Die1RxRevCtr_Cnt_G_u16[1]	5470
DD_Die2RxError_Cnt_G_u16[0]	100
DD_Die2RxError_Cnt_G_u16[1]	150
DD_Die2RxMtrPos_Cnt_G_u16[0]	3567
DD_Die2RxMtrPos_Cnt_G_u16[1]	4909
DD_Die2RxRevCtr_Cnt_G_u16[0]	3809
DD_Die2RxRevCtr_Cnt_G_u16[1]	5283
DD_MechMtrPos1TimeStamp_uSec_G_u32[0]	5140
DD_MechMtrPos1TimeStamp_uSec_G_u32[1]	7340
DD_MechMtrPos2TimeStamp_uSec_G_u32[0]	4898
DD_MechMtrPos2TimeStamp_uSec_G_u32[1]	6966
DD_ModldxFinal_Uls_G_u16p16[0]	26981
DD_ModldxFinal_Uls_G_u16p16[1]	26987
DD_MtrCurr1_Volts_G_f32[0]	2.01452351
DD_MtrCurr1_Volts_G_f32[1]	1.01452363
DD_MtrCurr2_Volts_G_f32[0]	2.01452351
DD_MtrCurr2_Volts_G_f32[1]	1.01452363
DD_MtrCurrDax_Amp_G_f32[0]	55.5800018
DD_MtrCurrDax_Amp_G_f32[1]	76.9499969
CDD_MtrCurrK1_Amps_G_f32[0]	-35.7999992
CDD_MtrCurrK1_Amps_G_f32[1]	30.6900005
DD_MtrCurrK2_Amps_G_f32[0]	72.5
CDD_MtrCurrK2_Amps_G_f32[1]	93.2900009
DD_MtrCurrQaxFinalRef_Amp_G_f32[0]	46.4199982
DD_MtrCurrQaxFinalRef_Amp_G_f32[1]	56.9500008
DD_MtrCurrQax_Amp_G_f32[0]	100.264999
DD_MtrCurrQax_Amp_G_f32[1]	110.487999
DD_PWMDutyCycleASum_Cnt_G_u32[0]	190
DD_PWMDutyCycleASum_Cnt_G_u32[1]	192
DD_PWMDutyCycleBSum_Cnt_G_u32[0]	7688
DD_PWMDutyCycleBSum_Cnt_G_u32[1]	9097
DD_PWMDutyCycleCSum_Cnt_G_u32[0]	5745
DD_PWMDutyCycleCSum_Cnt_G_u32[1]	8275
DD_PhaseAdvFinal_Cnt_G_u16[0]	262
DD_PhaseAdvFinal_Cnt_G_u16[1]	648
DD_RxMtrPos1ParityAccum_Cnt_G_u16[0]	3446
DD_RxMtrPos1ParityAccum_Cnt_G_u16[1]	4722
DD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[0]	3688
DD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[1]	5096
DD_SysCVSwitchADC_Cnt_G_u16[0]	5382
DD_SysCVSwitchADC_Cnt_G_u16[1]	7714
DD_SysCorrectedElecMtrPos_Rev_G_u0p16[0]	55705
DD_SysCorrectedElecMtrPos_Rev_G_u0p16[1]	56360
DD_UncorrMechMtrPos1_Rev_G_u0p16[0]	0
DD_UncorrMechMtrPos1_Rev_G_u0p16[1]	0
XAccumPrev_Cnt_M_u32[0]	3083
XAccumPrev_Cnt_M_u32[1]	4161
XAccumPrev_Cnt_M_u32[2]	86089
Rte_Inst_Sa_CDDInterface	tgt_Rte_Inst_Sa_CDDInterface
HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	946012
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	346033
_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	346033

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Name	Input Value		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr1_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr1_Volts	_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr2_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr2_Volts	_f32	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32$	tgt_CDDInterface_Per1_CorrMtrCurrPosition	_Rev_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CumMechMtrPos_Rev_f32	tgt_CDDInterface_Per1_CumMechMtrPos_R	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxError_Cnt_u16 tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_	tgt_CDDInterface_Per1_Die1RxError_Cnt_u' target_CDDInterface_Per1_Die1UnderVoltgF		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxMtrPos_Cnt_u16	tgt CDDInterface Per1 Die1RxMtrPos Cnt		
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 Die1RxRevCtr Cnt u16	tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxError_Cnt_u16	tgt_CDDInterface_Per1_Die2RxError_Cnt_u^		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxMtrPos_Cnt_u16	tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_	u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxRevCtr_Cnt_u16	tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_	<u>u</u> 16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeA_	Cnt_u32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeB_	-	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeC_	-	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_LRPRPhaseadvanceCaptured_	tgt_CDDInterface_Per1_LRPRPhaseadvance		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32 tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeA_	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeD_Cin_u32	tgt_CDDInterface_Per1_MeasuredOnTimeB_ tgt_CDDInterface_Per1_MeasuredOnTimeC		
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 MechMtrPos1TimeStamp USe		-	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MechMtrPos2TimeStamp_USe			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ModIdxFinal_UIs_f32	tgt_CDDInterface_Per1_ModIdxFinal_Uls_f3:	. – –	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrDax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrDax_Amp_f3	32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK1_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32	2	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK2_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32	2	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32$	tgt_CDDInterface_Per1_MtrCurrQaxFinalRef	_Amp_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrQax_Amp_f3		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCVSwitchADC_Cnt_u16	tgt_CDDInterface_Per1_SysCVSwitchADC_0	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCorrectedElecMtrPos_Rev_	tgt_CDDInterface_Per1_SysCorrectedElecMi		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_UncorrMechMtrPos1_Rev_u0p	tgt_CDDInterface_Per1_UncorrMechMtrPos1 Actual Value	Expected Value	Result
Name CDD_CDDDataAccessBfr_Cnt_G_u16	1	1	Result
PXAccumPrey Cnt M u32[0]	118251	118251	
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1]	118251 43254	118251 43254	V
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2]	118251 43254 43254	118251 43254 43254	
PXAccumPrev_Cnt_M_u32[1]	43254	43254	~
PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2]	43254 43254	43254 43254	~
PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	43254 43254 3688	43254 43254 3688	· · · · · · · · · · · · · · · · · · ·
PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value	43254 43254 3688 2.01452351 2.01452351 5140.75	43254 43254 3688 2.01452351 ± 0.0625 2.01452351 ± 0.0625 5140.75	· · · · · · · · · · · · · · · · · · ·
PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value	43254 43254 3688 2.01452351 2.01452351 5140.75	43254 43254 3688 2.01452351 ± 0.0625 2.01452351 ± 0.0625 5140.75	· · · · · · · · · · · · · · · · · · ·
PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value	43254 43254 3688 2.01452351 2.01452351 5140.75 0	43254 43254 3688 2.01452351 ± 0.0625 2.01452351 ± 0.0625 5140.75 0	· · · · · · · · · · · · · · · · · · ·
PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CurmMechMtrPos_Rev_f32.value	43254 43254 3688 2.01452351 2.01452351 5140.75 0 0	43254 43254 3688 2.01452351 ± 0.0625 2.01452351 ± 0.0625 5140.75 0 0 0.050994873 ± 0.0625	· · · · · · · · · · · · · · · · · · ·
PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value	43254 43254 3688 2.01452351 2.01452351 5140.75 0 0 0.050994873 126	43254 43254 3688 2.01452351 ± 0.0625 2.01452351 ± 0.0625 5140.75 0 0 0.050994873 ± 0.0625 126	· · · · · · · · · · · · · · · · · · ·
PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value	43254 43254 3688 2.01452351 2.01452351 5140.75 0 0 0.050994873 126 3688	43254 43254 3688 2.01452351 ± 0.0625 2.01452351 ± 0.0625 5140.75 0 0 0.050994873 ± 0.0625 126 3688	· · · · · · · · · · · · · · · · · · ·
PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value	43254 43254 3688 2.01452351 2.01452351 5140.75 0 0 0.050994873 126	43254 43254 3688 2.01452351 ± 0.0625 2.01452351 ± 0.0625 5140.75 0 0 0.050994873 ± 0.0625 126	· · · · · · · · · · · · · · · · · · ·
PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value	43254 43254 3688 2.01452351 2.01452351 5140.75 0 0 0.050994873 126 3688 3930	43254 43254 3688 2.01452351 ± 0.0625 2.01452351 ± 0.0625 5140.75 0 0 0.050994873 ± 0.0625 126 3688 3930	· · · · · · · · · · · · · · · · · · ·
PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value	43254 43254 3688 2.01452351 2.01452351 5140.75 0 0 0.050994873 126 3688 3930 100	43254 43254 3688 2.01452351 ± 0.0625 2.01452351 ± 0.0625 5140.75 0 0 0.050994873 ± 0.0625 126 3688 3930 100	· · · · · · · · · · · · · · · · · · ·
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Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
CDDPorts_ClearPhsReasSum	1	CDDPorts_ClearPhsReasSum	1	~

Test Step 2.76 (Repeat Count = 1)	✓
Name	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16	1
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	5261.18018
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	7527.8501
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	47841
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	48497
CDD_CumMechMtrPos_Rev_G_s15p16[0]	-3473
CDD_CumMechMtrPos_Rev_G_s15p16[1]	-3538
CDD_Die1RxError_Cnt_G_u16[0]	2357
CDD_Die1RxError_Cnt_G_u16[1]	3039 3809
CDD_Die1RxMtrPos_Cnt_G_u16[0] CDD_Die1RxMtrPos_Cnt_G_u16[1]	5283
CDD_Die1RxRevCtr_Cnt_G_u16[0]	100
CDD_Die1RxRevCtr_Cnt_G_u16[1]	150
CDD_Die2RxError_Cnt_G_u16[0]	126
CDD_Die2RxError_Cnt_G_u16[1]	156
CDD_Die2RxMtrPos_Cnt_G_u16[0]	3688
CDD_Die2RxMtrPos_Cnt_G_u16[1]	5096
CDD_Die2RxRevCtr_Cnt_G_u16[0]	3930
CDD_Die2RxRevCtr_Cnt_G_u16[1]	5470
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	5261
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	7527
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0]	5019
CDD_MechMtrPos2TimeStamp_uSec_G_u32[1]	7153
CDD_ModIdxFinal_UIs_G_u16p16[0]	15230 15237
CDD_ModIdxFinal_Uls_G_u16p16[1] CDD MtrCurr1 Volts G f32[0]	2.01477838
CDD_MtrCurr1_Volts_G_f32[1]	1.01477838
CDD_MtrCurr2_Volts_G_f32[0]	1.01477838
CDD_MtrCurr2_Volts_G_f32[1]	2.01477838
CDD_MtrCurrDax_Amp_G_f32[0]	-97.4800034
CDD_MtrCurrDax_Amp_G_f32[1]	-70.6900024
CDD_MtrCurrK1_Amps_G_f32[0]	72.5
CDD_MtrCurrK1_Amps_G_f32[1]	93.2900009
CDD_MtrCurrK2_Amps_G_f32[0]	74.1699982
CDD_MtrCurrK2_Amps_G_f32[1]	96.0390015
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	72.3700027
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	88.3199997
CDD_MtrCurrQax_Amp_G_f32[0]	-134.268005
CDD_MtrCurrQax_Amp_G_f32[1]	-123.785004
CDD_PWMDutyCycleASum_Cnt_G_u32[0]	198 200
CDD_PWMDutyCycleASum_Cnt_G_u32[1] CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	3867
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	5911
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	5628
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	8097
CDD_PhaseAdvFinal_Cnt_G_u16[0]	270
CDD_PhaseAdvFinal_Cnt_G_u16[1]	704
CDD_RxMtrPos1ParityAccum_Cnt_G_u16[0]	3567
CDD_RxMtrPos1ParityAccum_Cnt_G_u16[1]	4909
CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[0]	3809
CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[1]	5283
CDD_SysCVSwitchADC_Cnt_G_u16[0]	5503
CDD_SysCVSwitchADC_Cnt_G_u16[1]	7901
CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[0]	48497
CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[1]	49152
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	65535
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1] PXAccumPrev_Cnt_M_u32[0]	65535 3204
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1]	4348
PXAccumPrev_Cnt_M_u32[1]	87314
Rte_Inst_Sa_CDDInterface	tgt_Rte_Inst_Sa_CDDInterface
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	146019
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	146040
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	146040

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Name	Input Value		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr1_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_	_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr2_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_	_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32	tgt_CDDInterface_Per1_CorrMtrCurrPosition		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0r tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CumMechMtrPos_Rev_132	tgt_CDDInterface_Per1_CorrectedElecMtrPo tqt CDDInterface Per1 CumMechMtrPos R		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxError_Cnt_u16	tgt_CDDInterface_Per1_Die1RxError_Cnt_u1	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_	target_CDDInterface_Per1_Die1UnderVoltgF		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxMtrPos_Cnt_u16	tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_	<u>u</u> 16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxRevCtr_Cnt_u16	tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_	u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxError_Cnt_u16	tgt_CDDInterface_Per1_Die2RxError_Cnt_u1		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxMtrPos_Cnt_u16	tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxRevCtr_Cnt_u16 tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32	tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_ tgt_CDDInterface_Per1_ExpectedOnTimeA_		
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 ExpectedOnTimeB Cnt u32	tgt_CDDInterface_Per1_ExpectedOnTimeB_	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeC_		
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_LRPRP hase advance Captured_Inst_Sa_CDDInterface_Per1_LRPRP hase advance CaptureD_Inst_Sa_CDDINTERPRP hase $	tgt_CDDInterface_Per1_LRPRPhaseadvance	eCaptured_Cnt_s16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeA_	_Cnt_u32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeB_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeC_	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MechMtrPos1TimeStamp_USe tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MechMtrPos2TimeStamp_USe			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Perl_MecrimitPos21infestamp_Use tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Perl_ModIdxFinal_Uls_f32	tgt_CDDInterface_Per1_MedIdxFinal_Uls_f32		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface Perl_ModidxFinal_0is_IS2 tgt_Rte_Inst_Sa_CDDInterface.CDDInterface Perl_MtrCurrDax Amp_f32	tgt_CDDInterface_Per1_MtrCurrDax_Amp_f3		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK1_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK2_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32	2	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32$	tgt_CDDInterface_Per1_MtrCurrQaxFinalRef	_Amp_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrQax_Amp_f3		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u	tgt_CDDInterface_Per1_RxMtrPos1ParityAcc		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCVSwitchADC_Cnt_u16	tgt_CDDInterface_Per1_SysCVSwitchADC_0	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCorrectedElecMtrPos_Rev_ tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_UncorrMechMtrPos1_Rev_u0p	tgt_CDDInterface_Per1_SysCorrectedElecMt tgt_CDDInterface_Per1_UncorrMechMtrPos1		
Name	Actual Value	Expected Value	Result
		•	ricount
CDD CDDDataAccessBfr Cnt G u16	0	0	✓
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0]	18252	0 18252	~
			~
PXAccumPrev_Cnt_M_u32[0]	18252	18252	·
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	18252 18255 18255 5283	18252 18255 18255 5283	· ·
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value	18252 18255 18255 5283 1.01477838	18252 18255 18255 5283 1.01477838 ± 0.0625	· · · · · · · · · · · · · · · · · · ·
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value	18252 18255 18255 5283 1.01477838 2.01477838	18252 18255 18255 5283 1.01477838 ± 0.0625 2.01477838 ± 0.0625	· · · · · · · · · · · · · · · · · · ·
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value	18252 18255 18255 5283 1.01477838 2.01477838 7527.8501	18252 18255 18255 5283 1.01477838 ± 0.0625 2.01477838 ± 0.0625 7527.8501	· · · · · · · · · · · · · · · · · · ·
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value	18252 18255 18255 5283 1.01477838 2.01477838	18252 18255 18255 5283 1.01477838 ± 0.0625 2.01477838 ± 0.0625	***
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value	18252 18255 18255 5283 1.01477838 2.01477838 7527.8501 0.740005493	18252 18255 18255 5283 1.01477838 ± 0.0625 2.01477838 ± 0.0625 7527.8501 0.740005493	· · · · · · · · · · · · · · · · · · ·
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosRev_u0p16.value	18252 18255 18255 5283 1.01477838 2.01477838 7527.8501 0.740005493 48497	18252 18255 18255 5283 1.01477838 ± 0.0625 2.01477838 ± 0.0625 7527.8501 0.740005493 48497	· · · · · · · · · · · · · · · · · · ·
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value	18252 18255 18255 5283 1.01477838 2.01477838 7527.8501 0.740005493 48497 -0.0539855957	18252 18255 18255 5283 1.01477838 ± 0.0625 2.01477838 ± 0.0625 7527.8501 0.740005493 48497 -0.0540008545 ± 0.0625	· · · · · · · · · · · · · · · · · · ·
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value	18252 18255 18255 5283 1.01477838 2.01477838 7527.8501 0.740005493 48497 -0.0539855957 3039 5283 150	18252 18255 18255 5283 1.01477838 ± 0.0625 2.01477838 ± 0.0625 7527.8501 0.740005493 48497 -0.0540008545 ± 0.0625 3039 5283 150	· · · · · · · · · · · · · · · · · · ·
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value	18252 18255 18255 5283 1.01477838 2.01477838 7527.8501 0.740005493 48497 -0.0539855957 3039 5283 150 156	18252 18255 18255 5283 1.01477838 ± 0.0625 2.01477838 ± 0.0625 7527.8501 0.740005493 48497 -0.0540008545 ± 0.0625 3039 5283 150 156	***************************************
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value	18252 18255 18255 5283 1.01477838 2.01477838 7527.8501 0.740005493 48497 -0.0539855957 3039 5283 150 156 5096	18252 18255 18255 5283 1.01477838 ± 0.0625 2.01477838 ± 0.0625 7527.8501 0.740005493 48497 -0.0540008545 ± 0.0625 3039 5283 150 156 5096	***************************************
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value	18252 18255 18255 5283 1.01477838 2.01477838 7527.8501 0.740005493 48497 -0.0539855957 3039 5283 150 156 5096 5470	18252 18255 18255 5283 1.01477838 ± 0.0625 2.01477838 ± 0.0625 7527.8501 0.740005493 48497 -0.0540008545 ± 0.0625 3039 5283 150 156 5096 5470	***************************************
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value	18252 18255 18255 5283 1.01477838 2.01477838 7527.8501 0.740005493 48497 -0.0539855957 3039 5283 150 156 5096	18252 18255 18255 5283 1.01477838 ± 0.0625 2.01477838 ± 0.0625 7527.8501 0.740005493 48497 -0.0540008545 ± 0.0625 3039 5283 150 156 5096	***************************************
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PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedEecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CurmethMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeS_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeS_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeS_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_FinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_FinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_FinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_FinalRef_Amp_f32.value	18252 18255 18255 18255 5283 1.01477838 2.01477838 7527.8501 0.740005493 48497 -0.0539855957 3039 5283 150 156 5096 5470 200 5911 8097 66 15048 13907 536801853 7527 7153 0.232498169 -70.6900024 93.290009 96.0390015 88.3199997 -123.785004 4909	18252 18255 18255 5283 1.01477838 ± 0.0625 2.01477838 ± 0.0625 7527.8501 0.740005493 48497 -0.0540008545 ± 0.0625 3039 5283 150 156 5096 5470 200 5911 8097 66 15048 13907 536801853 7527 7153 0.232498169 ± 0.0625 -70.6900024 93.2900009 96.0390015 88.319997 -123.785004 4909	> > > > > > > > > > > > > > > > > > >
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PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedEecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CurmethMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeS_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeS_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeS_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_FinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_FinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_FinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_FinalRef_Amp_f32.value	18252 18255 18255 18255 5283 1.01477838 2.01477838 7527.8501 0.740005493 48497 -0.0539855957 3039 5283 150 156 5096 5470 200 5911 8097 66 15048 13907 536801853 7527 7153 0.232498169 -70.6900024 93.290009 96.0390015 88.3199997 -123.785004 4909	18252 18255 18255 5283 1.01477838 ± 0.0625 2.01477838 ± 0.0625 7527.8501 0.740005493 48497 -0.0540008545 ± 0.0625 3039 5283 150 156 5096 5470 200 5911 8097 66 15048 13907 536801853 7527 7153 0.232498169 ± 0.0625 -70.6900024 93.2900009 96.0390015 88.319997 -123.785004 4909)



Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
CDDPorts_ClearPhsReasSum	1	CDDPorts_ClearPhsReasSum	1	~

Test Step 2.77 (Repeat Count = 1)	la ava
lame	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16	1
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	5382.16992
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	7714.95996
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	48496
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	49152
CDD_CumMechMtrPos_Rev_G_s15p16[0]	3604
CDD_CumMechMtrPos_Rev_G_s15p16[1]	3670
CDD_Die1RxError_Cnt_G_u16[0]	142
CDD_Die1RxError_Cnt_G_u16[1]	158
CDD_Die1RxMtrPos_Cnt_G_u16[0]	3930
CDD_Die1RxMtrPos_Cnt_G_u16[1]	5470
CDD_Die1RxRevCtr_Cnt_G_u16[0]	126
CDD_Die1RxRevCtr_Cnt_G_u16[1]	156
CDD_Die2RxError_Cnt_G_u16[0]	2357
CDD_Die2RxError_Cnt_G_u16[1]	3039
CDD_Die2RxMtrPos_Cnt_G_u16[0]	3809
CDD_Die2RxMtrPos_Cnt_G_u16[1]	5283
CDD_Die2RxRevCtr_Cnt_G_u16[0]	100
CDD_Die2RxRevCtr_Cnt_G_u16[1]	150
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	5382
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	7714
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0]	5140
CDD_MechMtrPos2TimeStamp_uSec_G_u32[1]	7340
CDD_ModIdxFinal_Uls_G_u16p16[0]	24189
CDD_ModIdxFinal_Uls_G_u16p16[1]	24195
CDD_MtrCurr1_Volts_G_f32[0]	1.01503325
CDD_MtrCurr1_Volts_G_f32[1]	2.01503325
CDD_MtrCurr2_Volts_G_f32[0]	2.01503325
CDD_MtrCurr2_Volts_G_f32[1]	1.01503325
CDD_MtrCurrDax_Amp_G_f32[0]	-118.010002
CDD_MtrCurrDax_Amp_G_f32[1]	-85.8000031
CDD_MtrCurrK1_Amps_G_f32[0]	7.01528788
CDD_MtrCurrK1_Amps_G_f32[1]	28.0152874
CDD_MtrCurrK2_Amps_G_f32[0]	-140.014786
CDD_MtrCurrK2_Amps_G_f32[1]	63.0147781
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	40.4700012
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	56.4199982
CDD_MtrCurrQax_Amp_G_f32[0]	147.304993
CDD_MtrCurrQax_Amp_G_f32[1]	158.048004
CDD_PWMDutyCycleASum_Cnt_G_u32[0]	1873
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	2291
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	278
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	760
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	4656
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	6592
CDD_PhaseAdvFinal_Cnt_G_u16[0]	150
CDD_PhaseAdvFinal_Cnt_G_u16[1]	159
CDD_RxMtrPos1ParityAccum_Cnt_G_u16[0]	3688
CDD_RxMtrPos1ParityAccum_Cnt_G_u16[1]	5096
CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[0]	3930
CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[1]	5470
CDD_SysCVSwitchADC_Cnt_G_u16[0]	5624
CDD_SysCVSwitchADC_Cnt_G_u16[1]	8088
DD_SysCorrectedElecMtrPos_Rev_G_u0p16[0]	0
CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[1]	49807
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	0
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	47841
PXAccumPrev_Cnt_M_u32[0]	6350
PXAccumPrev_Cnt_M_u32[1]	9210
PXAccumPrev_Cnt_M_u32[2]	39539
Rte_Inst_Sa_CDDInterface	tgt_Rte_Inst_Sa_CDDInterface
_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	146026
_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	646047

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Name	Input Value		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr1_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr1_Volts	f32	
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 ADCMtrCurr2 Volts f32	tgt CDDInterface Per1 ADCMtrCurr2 Volts		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32	tgt_CDDInterface_Per1_CorrMtrCurrPosition		
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 CorrectedElecMtrPosFloat Rev	tgt_CDDInterface_Per1_CorrectedElecMtrPo		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CumMechMtrPos_Rev_f32	tgt_CDDInterface_Per1_CumMechMtrPos_R		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxError_Cnt_u16	tgt_CDDInterface_Per1_Die1RxError_Cnt_u	16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_	target_CDDInterface_Per1_Die1UnderVoltgF	ItAccum_Cnt_u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxMtrPos_Cnt_u16	tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_	_u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxRevCtr_Cnt_u16	tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_	u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxError_Cnt_u16	tgt_CDDInterface_Per1_Die2RxError_Cnt_u	16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxMtrPos_Cnt_u16	tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_	_u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxRevCtr_Cnt_u16	tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_	<u>u</u> 16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeA_	Cnt_u32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeB_	Cnt_u32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeC_	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_LRPRPhaseadvanceCaptured_	tgt_CDDInterface_Per1_LRPRPhaseadvance		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeA_	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeB_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeC_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MechMtrPos1TimeStamp_USe	tgt_CDDInterface_Per1_MechMtrPos1TimeS	·	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ModIdxFinal_UIs_f32	tgt_CDDInterface_Per1_ModIdxFinal_Uls_f3:		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrDax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrDax_Amp_f3		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK1_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK2_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32	tgt_CDDInterface_Per1_MtrCurrQaxFinalRef		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrQax_Amp_f3		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u	tgt_CDDInterface_Per1_RxMtrPos1ParityAcc		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCVSwitchADC_Cnt_u16	tgt_CDDInterface_Per1_SysCVSwitchADC_0	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCorrectedElecMtrPos_Rev_	tgt_CDDInterface_Per1_SysCorrectedElecMi		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_UncorrMechMtrPos1_Rev_u0p	tgt_CDDInterface_Per1_UncorrMechMtrPos1		Daguilé
Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	0 18253	0 18253	~
PXAccumPrev_Cnt_M_u32[0]		80755	Ž
PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2]	80755 80755	80755	~
target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	5470	5470	Ž
tgt CDDInterface Per1 ADCMtrCurr1 Volts f32.value	2.01503325	2.01503325 ± 0.0625	✓
tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value	1.01503325	1.01503325 ± 0.0625	_
tgt CDDInterface Per1 CorrMtrCurrPosition Rev f32.value	7714.95996	7714.95996	✓
tgt CDDInterface Per1 CorrectedElecMtrPosFloat Rev f32.value	0.75	0.75	_
tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value	49152	49152	✓
tgt CDDInterface Per1 CumMechMtrPos Rev f32.value	0.0559997559	0.0559997559 ± 0.0625	~
tgt CDDInterface Per1 Die1RxError Cnt u16.value	158	158	~
tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value	5470	5470	~
tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value	156	156	~
tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value	3039	3039	~
tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value	5283	5283	✓
tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value	150	150	~
tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value	2291	2291	✓
tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value	760	760	~
tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value	6592	6592	✓
tgt_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value	14	14	~
tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value	11903	11903	✓
			~
tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value	71545	71545	
tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value	41216	41216	
tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value	41216 7714	41216 7714	•
tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value	41216 7714 7340	41216 7714 7340	✓
tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_ModIdxFinal_UIs_f32.value	41216 7714 7340 0.369186401	41216 7714 7340 0.36920166 ± 0.0625	\ \ \
tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_ModIdxFinal_UIs_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value	41216 7714 7340 0.369186401 -85.8000031	41216 7714 7340 0.36920166 ± 0.0625 -85.8000031	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_ModldxFinal_UIs_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32.value	41216 7714 7340 0.369186401 -85.8000031 28.0152874	41216 7714 7340 0.36920166 ± 0.0625 -85.8000031 28.0152874	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_ModldxFinal_UIs_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value	41216 7714 7340 0.369186401 -85.8000031 28.0152874 63.0147781	41216 7714 7340 0.36920166 ± 0.0625 -85.8000031 28.0152874 63.0147781	
tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_ModIdxFinal_UIs_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value	41216 7714 7340 0.369186401 -85.8000031 28.0152874 63.0147781 56.4199982	41216 7714 7340 0.36920166 ± 0.0625 -85.8000031 28.0152874 63.0147781 56.4199982	~
tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MedidxFinal_UIs_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value	41216 7714 7340 0.369186401 -85.8000031 28.0152874 63.0147781 56.4199982 158.048004	41216 7714 7340 0.36920166 ± 0.0625 -85.8000031 28.0152874 63.0147781 56.4199982 158.048004	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u16.value	41216 7714 7340 0.369186401 -85.8000031 28.0152874 63.0147781 56.4199982 158.048004 5096	41216 7714 7340 0.36920166 ± 0.0625 -85.8000031 28.0152874 63.0147781 56.4199982 158.048004 5096	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u16.value tgt_CDDInterface_Per1_SysCVSwitchADC_Cnt_u16.value	41216 7714 7340 0.369186401 -85.8000031 28.0152874 63.0147781 56.4199982 158.048004 5096 8088	41216 7714 7340 0.36920166 ± 0.0625 -85.8000031 28.0152874 63.0147781 56.4199982 158.048004 5096 8088	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_ModidxFinal_UIs_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_FinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u16.value	41216 7714 7340 0.369186401 -85.8000031 28.0152874 63.0147781 56.4199982 158.048004 5096	41216 7714 7340 0.36920166 ± 0.0625 -85.8000031 28.0152874 63.0147781 56.4199982 158.048004 5096	~





Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
CDDPorts_ClearPhsReasSum	1	CDDPorts_ClearPhsReasSum	1	~

Fest Step 2.78 (Repeat Count = 1)	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16	o input value
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	5503.16992
CDD CorrMtrCurrPosition Rev G f32[1]	7901.77979
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	0
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	49807
DD_CumMechMtrPos_Rev_G_s15p16[0]	-32768
DD_CumMechMtrPos_Rev_G_s15p16[1]	-32768
DD Die1RxError Cnt G u16[0]	166
DD_Die1RxError_Cnt_G_u16[1]	168
DD_Die1RxMtrPos_Cnt_G_u16[0]	100
DD_Die1RxMtrPos_Cnt_G_u16[1]	150
DD_Die1RxRevCtr_Cnt_G_u16[0]	2357
DD_Die1RxRevCtr_Cnt_G_u16[1]	3039
DD_Die2RxError_Cnt_G_u16[0]	142
DD_Die2RxError_Cnt_G_u16[1]	158
DD_Die2RxMtrPos_Cnt_G_u16[0]	3930
DD_Die2RxMtrPos_Cnt_G_u16[1]	5470
DD_Die2RxRevCtr_Cnt_G_u16[0]	126
DD_Die2RxRevCtr_Cnt_G_u16[1]	156
DD_MechMtrPos1TimeStamp_uSec_G_u32[0]	5503
DD_MechMtrPos1TimeStamp_uSec_G_u32[1]	7901
DD_MechMtrPos2TimeStamp_uSec_G_u32[0]	5261
DD_MechMtrPos2TimeStamp_uSec_G_u32[1]	7527
DD_ModldxFinal_Uls_G_u16p16[0]	27007
DD_ModldxFinal_Uls_G_u16p16[1]	27013
DD_MtrCurr1_Volts_G_f32[0]	2.00025487
DD_MtrCurr1_Volts_G_f32[1]	1.00025475
DD_MtrCurr2_Volts_G_f32[0]	2.01095629
DD_MtrCurr2_Volts_G_f32[1]	1.01095641
DD_MtrCurrDax_Amp_G_f32[0]	100.910004
DD_MtrCurrDax_Amp_G_f32[1]	138.539993
DD_MtrCurrK1_Amps_G_f32[0]	8.01554298
DD_MtrCurrK1_Amps_G_f32[1]	30.015543
DD_MtrCurrK2_Amps_G_f32[0]	-140.01503
DD_MtrCurrK2_Amps_G_f32[1]	63.0150337
DD_MtrCurrQaxFinalRef_Amp_G_f32[0]	55.5800018
DD_MtrCurrQaxFinalRef_Amp_G_f32[1]	76.9499969
DD_MtrCurrQax_Amp_G_f32[0]	-181.828003
DD_MtrCurrQax_Amp_G_f32[1]	-170.824997
DD_PWMDutyCycleASum_Cnt_G_u32[0]	1994
DD_PWMDutyCycleASum_Cnt_G_u32[1]	2478
DD_PWMDutyCycleBSum_Cnt_G_u32[0]	286
DD_PWMDutyCycleBSum_Cnt_G_u32[1]	816
DD_PWMDutyCycleCSum_Cnt_G_u32[0]	4777
DD_PWMDutyCycleCSum_Cnt_G_u32[1]	6779
DD_PhaseAdvFinal_Cnt_G_u16[0]	158
DD_PhaseAdvFinal_Cnt_G_u16[1]	160
DD_RxMtrPos1ParityAccum_Cnt_G_u16[0]	3809
DD_RxMtrPos1ParityAccum_Cnt_G_u16[1]	5283
DD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[0]	100
DD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[1]	150
DD_SysCVSwitchADC_Cnt_G_u16[0]	5745
DD_SysCVSwitchADC_Cnt_G_u16[1]	8275
DD_SysCorrectedElecMtrPos_Rev_G_u0p16[0]	49807
DD_SysCorrectedElecMtrPos_Rev_G_u0p16[1]	50462
DD_UncorrMechMtrPos1_Rev_G_u0p16[0]	49807
DD_UncorrMechMtrPos1_Rev_G_u0p16[1]	50462
XAccumPrev_Cnt_M_u32[0]	214
XAccumPrev_Cnt_M_u32[1]	312
XAccumPrev_Cnt_M_u32[2]	40764
tte_Inst_Sa_CDDInterface	tgt_Rte_Inst_Sa_CDDInterface
_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	346033
_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	146054
_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	146054

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Name	Input Value		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr1_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr1_Volts	_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr2_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr2_Volts	_f32	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32$	tgt_CDDInterface_Per1_CorrMtrCurrPosition	_Rev_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CumMechMtrPos_Rev_f32	tgt_CDDInterface_Per1_CumMechMtrPos_R	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxError_Cnt_u16 tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_	tgt_CDDInterface_Per1_Die1RxError_Cnt_ur		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxMtrPos_Cnt_u16	tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_		
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 Die1RxRevCtr Cnt u16	tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxError_Cnt_u16	tgt_CDDInterface_Per1_Die2RxError_Cnt_u^		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxMtrPos_Cnt_u16	tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_	u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxRevCtr_Cnt_u16	tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_	<u>u</u> 16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeA_	Cnt_u32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeB_	Cnt_u32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeC_	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_LRPRPhaseadvanceCaptured_	tgt_CDDInterface_Per1_LRPRPhaseadvance		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeA_	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32 tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeB_ tgt_CDDInterface_Per1_MeasuredOnTimeC_	-	
tot Rte Inst Sa CDDInterface.CDDInterface Per1 MechMtrPos1TimeStamp USe			
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 MechMtrPos2TimeStamp USe		·	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ModIdxFinal_UIs_f32	tgt_CDDInterface_Per1_ModIdxFinal_Uls_f3:		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrDax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrDax_Amp_f3		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK1_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32	2	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK2_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32	2	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32$	tgt_CDDInterface_Per1_MtrCurrQaxFinalRef	_Amp_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrQax_Amp_f3	32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCVSwitchADC_Cnt_u16	tgt_CDDInterface_Per1_SysCVSwitchADC_0	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCorrectedElecMtrPos_Rev_	tgt_CDDInterface_Per1_SysCorrectedElecMi		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_UncorrMechMtrPos1_Rev_u0p	tgt_CDDInterface_Per1_UncorrMechMtrPos1 Actual Value		Daguit
Name CDD_CDDDataAccessBfr_Cnt_G_u16	1	Expected Value	Result
CDD_CDDDataAccessbii_Ciii_G_u10	!	!	_
PXAccumPrey Cnt M u32f01	43254	43254	•
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1]	43254 18256	43254 18256	✓
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2]	43254 18256 18256	43254 18256 18256	
PXAccumPrev_Cnt_M_u32[1]	18256	18256	~
PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2]	18256 18256	18256 18256	~
PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	18256 18256 100	18256 18256 100	· · · · · ·
PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value	18256 18256 100 2.00025487 2.01095629 5503.16992	18256 18256 100 2.00025487 ± 0.0625 2.01095629 ± 0.0625 5503.16992	· · ·
PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value	18256 18256 100 2.00025487 2.01095629 5503.16992	18256 18256 100 2.00025487 ± 0.0625 2.01095629 ± 0.0625 5503.16992	· · · · · · · · · · · · · · · · · · ·
PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value	18256 18256 100 2.00025487 2.01095629 5503.16992 0	18256 18256 100 2.00025487 ± 0.0625 2.01095629 ± 0.0625 5503.16992 0	· · · · · ·
PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CurmMechMtrPos_Rev_f32.value	18256 18256 100 2.00025487 2.01095629 5503.16992 0	18256 18256 100 2.00025487 ± 0.0625 2.01095629 ± 0.0625 5503.16992 0 0 -0.5 ± 0.0625	· · · · · · · · · · · · · · · · · · ·
PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value	18256 18256 100 2.00025487 2.01095629 5503.16992 0 0 -0.5 166	18256 18256 100 2.00025487 ± 0.0625 2.01095629 ± 0.0625 5503.16992 0 0 -0.5 ± 0.0625 166	· · · · · · · · · · · · · · · · · · ·
PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value	18256 18256 100 2.00025487 2.01095629 5503.16992 0 0 -0.5 166 100	18256 18256 100 2.00025487 ± 0.0625 2.01095629 ± 0.0625 5503.16992 0 0 -0.5 ± 0.0625 166 100	· · · · · · · · · · · · · · · · · · ·
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PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeS_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeS_Cnt_u32.value tgt_CDDInterface_Per1_MeoldxFinal_Uls_f32.value tgt_CDDInterface_Per1_MeoldxFinal_Uls_f32.value tgt_CDDInterface_Per1_MeoldxFinal_Uls_f32.value tgt_CDDInterface_Per1_McUrrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_FinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_FinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value	18256 18256 100 2.00025487 2.01095629 5503.16992 0 0 -0.5 166 100 2357 142 3930 126 1994 286 4777 14 43040 17944 536848404 5503 5261 0.412094116 100.910004 8.01554298 -140.01503 55.5800018 -181.828003 3809	18256 18256 100 2.00025487 ± 0.0625 2.01095629 ± 0.0625 5503.16992 0 0 -0.5 ± 0.0625 166 100 2357 142 3930 126 1994 286 4777 14 43040 17944 536848404 5503 5261 0.412094116 ± 0.0625 100.910004 8.01554298 -140.01503 55.5800018 -181.828003 3809	· · · · · · · · · · · · · · · · · · ·
PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeoMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MeoMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MecMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MtrCurrR1_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrR2_Amp_f32.value	18256 18256 100 2.00025487 2.01095629 5503.16992 0 0 -0.5 166 100 2357 142 3930 126 1994 286 4777 14 43040 17944 536848404 5503 5261 0.412094116 100.910004 8.01554298 -140.01503 55.5800018 -181.828003 3809 5745	18256 18256 100 2.00025487 ± 0.0625 2.01095629 ± 0.0625 5503.16992 0 0 -0.5 ± 0.0625 166 100 2357 142 3930 126 1994 286 4777 14 43040 17944 536848404 5503 5261 0.412094116 ± 0.0625 100.910004 8.01554298 -140.01503 55.5800018 -181.828003 3809 5745	· · · · · · · · · · · · · · · · · · ·
PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeS_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeS_Cnt_u32.value tgt_CDDInterface_Per1_MeoldxFinal_Uls_f32.value tgt_CDDInterface_Per1_MeoldxFinal_Uls_f32.value tgt_CDDInterface_Per1_MeoldxFinal_Uls_f32.value tgt_CDDInterface_Per1_McUrrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_FinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_FinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value	18256 18256 100 2.00025487 2.01095629 5503.16992 0 0 -0.5 166 100 2357 142 3930 126 1994 286 4777 14 43040 17944 536848404 5503 5261 0.412094116 100.910004 8.01554298 -140.01503 55.5800018 -181.828003 3809	18256 18256 100 2.00025487 ± 0.0625 2.01095629 ± 0.0625 5503.16992 0 0 -0.5 ± 0.0625 166 100 2357 142 3930 126 1994 286 4777 14 43040 17944 536848404 5503 5261 0.412094116 ± 0.0625 100.910004 8.01554298 -140.01503 55.5800018 -181.828003 3809	· · · · · · · · · · · · · · · · · · ·



Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
CDDPorts_ClearPhsReasSum	1	CDDPorts_ClearPhsReasSum	1	~

Test Step 2.79 (Repeat Count = 1)	
Name	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16	1
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	5624.16992
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	8088.27979
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	49807
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	50463
CDD_CumMechMtrPos_Rev_G_s15p16[0]	32767
CDD_CumMechMtrPos_Rev_G_s15p16[1]	32767
CDD_Die1RxError_Cnt_G_u16[0]	174
CDD_Die1RxError_Cnt_G_u16[1]	176
CDD_Die1RxMtrPos_Cnt_G_u16[0]	126
CDD_Die1RxMtrPos_Cnt_G_u16[1] CDD_Die1RxRevCtr_Cnt_G_u16[0]	156 142
CDD_Die1RxRevCti_Cnt_G_u16[1]	158
CDD_Die2RxError_Cnt_G_u16[0]	166
CDD_Die2RxError_Cnt_G_u16[1]	168
CDD_Die2RxMtrPos_Cnt_G_u16[0]	100
CDD_Die2RxMtrPos_Cnt_G_u16[1]	150
CDD_Die2RxRevCtr_Cnt_G_u16[0]	2357
CDD_Die2RxRevCtr_Cnt_G_u16[1]	3039
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	5624
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	8088
CDD MechMtrPos2TimeStamp uSec G u32[0]	5382
CDD_MechMtrPos2TimeStamp_uSec_G_u32[1]	7714
CDD_ModIdxFinal_Uls_G_u16p16[0]	34347
CDD_ModldxFinal_Uls_G_u16p16[1]	34353
CDD_MtrCurr1_Volts_G_f32[0]	1.01732635
CDD_MtrCurr1_Volts_G_f32[1]	2.01732635
CDD_MtrCurr2_Volts_G_f32[0]	0.0155427996
CDD_MtrCurr2_Volts_G_f32[1]	4.01554298
CDD_MtrCurrDax_Amp_G_f32[0]	116.019997
CDD_MtrCurrDax_Amp_G_f32[1]	159.070007
CDD_MtrCurrK1_Amps_G_f32[0]	7.01605225
CDD_MtrCurrK1_Amps_G_f32[1]	28.0160522
CDD_MtrCurrK2_Amps_G_f32[0]	-120.015289
CDD_MtrCurrK2_Amps_G_f32[1]	25.0152874
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	-97.4800034
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	-70.6900024
CDD_MtrCurrQax_Amp_G_f32[0]	194.345001
CDD_MtrCurrQax_Amp_G_f32[1]	205.608002
CDD_PWMDutyCycleASum_Cnt_G_u32[0]	2115
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	2665
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	3204
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	4348
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	4898 6966
CDD_PWMDutyCycleCSum_Cnt_G_u32[1] CDD_PhaseAdvFinal_Cnt_G_u16[0]	166
CDD_PhaseAdvFinal_Cnt_G_u16[i] CDD_PhaseAdvFinal_Cnt_G_u16[1]	168
CDD_RxMtrPos1ParityAccum_Cnt_G_u16[0]	3930
CDD_RxMtrPos1ParityAccum_Cnt_G_u16[1]	5470
CDD_RXMtrPos1UnderVoltgFltAccum_Cnt_u16[0]	126
CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[1]	156
CDD_SysCVSwitchADC_Cnt_G_u16[0]	5628
CDD_SysCVSwitchADC_Cnt_G_u16[1]	8097
CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[0]	0
CDD SysCorrectedElecMtrPos Rev G u0p16[1]	51118
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	0
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	51118
PXAccumPrev_Cnt_M_u32[0]	222
PXAccumPrev_Cnt_M_u32[1]	368
PXAccumPrev_Cnt_M_u32[2]	41989
Rte_Inst_Sa_CDDInterface	tgt_Rte_Inst_Sa_CDDInterface
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	146040
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	846061
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	846061

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Name	Input Value		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr1_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr2_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32	tgt_CDDInterface_Per1_CorrMtrCurrPosition_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p	tgt_CDDInterface_Per1_CorrectedElecMtrPo	s_Rev_u0p16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CumMechMtrPos_Rev_f32	tgt_CDDInterface_Per1_CumMechMtrPos_R	ev_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxError_Cnt_u16	tgt_CDDInterface_Per1_Die1RxError_Cnt_u1	16	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt$	target_CDDInterface_Per1_Die1UnderVoltgF	ltAccum_Cnt_u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxMtrPos_Cnt_u16	tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_	u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxRevCtr_Cnt_u16	tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_	u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxError_Cnt_u16	tgt_CDDInterface_Per1_Die2RxError_Cnt_u1	16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxMtrPos_Cnt_u16	tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_	u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxRevCtr_Cnt_u16	tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_	u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeA_0	Cnt_u32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeB_0	Cnt_u32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeC_	Cnt_u32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_LRPRPhaseadvanceCaptured_	tgt_CDDInterface_Per1_LRPRPhaseadvance	eCaptured_Cnt_s16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeA_	Cnt_u32	
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 MeasuredOnTimeB Cnt u32	tgt_CDDInterface_Per1_MeasuredOnTimeB_	Cnt u32	
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 MeasuredOnTimeC Cnt u32	tgt_CDDInterface_Per1_MeasuredOnTimeC_		
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 MechMtrPos1TimeStamp USe			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MechMtrPos2TimeStamp_USe		·	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ModIdxFinal_UIs_f32	tgt_CDDInterface_Per1_ModIdxFinal_Uls_f32		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrDax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrDax_Amp_f3		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK1_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK2_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32	tgt_CDDInterface_Per1_MtrCurrQaxFinalRef	- · -	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrQax_Amp_f3		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCVSwitchADC_Cnt_u16	tgt_CDDInterface_Per1_SysCVSwitchADC_C	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCorrectedElecMtrPos_Rev_	tgt_CDDInterface_Per1_SysCorrectedElecMt	rPos_Rev_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_UncorrMechMtrPos1_Rev_u0p	tgt_CDDInterface_Per1_UncorrMechMtrPos1	_Rev_u0p16	
Name	Actual Value	Expected Value	Result
	0	_	
CDD_CDDDataAccessBfr_Cnt_G_u16	U	0	•
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0]	18255	18255	~
			×
PXAccumPrev_Cnt_M_u32[0]	18255	18255	
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1]	18255 105757	18255 105757	~
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2]	18255 105757 105757	18255 105757 105757	~
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value	18255 105757 105757 156	18255 105757 105757 156	٠ ٧
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value	18255 105757 105757 156 2.01732635	18255 105757 105757 156 2.01732635 ± 0.0625	· · ·
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value	18255 105757 105757 156 2.01732635 4.01554298 8088.27979	18255 105757 105757 156 2.01732635 ± 0.0625 4.01554298 ± 0.0625	· · · · · · · · · · · · · · · · · · ·
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value	18255 105757 105757 156 2.01732635 4.01554298 8088.27979 0.770004272	18255 105757 105757 156 2.01732635 ± 0.0625 4.01554298 ± 0.0625 8088.27979 0.770004272	\rightarrow \right
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value	18255 105757 105757 156 2.01732635 4.01554298 8088.27979 0.770004272 50463	18255 105757 105757 156 2.01732635 ± 0.0625 4.01554298 ± 0.0625 8088.27979 0.770004272 50463	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
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Test Step Call Trace			✓	
Actual Function	Count	Expected Function	Count	Result
CDDPorts_ClearPhsReasSum	1	CDDPorts_ClearPhsReasSum	1	~

Test Step 2.80 (Repeat Count = 1)	→
Name	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16	0
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	5745.14014
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	8275.25
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	0
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	51118
CDD_CumMechMtrPos_Rev_G_s15p16[0]	0
CDD_CumMechMtrPos_Rev_G_s15p16[1]	0
CDD_Die1RxError_Cnt_G_u16[0]	182
CDD_Die1RxError_Cnt_G_u16[1]	184
CDD_Die1RxMtrPos_Cnt_G_u16[0] CDD_Die1RxMtrPos_Cnt_G_u16[1]	2357 3039
CDD_Die1RxMtrPos_Cnt_G_u16[1] CDD_Die1RxRevCtr_Cnt_G_u16[0]	166
CDD_Die1RxRevCtr_Cnt_G_u16[1]	168
CDD_Die2RxError_Cnt_G_u16[0]	174
CDD_Die2RxError_Cnt_G_u16[1]	176
CDD_Die2RxMtrPos_Cnt_G_u16[0]	126
CDD_Die2RxMtrPos_Cnt_G_u16[1]	156
CDD_Die2RxRevCtr_Cnt_G_u16[0]	142
CDD_Die2RxRevCtr_Cnt_G_u16[1]	158
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	5745
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	8275
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0]	5503
CDD_MechMtrPos2TimeStamp_uSec_G_u32[1]	7901
CDD_ModldxFinal_Uls_G_u16p16[0]	10885
CDD_ModldxFinal_Uls_G_u16p16[1]	10892
CDD_MtrCurr1_Volts_G_f32[0]	2.00025487
CDD_MtrCurr1_Volts_G_f32[1]	1.00025475
CDD_MtrCurr2_Volts_G_f32[0]	2.00015473
CDD_MtrCurr2_Volts_G_f32[1]	2.00025487
CDD_MtrCurrDax_Amp_G_f32[0]	131.130005 179.600006
CDD_MtrCurrDax_Amp_G_f32[1] CDD_MtrCurrK1_Amps_G_f32[0]	55.799992
CDD_MtrCurrK1_Amps_G_f32[1]	65.9000015
CDD_MtrCurrK2_Amps_G_f32[0]	64.1500015
CDD_MtrCurrK2_Amps_G_f32[1]	79.599985
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	-118.010002
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	-85.8000031
CDD_MtrCurrQax_Amp_G_f32[0]	120.710999
CDD_MtrCurrQax_Amp_G_f32[1]	130.934006
CDD_PWMDutyCycleASum_Cnt_G_u32[0]	2236
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	2852
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	3325
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	4535
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	5019
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	7153
CDD_PhaseAdvFinal_Cnt_G_u16[0] CDD_PhaseAdvFinal_Cnt_G_u16[1]	174
CDD_PhaseAdvFinal_Cnt_G_u16[1] CDD_RxMtrPos1ParityAccum_Cnt_G_u16[0]	176 100
CDD RxMtrPos1ParityAccum Cnt G u16[1]	150
CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[0]	2357
CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[1]	3039
CDD_SysCVSwitchADC_Cnt_G_u16[0]	5628
CDD_SysCVSwitchADC_Cnt_G_u16[1]	8097
CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[0]	0
CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[1]	51773
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	0
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	51773
PXAccumPrev_Cnt_M_u32[0]	230
PXAccumPrev_Cnt_M_u32[1]	424
PXAccumPrev_Cnt_M_u32[2]	43214
Rte_Inst_Sa_CDDInterface	tgt_Rte_Inst_Sa_CDDInterface
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	145970
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	145991 145998
C_TETT NOGIVENT_OR.FTOgramT_OT.F3ACC_T.Memory.data_word	140000

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Name	Input Value		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr1_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr1_Volts	f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr2_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32	tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev	tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p	tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CumMechMtrPos_Rev_f32	tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxError_Cnt_u16	tgt_CDDInterface_Per1_Die1RxError_Cnt_u1	16	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_Sa_CDDInterface.CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_Sa_CDDInterface.CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_Sa_CDDInterface.CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_Sa_CDDInterface.CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_Sa_CDDInterface.CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_Sa_CDDInterface.CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_Sa_CDDInterface.CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_Sa_CDDInterface.CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_Sa_CDDInterface.CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_Sa_CDDInterface.CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_Sa_CDDInterface.CDDIn$	target_CDDInterface_Per1_Die1UnderVoltgF	ItAccum_Cnt_u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxMtrPos_Cnt_u16	tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxRevCtr_Cnt_u16	tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_	u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxError_Cnt_u16	tgt_CDDInterface_Per1_Die2RxError_Cnt_u16		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxMtrPos_Cnt_u16	tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxRevCtr_Cnt_u16	tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeA_	-	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeB_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_LRPRPhaseadvanceCaptured_	1		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MechMtrPos1TimeStamp_USe tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MechMtrPos2TimeStamp_USe			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MechatrPos21imeStamp_Use tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ModIdxFinal_Uls_f32	tgt_CDDInterface_Per1_MechintrPos21ImeS		
tgt Rte Inst Sa CDDInterface.CDDInterface Per Microurd Amp f32	tgt_CDDInterface_Per1_ModidxFinal_dis_is_tgt_CDDInterface_Per1_MtrCurrDax_Amp_f3		
tgt Rte Inst Sa CDDInterface.CDDInterface Per 1_MirCurrK1 Amp f32	tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Perl_MtrCurrK1_Amp_f32	tgt_CDDInterface_Fer1_MtrCurrK1_Amp_i32		
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 MtrCurrQaxFinalRef Amp f32	tgt_CDDInterface_Per1_MtrCurrQaxFinalRef		
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 MtrCurrQax Amp f32	tgt_CDDInterface_Per1_MtrCurrQax_Amp_f3		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u	tgt_CDDInterface_Per1_RxMtrPos1ParityAcc		
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 SysCVSwitchADC Cnt u16	tgt CDDInterface Per1 SysCVSwitchADC (
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCorrectedElecMtrPos_Rev_	tgt_CDDInterface_Per1_SysCorrectedElecMt	-	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_UncorrMechMtrPos1_Rev_u0p			
	Actual Value	Expected Value	Pocult
Name			
Name CDD CDDDataAccessBfr Cnt G u16		1	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	1	•	v v
		1	v v
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0]	1 18246	1 18246	~
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1]	1 18246 18248	1 18246 18248	<i>y</i>
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2]	1 18246 18248 18249	1 18246 18248 18249	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	1 18246 18248 18249 2357	1 18246 18248 18249 2357	· · · · · · · · · · · · · · · · · · ·
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value	1 18246 18248 18249 2357 2.00025487	1 18246 18248 18249 2357 2.00025487 ± 0.0625	· · · · · · · · · · · · · · · · · · ·
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value	1 18246 18248 18249 2357 2.00025487 2.00015473	1 18246 18248 18249 2357 2.00025487 ± 0.0625 2.00015473 ± 0.0625	· · · · · · · · · · · · · · · · · · ·
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value	1 18246 18248 18249 2357 2.00025487 2.00015473 5745.14014	1 18246 18248 18249 2357 2.00025487 ± 0.0625 2.00015473 ± 0.0625 5745.14014	· · · · · · · · · · · · · · · · · · ·
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CurmMechMtrPos_Rev_f32.value	1 18246 18248 18249 2357 2.00025487 2.00015473 5745.14014	1 18246 18248 18249 2357 2.00025487 ± 0.0625 2.00015473 ± 0.0625 5745.14014	· · · · · · · · · · · · · · · · · · ·
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value	1 18246 18248 18249 2357 2.00025487 2.00015473 5745.14014 0 0	1 18246 18248 18249 2357 2.00025487 ± 0.0625 2.00015473 ± 0.0625 5745.14014 0 0 0 ± 0.0625 182	· · · · · · · · · · · · · · · · · · ·
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value	1 18246 18248 18249 2357 2.00025487 2.00015473 5745.14014 0 0 0	1 18246 18248 18249 2357 2.00025487 ± 0.0625 2.00015473 ± 0.0625 5745.14014 0 0 0 ± 0.0625 182 2357	· · · · · · · · · · · · · · · · · · ·
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value	1 18246 18248 18249 2357 2.00025487 2.00015473 5745.14014 0 0 0 182 2357 166	1 18246 18248 18249 2357 2.00025487 ± 0.0625 2.00015473 ± 0.0625 5745.14014 0 0 0 ± 0.0625 182 2357 166	
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value	1 18246 18248 18249 2357 2.00025487 2.00015473 5745.14014 0 0 0 182 2357 166 174	1 18246 18248 18249 2357 2.00025487 ± 0.0625 2.00015473 ± 0.0625 5745.14014 0 0 0 ± 0.0625 182 2357 166 174	
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value	1 18246 18248 18249 2357 2.00025487 2.00015473 5745.14014 0 0 0 182 2357 166 174	1 18246 18248 18249 2357 2.00025487 ± 0.0625 2.00015473 ± 0.0625 5745.14014 0 0 0 ± 0.0625 182 2357 166 174 126	
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value	1 18246 18248 18249 2357 2.00025487 2.00015473 5745.14014 0 0 0 182 2357 166 174 126	1 18246 18248 18249 2357 2.00025487 ± 0.0625 2.00015473 ± 0.0625 5745.14014 0 0 0 ± 0.0625 182 2357 166 174 126 142	
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value	1 18246 18248 18249 2357 2.00025487 2.00015473 5745.14014 0 0 0 182 2357 166 174 126 142 2236	1 18246 18248 18249 2357 2.00025487 ± 0.0625 2.00015473 ± 0.0625 5745.14014 0 0 0 ± 0.0625 182 2357 166 174 126 142 2236	
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Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Resu
CDDPorts ClearPhsReasSum	1	CDDPorts ClearPhsReasSum	1	

est Step 2.81 (Repeat Count = 1)	Innut Value
lame	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16	0 5745.14014
DD_CorrMtrCurrPosition_Rev_G_f32[0] DD CorrMtrCurrPosition Rev G f32[1]	8275.25
DD_CorrectedElecMtrPos_Rev_G_u0p16[0]	0
DD_CorrectedElecMtrPos_Rev_G_u0p16[1]	51118
DD_CumMechMtrPos_Rev_G_s15p16[0]	-19660
DD_CumMechMtrPos_Rev_G_s15p16[1]	-26214
DD Die1RxError Cnt G u16[0]	182
DD_Die1RxError_Cnt_G_u16[1]	184
DD_Die1RxMtrPos_Cnt_G_u16[0]	2357
DD_Die1RxMtrPos_Cnt_G_u16[1]	3039
DD_Die1RxRevCtr_Cnt_G_u16[0]	166
DD_Die1RxRevCtr_Cnt_G_u16[1]	168
DD_Die2RxError_Cnt_G_u16[0]	174
DD_Die2RxError_Cnt_G_u16[1]	176
DD_Die2RxMtrPos_Cnt_G_u16[0]	126
DD_Die2RxMtrPos_Cnt_G_u16[1]	156
DD_Die2RxRevCtr_Cnt_G_u16[0]	142
DD_Die2RxRevCtr_Cnt_G_u16[1]	158
DD_MechMtrPos1TimeStamp_uSec_G_u32[0]	5745
DD_MechMtrPos1TimeStamp_uSec_G_u32[1]	8275
DD_MechMtrPos2TimeStamp_uSec_G_u32[0]	5503
DD_MechMtrPos2TimeStamp_uSec_G_u32[1]	7901
DD_ModldxFinal_Uls_G_u16p16[0]	10885
DD_ModldxFinal_Uls_G_u16p16[1]	10892
DD_MtrCurr1_Volts_G_f32[0]	2.00025487
DD_MtrCurr1_Volts_G_f32[1]	1.00025475
DD_MtrCurr2_Volts_G_f32[0]	2.00015473
DD_MtrCurr2_Volts_G_f32[1]	2.00025487
DD_MtrCurrDax_Amp_G_f32[0]	131.130005
DD_MtrCurrDax_Amp_G_f32[1]	179.600006
DD_MtrCurrK1_Amps_G_f32[0]	55.7999992
DD_MtrCurrK1_Amps_G_f32[1]	65.9000015
DD_MtrCurrK2_Amps_G_f32[0]	64.1500015
DD_MtrCurrK2_Amps_G_f32[1]	79.5999985
DD_MtrCurrQaxFinalRef_Amp_G_f32[0]	-118.010002
DD_MtrCurrQaxFinalRef_Amp_G_f32[1]	-85.8000031
DD_MtrCurrQax_Amp_G_f32[0]	120.710999
DD_MtrCurrQax_Amp_G_f32[1]	130.934006
DD_PWMDutyCycleASum_Cnt_G_u32[0]	2236 2852
DD_PWMDutyCycleASum_Cnt_G_u32[1]	3325
DD_PWMDutyCycleBSum_Cnt_G_u32[0] DD_PWMDutyCycleBSum_Cnt_G_u32[1]	4535
DD_PWMDutyCycleBSum_Cnt_G_u32[1] DD_PWMDutyCycleCSum_Cnt_G_u32[0]	5019
DD_PWMDutyCycleCSum_Cnt_G_u32[0] DD_PWMDutyCycleCSum_Cnt_G_u32[1]	7153
DD_PWMDutyCycleCsum_Cnt_G_u32[1] DD_PhaseAdvFinal_Cnt_G_u16[0]	174
DD_PnaseAdvFinal_Cnt_G_u16[0] DD_PhaseAdvFinal_Cnt_G_u16[1]	174
DD_PnaseAdvFinal_Cnt_G_u16[1] DD_RxMtrPos1ParityAccum_Cnt_G_u16[0]	100
DD_RXMtrPos1ParityAccum_Cnt_G_u16[1]	150
DD_RXMtrPos1PatityAccum_Cnt_G_u16[1] DD_RxMtrPos1UnderVoltgFitAccum_Cnt_u16[0]	142
DD_RxMtrPos1UnderVoltgFitAccum_Cnt_u16[1]	158
DD_SysCVSwitchADC_Cnt_G_u16[0]	5628
DD_SysCVSwitchADC_Cnt_G_u16[1]	8097
DD_SysCorrectedElecMtrPos_Rev_G_u0p16[0]	0
DD_SysCorrectedElecMtrPos_Rev_G_u0p16[1]	51773
DD UncorrMechMtrPos1 Rev G u0p16[0]	0
DD_UncorrMechMtrPos1_Rev_G_u0p16[1]	51773
XAccumPrev_Cnt_M_u32[0]	230
XAccumPrev_Cnt_M_u32[1]	424
XAccumPrev_Cnt_M_u32[2]	43214
tte_Inst_Sa_CDDInterface	tgt_Rte_Inst_Sa_CDDInterface
_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	145970
_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	145991
_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	145998

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Name	Input Value			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr1_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr2_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32			
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32$	tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPosFloat_Re				
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0				
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CumMechMtrPos_Rev_f32	tgt_CDDInterface_Per1_CumMechMtrPos_R	_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxError_Cnt_u16 tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_	tgt_CDDInterface_Per1_Die1RxError_Cnt_u16 target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxMtrPos_Cnt_u16	tgt CDDInterface Per1 Die1RxMtrPos Cnt u16			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxRevCtr_Cnt_u16	tgt CDDInterface Per1 Die1RxRevCtr Cnt	_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxError_Cnt_u16	tgt_CDDInterface_Per1_Die2RxError_Cnt_u	- 16		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxMtrPos_Cnt_u16	tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_	_u16		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxRevCtr_Cnt_u16	tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_	_u16		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeA_	Cnt_u32		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeB_	· -		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_LRPRPhaseadvanceCaptured_				
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32 tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32 tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32			
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 MechMtrPos1TimeStamp USe				
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MechMtrPos2TimeStamp_USe	1 - 1			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ModIdxFinal_Uls_f32	tgt_CDDInterface_Per1_ModIdxFinal_Uls_f3.			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrDax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrDax_Amp_f3			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK1_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32	2		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK2_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32	2		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32	tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrQax_Amp_f3			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u				
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCVSwitchADC_Cnt_u16	tgt_CDDInterface_Per1_SysCVSwitchADC_0	_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCorrectedElecMtrPos_Rev_ tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_UncorrMechMtrPos1_Rev_u0p	tgt_CDDInterface_Per1_SysCorrectedElecM tgt_CDDInterface_Per1_UncorrMechMtrPos1			
Name	Actual Value	Expected Value	Result	
CDD_CDDDataAccessBfr_Cnt_G_u16	1	1	Kesuit	
PXAccumPrev Cnt M u32[0]	18246	18246	~	
PXAccumPrev_Cnt_M_u32[1]	18248	18248	~	
PXAccumPrev_Cnt_M_u32[2]	18249	18249	~	
target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	142	142	•	
tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value	2.00025487	2.00025487 ± 0.0625	~	
tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value	2.00015473	2.00015473 ± 0.0625	~	
tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value	5745.14014	5745.14014	~	
tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value	0	0	✓	
tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value	-0.299987793	-0.300003052 ± 0.0625		
tgt CDDInterface Per1 Die1RxError Cnt u16.value	182	182	~	
tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value	2357	2357	~	
tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value	166	166	~	
tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value	174	174	~	
tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value	126	126	•	
tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value	142	142	~	
tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value	2236	2236	~	
tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value	3325	3325	•	
tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value			✓	
tgt_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value	5019	5019		
tgt_CDDInterface_Perit_MeasuredOnTimeA_Cnt_u32.value	16	16	~	
tat CDDInterface Per1 MeasuredOnTimeR Cnt u32 value	16 18016	16 18016	*	
tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value	16 18016 17824	16 18016 17824	\rightarrow \right	
tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value	16 18016	16 18016	*	
	16 18016 17824 536845947	16 18016 17824 536845947	· · · · · · · · · · · · · · · · · · ·	
tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value	16 18016 17824 536845947 5745	16 18016 17824 536845947 5745	· · · · · · · · · · · · · · · · · · ·	
tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value	16 18016 17824 536845947 5745 5503	16 18016 17824 536845947 5745 5503	· · · · · · · · · · · · · · · · · · ·	
tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_ModIdxFinal_UIs_f32.value	16 18016 17824 536845947 5745 5503 0.166091919	16 18016 17824 536845947 5745 5503 0.166107178 ± 0.0625	***************************************	
tgl_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_ModIdxFinal_UIs_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value	16 18016 17824 536845947 5745 5503 0.166091919 131.130005 55.7999992 64.1500015	16 18016 17824 536845947 5745 5503 0.166107178 ± 0.0625 131.130005 55.7999992 64.1500015	· · · · · · · · · · · · · · · · · · ·	
tgl_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_ModIdxFinal_UIs_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrCaxFinalRef_Amp_f32.value	16 18016 17824 536845947 5745 5503 0.166091919 131.130005 55.7999992 64.1500015 -118.010002	16 18016 17824 536845947 5745 5503 0.166107178 ± 0.0625 131.130005 55.7999992 64.1500015 -118.010002	***************************************	
tgl_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_ModIdxFinal_UIs_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrCaxFinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value	16 18016 17824 536845947 5745 5503 0.166091919 131.130005 55.7999992 64.1500015 -118.010002 120.710999	16 18016 17824 536845947 5745 5503 0.166107178 ± 0.0625 131.130005 55.7999992 64.1500015 -118.010002 120.710999	· · · · · · · · · · · · · · · · · · ·	
tgl_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgl_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgl_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgl_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgl_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgl_CDDInterface_Per1_MtrCurrK1_Amp_f32.value tgl_CDDInterface_Per1_MtrCurrK2_Amp_f32.value tgl_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value tgl_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgl_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgl_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgl_CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u16.value	16 18016 17824 536845947 5745 5503 0.166091919 131.130005 55.7999992 64.1500015 -118.010002 120.710999 100	16 18016 17824 536845947 5745 5503 0.166107178 ± 0.0625 131.130005 55.7999992 64.1500015 -118.010002 120.710999 100	· · · · · · · · · · · · · · · · · · ·	
tgl_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgl_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u16.value tgt_CDDInterface_Per1_SysCVSwitchADC_Cnt_u16.value	16 18016 17824 536845947 5745 5503 0.166091919 131.130005 55.7999992 64.1500015 -118.010002 120.710999 100 5628	16 18016 17824 536845947 5745 5503 0.166107178 ± 0.0625 131.130005 55.7999992 64.1500015 -118.010002 120.710999 100 5628	· · · · · · · · · · · · · · · · · · ·	
tgl_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgl_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgl_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgl_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgl_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgl_CDDInterface_Per1_MtrCurrK1_Amp_f32.value tgl_CDDInterface_Per1_MtrCurrK2_Amp_f32.value tgl_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value tgl_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgl_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgl_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgl_CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u16.value	16 18016 17824 536845947 5745 5503 0.166091919 131.130005 55.7999992 64.1500015 -118.010002 120.710999 100	16 18016 17824 536845947 5745 5503 0.166107178 ± 0.0625 131.130005 55.7999992 64.1500015 -118.010002 120.710999 100	· · · · · · · · · · · · · · · · · · ·	





Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
CDDPorts_ClearPhsReasSum	1	CDDPorts_ClearPhsReasSum	1	~

Test Step 2.82 (Repeat Count = 1)	
Name	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16	1
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	5628.27979
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	8097.25
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	0
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	51773
CDD_CumMechMtrPos_Rev_G_s15p16[0]	20971
CDD_CumMechMtrPos_Rev_G_s15p16[1]	26869
CDD_Die1RxError_Cnt_G_u16[0]	190
CDD_Die1RxError_Cnt_G_u16[1] CDD_Die1RxMtrPos_Cnt_G_u16[0]	192 142
CDD_Die1RxMtrPos_Cft_G_u16[0] CDD_Die1RxMtrPos_Cft_G_u16[1]	158
CDD_Die1RxRevCtr_Cnt_G_u16[0]	174
CDD_Die1RxRevCtr_Cnt_G_u16[1]	176
CDD_Die2RxError_Cnt_G_u16[0]	182
CDD_Die2RxError_Cnt_G_u16[1]	184
CDD_Die2RxMtrPos_Cnt_G_u16[0]	2357
CDD_Die2RxMtrPos_Cnt_G_u16[1]	3039
CDD_Die2RxRevCtr_Cnt_G_u16[0]	166
CDD_Die2RxRevCtr_Cnt_G_u16[1]	168
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	5628
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	8097
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0]	5624
CDD_MechMtrPos2TimeStamp_uSec_G_u32[1]	8088
CDD_ModIdxFinal_Uls_G_u16p16[0]	8100
CDD_ModldxFinal_Uls_G_u16p16[1]	8106
CDD_MtrCurr1_Volts_G_f32[0]	2.01452351
CDD_MtrCurr1_Volts_G_f32[1]	1.01452363
CDD_MtrCurr2_Volts_G_f32[0]	2.01452351
CDD_MtrCurr2_Volts_G_f32[1]	1.01452363
CDD_MtrCurrDax_Amp_G_f32[0]	-200.130005
CDD_MtrCurrDax_Amp_G_f32[1]	-146.240005 25.7400047
CDD_MtrCurrK1_Amps_G_f32[0] CDD_MtrCurrK1_Amps_G_f32[1]	35.7400017 29.7099991
CDD_MtrCurrK2_Amps_G_f32[0]	6.2699998
CDD_MtrCurrK2_Amps_G_f32[1]	11.2799997
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	141.156998
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	151.380005
CDD_MtrCurrQax_Amp_G_f32[0]	144.751007
CDD_MtrCurrQax_Amp_G_f32[1]	155.233994
CDD_PWMDutyCycleASum_Cnt_G_u32[0]	1026
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	1040
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	222
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	368
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	6567
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	8910
CDD_PhaseAdvFinal_Cnt_G_u16[0]	3809
CDD_PhaseAdvFinal_Cnt_G_u16[1]	5283
CDD_RxMtrPos1ParityAccum_Cnt_G_u16[0]	126
CDD_RxMtrPos1ParityAccum_Cnt_G_u16[1]	156
CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[0]	150
CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[1]	159
CDD_SysCVSwitchADC_Cnt_G_u16[0]	254
CDD_SysCVSwitchADC_Cnt_G_u16[1] CDD_SysCorrectedEleaMtrDes_Rev_C_u0n16[0]	592
CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[0] CDD SysCorrectedElecMtrPos Rev G u0p16[1]	51773 52429
CDD_sysCorrectedElecMtrPos_Rev_G_u0p16[1] CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	51773
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	52429
PXAccumPrev_Cnt_M_u32[0]	238
PXAccumPrev_Cnt_M_u32[1]	480
PXAccumPrev_Cnt_M_u32[2]	44439
Rte_Inst_Sa_CDDInterface	tgt_Rte_Inst_Sa_CDDInterface
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	146026
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	146026
, , ,	646047

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Name	Input Value		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr1_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr1_Volts	_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr2_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr2_Volts	_f32	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32$	tgt_CDDInterface_Per1_CorrMtrCurrPosition	_Rev_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CumMechMtrPos_Rev_f32	tgt_CDDInterface_Per1_CumMechMtrPos_R	-	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxError_Cnt_u16 tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_	tgt_CDDInterface_Per1_Die1RxError_Cnt_u target_CDDInterface_Per1_Die1UnderVoltgF		
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 Die1RxMtrPos Cnt u16	tgt CDDInterface Per1 Die1RxMtrPos Cnt		
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 Die1RxRevCtr Cnt u16	tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxError_Cnt_u16	tgt_CDDInterface_Per1_Die2RxError_Cnt_u		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxMtrPos_Cnt_u16	tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_	_u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxRevCtr_Cnt_u16	tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_	<u>u</u> 16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeA_	Cnt_u32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeB_	· -	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeC_	-	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_LRPRPhaseadvanceCaptured_	tgt_CDDInterface_Per1_LRPRPhaseadvance		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32 tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeA_ tgt_CDDInterface_Per1_MeasuredOnTimeB	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32	tgt CDDInterface Per1 MeasuredOnTimeC	-	
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 MechMtrPos1TimeStamp USe		_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MechMtrPos2TimeStamp_USe		·	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ModIdxFinal_Uls_f32	tgt_CDDInterface_Per1_ModIdxFinal_Uls_f3.		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrDax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrDax_Amp_f3		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK1_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32	2	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK2_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32	2	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32	tgt_CDDInterface_Per1_MtrCurrQaxFinalRef		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrQax_Amp_f3		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCVSwitchADC_Cnt_u16	tgt_CDDInterface_Per1_SysCVSwitchADC_0	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCorrectedElecMtrPos_Rev_ tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_UncorrMechMtrPos1_Rev_u0p	tgt_CDDInterface_Per1_SysCorrectedElecM tgt_CDDInterface_Per1_UncorrMechMtrPos1		
Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	0	0	result
PXAccumPrev Cnt M u32[0]	18253	18253	~
PXAccumPrev_Cnt_M_u32[1]	18253	18253	~
PXAccumPrev_Cnt_M_u32[2]	80755	80755	~
target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	159	159	~
tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value	1.01452363	1.01452363 ± 0.0625	~
tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value	1.01452363	1.01452363 ± 0.0625	~
tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value	8097.25	8097.25	V
tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value	0.789993286	0.789993286	~
tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value	51773 0.409988403	51773 0.410003662 ± 0.0625	
tgt CDDInterface Per1 Die1RxError Cnt u16.value	192	192	~
tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value	158	158	~
tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value	176	176	~
tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value	184	184	~
tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value	3039	3039	~
tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value			
tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value	168	168	~
tgt CDDInterface Per1 ExpectedOnTimeB Cnt u32.value	1040	1040	✓
	1040 368	1040 368	*
tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value	1040 368 8910	1040 368 8910	\rightarrow \right
tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value	1040 368 8910 495	1040 368 8910 495	***
tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value	1040 368 8910 495 18015	1040 368 8910 495 18015	> > > >
tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value	1040 368 8910 495 18015 17773	1040 368 8910 495 18015 17773	· · · · · · · · · · · · · · · · · · ·
tgl_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgl_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value tgl_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgl_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgl_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value	1040 368 8910 495 18015	1040 368 8910 495 18015	> > > >
tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value	1040 368 8910 495 18015 17773 36316	1040 368 8910 495 18015 17773 36316	· · · · · · · · · · · · · · · · · · ·
tgl_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgl_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value tgl_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgl_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgl_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgl_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value	1040 368 8910 495 18015 17773 36316 8097	1040 368 8910 495 18015 17773 36316 8097	· · · · · · · · · · · · · · · · · · ·
tgl_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgl_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value tgl_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgl_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgl_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgl_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgl_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value	1040 368 8910 495 18015 17773 36316 8097 8088	1040 368 8910 495 18015 17773 36316 8097 8088	***************************************
tgl_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgl_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value tgl_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgl_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgl_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgl_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgl_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgl_CDDInterface_Per1_ModIdxFinal_UIs_f32.value	1040 368 8910 495 18015 17773 36316 8097 8088 0.123687744	1040 368 8910 495 18015 17773 36316 8097 8088 0.123703003 ± 0.0625	***************************************
tgl_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgl_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value tgl_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgl_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgl_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgl_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgl_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgl_CDDInterface_Per1_ModIdxFinal_UIs_f32.value tgl_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgl_CDDInterface_Per1_MtrCurrK1_Amp_f32.value tgl_CDDInterface_Per1_MtrCurrK2_Amp_f32.value	1040 368 8910 495 18015 17773 36316 8097 8088 0.123687744 -146.240005 29.7099991 11.2799997	1040 368 8910 495 18015 17773 36316 8097 8088 0.123703003 ± 0.0625 -146.240005 29.7099991 11.2799997	· · · · · · · · · · · · · · · · · · ·
tgl_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgl_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value tgl_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgl_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgl_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgl_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgl_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgl_CDDInterface_Per1_MedldxFinal_UIs_f32.value tgl_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgl_CDDInterface_Per1_MtrCurrK1_Amp_f32.value tgl_CDDInterface_Per1_MtrCurrK2_Amp_f32.value tgl_CDDInterface_Per1_MtrCurrK2_Amp_f32.value tgl_CDDInterface_Per1_MtrCurrK2_Amp_f32.value	1040 368 8910 495 18015 17773 36316 8097 8088 0.123687744 -146.240005 29.7099991 11.2799997 151.380005	1040 368 8910 495 18015 17773 36316 8097 8088 0.123703003 ± 0.0625 -146.240005 29.7099991 11.2799997 151.380005	· · · · · · · · · · · · · · · · · · ·
tgl_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgl_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value tgl_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgl_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgl_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgl_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgl_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgl_CDDInterface_Per1_MedldxFinal_UIs_f32.value tgl_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgl_CDDInterface_Per1_MtrCurrK1_Amp_f32.value tgl_CDDInterface_Per1_MtrCurrK2_Amp_f32.value tgl_CDDInterface_Per1_MtrCurrK2_Amp_f32.value tgl_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value tgl_CDDInterface_Per1_MtrCurrQax_FinalRef_Amp_f32.value tgl_CDDInterface_Per1_MtrCurrQax_Amp_f32.value	1040 368 8910 495 18015 17773 36316 8097 8088 0.123687744 -146.240005 29.7099991 11.2799997 151.380005 155.233994	1040 368 8910 495 18015 17773 36316 8097 8088 0.123703003 ± 0.0625 -146.240005 29.7099991 11.2799997 151.380005 155.233994	· · · · · · · · · · · · · · · · · · ·
tgl_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgl_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value tgl_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgl_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgl_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgl_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgl_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgl_CDDInterface_Per1_MedldxFinal_UIs_f32.value tgl_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgl_CDDInterface_Per1_MtrCurrK1_Amp_f32.value tgl_CDDInterface_Per1_MtrCurrK2_Amp_f32.value tgl_CDDInterface_Per1_MtrCurrCaxFinalRef_Amp_f32.value tgl_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value tgl_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgl_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgl_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgl_CDDInterface_Per1_MtrCurrQax_Amp_f32.value	1040 368 8910 495 18015 17773 36316 8097 8088 0.123687744 -146.240005 29.7099991 11.2799997 151.380005 155.233994	1040 368 8910 495 18015 17773 36316 8097 8088 0.123703003 ± 0.0625 -146.240005 29.7099991 11.2799997 151.380005 155.233994	· · · · · · · · · · · · · · · · · · ·
tgl_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgl_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value tgl_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgl_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgl_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgl_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgl_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgl_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgl_CDDInterface_Per1_ModldxFinal_UIs_f32.value tgl_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgl_CDDInterface_Per1_MtrCurrK1_Amp_f32.value tgl_CDDInterface_Per1_MtrCurrK2_Amp_f32.value tgl_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value tgl_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgl_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgl_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgl_CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u16.value tgl_CDDInterface_Per1_SysCVSwitchADC_Cnt_u16.value	1040 368 8910 495 18015 17773 36316 8097 8088 0.123687744 -146.240005 29.7099991 11.2799997 151.380005 155.233994 156 592	1040 368 8910 495 18015 17773 36316 8097 8088 0.123703003 ± 0.0625 -146.240005 29.7099991 11.2799997 151.380005 155.233994 156 592	***************************************
tgl_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgl_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value tgl_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgl_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgl_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgl_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgl_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgl_CDDInterface_Per1_MedldxFinal_UIs_f32.value tgl_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgl_CDDInterface_Per1_MtrCurrK1_Amp_f32.value tgl_CDDInterface_Per1_MtrCurrK2_Amp_f32.value tgl_CDDInterface_Per1_MtrCurrCaxFinalRef_Amp_f32.value tgl_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value tgl_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgl_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgl_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgl_CDDInterface_Per1_MtrCurrQax_Amp_f32.value	1040 368 8910 495 18015 17773 36316 8097 8088 0.123687744 -146.240005 29.7099991 11.2799997 151.380005 155.233994	1040 368 8910 495 18015 17773 36316 8097 8088 0.123703003 ± 0.0625 -146.240005 29.7099991 11.2799997 151.380005 155.233994	***************************************



Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
CDDPorts_ClearPhsReasSum	1	CDDPorts_ClearPhsReasSum	1	~

Test Step 2.83 (Repeat Count = 1) Name	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16	Input Value
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	2841.84009
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	3787.28003
CDD CorrectedElecMtrPos Rev G u0p16[0]	53084
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	53740
CDD_CumMechMtrPos_Rev_G_s15p16[0]	4521
CDD_CumMechMtrPos_Rev_G_s15p16[1]	4587
CDD_Die1RxError_Cnt_G_u16[0]	0
CDD_Die1RxError_Cnt_G_u16[1]	0
CDD_Die1RxMtrPos_Cnt_G_u16[0]	182
CDD_Die1RxMtrPos_Cnt_G_u16[1]	184
CDD_Die1RxRevCtr_Cnt_G_u16[0]	198
CDD_Die1RxRevCtr_Cnt_G_u16[1]	200
CDD_Die2RxError_Cnt_G_u16[0]	3083 4161
CDD_Die2RxError_Cnt_G_u16[1] CDD_Die2RxMtrPos_Cnt_G_u16[0]	174
CDD_Die2RxMtrPos_Cnt_G_u16[1]	176
CDD_Die2RxRevCtr_Cnt_G_u16[0]	190
CDD_Die2RxRevCtr_Cnt_G_u16[1]	192
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	3930
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	5470
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0]	214
CDD_MechMtrPos2TimeStamp_uSec_G_u32[1]	312
CDD_ModldxFinal_Uls_G_u16p16[0]	43247
CDD_ModldxFinal_Uls_G_u16p16[1]	43253
CDD_MtrCurr1_Volts_G_f32[0]	2.01095629
CDD_MtrCurr1_Volts_G_f32[1]	1.01095641
CDD_MtrCurr2_Volts_G_f32[0]	2.01095629
CDD_MtrCurr2_Volts_G_f32[1]	1.01095641
CDD_MtrCurrDax_Amp_G_f32[0]	46.4199982
CDD_MtrCurrDax_Amp_G_f32[1] CDD_MtrCurrK1_Amps_G_f32[0]	56.9500008 39.4000015
CDD_MtrCurrK1_Amps_G_f32[1]	32.0499992
CDD_MtrCurrK2_Amps_G_f32[0]	-74
CDD_MtrCurrK2_Amps_G_f32[1]	-64
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	214.837006
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	215.839996
CDD_MtrCurrQax_Amp_G_f32[0]	141.156998
CDD_MtrCurrQax_Amp_G_f32[1]	151.380005
CDD_PWMDutyCycleASum_Cnt_G_u32[0]	1389
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	1543
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	246
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	536
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	4777
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	6779
CDD_PhaseAdvFinal_Cnt_G_u16[0]	126
CDD_PhaseAdvFinal_Cnt_G_u16[1] CDD_RxMtrPos1ParityAccum_Cnt_G_u16[0]	156 166
CDD_RxMtrPos1ParityAccum_Cnt_G_u16[0] CDD_RxMtrPos1ParityAccum_Cnt_G_u16[1]	168
CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[0]	158
CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[1]	160
CDD_SysCVSwitchADC_Cnt_G_u16[0]	6567
CDD_SysCVSwitchADC_Cnt_G_u16[1]	8910
CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[0]	53740
CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[1]	54395
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	53740
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	54395
PXAccumPrev_Cnt_M_u32[0]	262
PXAccumPrev_Cnt_M_u32[1]	648
PXAccumPrev_Cnt_M_u32[2]	48114
Rte_Inst_Sa_CDDInterface	tgt_Rte_Inst_Sa_CDDInterface
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	646047
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	545942 145949

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Name	Input Value		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr1_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_	_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr2_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_	_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32	tgt_CDDInterface_Per1_CorrMtrCurrPosition_	_Rev_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev	tgt_CDDInterface_Per1_CorrectedElecMtrPo	sFloat_Rev_f32	
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 CorrectedElecMtrPos Rev u0p			
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 CumMechMtrPos Rev f32	tgt CDDInterface Per1 CumMechMtrPos R	:	
		_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxError_Cnt_u16	tgt_CDDInterface_Per1_Die1RxError_Cnt_u1		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_	target_CDDInterface_Per1_Die1UnderVoltgF		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxMtrPos_Cnt_u16	tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxRevCtr_Cnt_u16	tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_	u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxError_Cnt_u16	tgt_CDDInterface_Per1_Die2RxError_Cnt_u1	16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxMtrPos_Cnt_u16	tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_	<u>u</u> 16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxRevCtr_Cnt_u16	tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_	u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeA_0	Cnt_u32	
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 ExpectedOnTimeB Cnt u32	tgt_CDDInterface_Per1_ExpectedOnTimeB_0	Cnt u32	
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 ExpectedOnTimeC Cnt u32	tgt CDDInterface Per1 ExpectedOnTimeC		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_LRPRPhaseadvanceCaptured_	tgt_CDDInterface_Per1_LRPRPhaseadvance	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeA_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeB_	-	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeC_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MechMtrPos1TimeStamp_USe	tgt_CDDInterface_Per1_MechMtrPos1TimeS	tamp_USec_u32	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MechMtrPos2TimeStamp_USerror = 0.0000000000000000000000000000000000$	tgt_CDDInterface_Per1_MechMtrPos2TimeS	tamp_USec_u32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ModIdxFinal_Uls_f32	tgt_CDDInterface_Per1_ModIdxFinal_Uls_f32	2	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrDax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrDax_Amp_f3	2	
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 MtrCurrK1 Amp f32	tgt CDDInterface Per1 MtrCurrK1 Amp f32		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK2_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32	tgt_CDDInterface_Per1_MtrCurrQaxFinalRef		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrQax_Amp_f3		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u	tgt_CDDInterface_Per1_RxMtrPos1ParityAcc		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCVSwitchADC_Cnt_u16	tgt_CDDInterface_Per1_SysCVSwitchADC_0	Cnt_u16	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCorrectedElecMtrPos_Rev_Inst_SysCorrectedElecMtrPos_SysCorrectedElecMtrPos_Rev_Inst_SysCorrectedElecMtrPos_SysCor$	tgt_CDDInterface_Per1_SysCorrectedElecMt	rPos_Rev_f32	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_UncorrMechMtrPos1_Rev_u0p^-$	tgt_CDDInterface_Per1_UncorrMechMtrPos1	_Rev_u0p16	
Name	Actual Value	Expected Value	Result
	0	0	~
CDD_CDDDataAccessBfr_Cnt_G_u16	0	0	<u>ب</u>
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0]	80755	80755	٠ ٠
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1]	80755 68242	80755 68242	~
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2]	80755 68242 18243	80755 68242 18243	~
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	80755 68242 18243 160	80755 68242 18243 160	٠ •
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2]	80755 68242 18243	80755 68242 18243	~
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	80755 68242 18243 160	80755 68242 18243 160	٠ ٧
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value	80755 68242 18243 160 1.01095641	80755 68242 18243 160 1.01095641 ± 0.0625	· · ·
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value	80755 68242 18243 160 1.01095641 1.01095641	80755 68242 18243 160 1.01095641 ± 0.0625 1.01095641 ± 0.0625	· · · · · · · · · · · · · · · · · · ·
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value	80755 68242 18243 160 1.01095641 1.01095641 3787.28003 0.820007324	80755 68242 18243 160 1.01095641 ± 0.0625 1.01095641 ± 0.0625 3787.28003 0.820007324	· · · · · · · · · · · · · · · · · · ·
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value	80755 68242 18243 160 1.01095641 1.01095641 3787.28003 0.820007324 53740	80755 68242 18243 160 1.01095641 ± 0.0625 1.01095641 ± 0.0625 3787.28003 0.820007324 53740	· · · · · · · · · · · · · · · · · · ·
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value	80755 68242 18243 160 1.01095641 1.01095641 3787.28003 0.820007324 53740 0.0699920654	80755 68242 18243 160 1.01095641 ± 0.0625 1.01095641 ± 0.0625 3787.28003 0.820007324	\rightarrow \right
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value	80755 68242 18243 160 1.01095641 1.01095641 3787.28003 0.820007324 53740 0.0699920654 0	80755 68242 18243 160 1.01095641 ± 0.0625 1.01095641 ± 0.0625 3787.28003 0.820007324 53740 0.0700073242 ± 0.0625 0	· · · · · · · · · · · · · · · · · · ·
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value	80755 68242 18243 160 1.01095641 1.01095641 3787.28003 0.820007324 53740 0.0699920654 0	80755 68242 18243 160 1.01095641 ± 0.0625 1.01095641 ± 0.0625 3787.28003 0.820007324 53740 0.0700073242 ± 0.0625 0 184	· · · · · · · · · · · · · · · · · · ·
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value	80755 68242 18243 160 1.01095641 1.01095641 3787.28003 0.820007324 53740 0.0699920654 0 184 200	80755 68242 18243 160 1.01095641 ± 0.0625 1.01095641 ± 0.0625 3787.28003 0.820007324 53740 0.0700073242 ± 0.0625 0 184 200	· · · · · · · · · · · · · · · · · · ·
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value	80755 68242 18243 160 1.01095641 1.01095641 3787.28003 0.820007324 53740 0.0699920654 0 184 200	80755 68242 18243 160 1.01095641 ± 0.0625 1.01095641 ± 0.0625 3787.28003 0.820007324 53740 0.0700073242 ± 0.0625 0 184 200 4161	· · · · · · · · · · · · · · · · · · ·
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value	80755 68242 18243 160 1.01095641 1.01095641 3787.28003 0.820007324 53740 0.0699920654 0 184 200	80755 68242 18243 160 1.01095641 ± 0.0625 1.01095641 ± 0.0625 3787.28003 0.820007324 53740 0.0700073242 ± 0.0625 0 184 200	· · · · · · · · · · · · · · · · · · ·
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value	80755 68242 18243 160 1.01095641 1.01095641 3787.28003 0.820007324 53740 0.0699920654 0 184 200	80755 68242 18243 160 1.01095641 ± 0.0625 1.01095641 ± 0.0625 3787.28003 0.820007324 53740 0.0700073242 ± 0.0625 0 184 200 4161	· · · · · · · · · · · · · · · · · · ·
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value	80755 68242 18243 160 1.01095641 1.01095641 3787.28003 0.820007324 53740 0.0699920654 0 184 200 4161 176	80755 68242 18243 160 1.01095641 ± 0.0625 1.01095641 ± 0.0625 3787.28003 0.820007324 53740 0.0700073242 ± 0.0625 0 184 200 4161 176	· · · · · · · · · · · · · · · · · · ·
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CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_McourtR1_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value	80755 68242 18243 160 1.01095641 1.01095641 3787.28003 0.820007324 53740 0.0699920654 0 184 200 4161 176 192 1543 536 6779 14 80493 67594 536841041 5470 312 0.659988403 56.9500008 32.0499992 -64 215.839996 151.380005 168	80755 68242 18243 160 1.01095641 ± 0.0625 1.01095641 ± 0.0625 3787.28003 0.820007324 53740 0.0700073242 ± 0.0625 0 184 200 4161 176 192 1543 536 6779 14 80493 67594 536841041 5470 312 0.660003662 ± 0.0625 56.9500008 32.0499992 -64 215.839996 151.380005 168	· · · · · · · · · · · · · · · · · · ·
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeS_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeS_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MrcCurrR2_Amp_f32.value tgt_CDDInterface_Per1_MrcCurrR2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrR2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value	80755 68242 18243 160 1.01095641 1.01095641 3787.28003 0.820007324 53740 0.0699920654 0 184 200 4161 176 192 1543 536 6779 14 80493 67594 536841041 5470 312 0.659988403 56.9500008 32.0499992 -64 215.839996 151.380005	80755 68242 18243 160 1.01095641 ± 0.0625 1.01095641 ± 0.0625 3787.28003 0.820007324 53740 0.0700073242 ± 0.0625 0 184 200 4161 176 192 1543 536 6779 14 80493 67594 536841041 5470 312 0.660003662 ± 0.0625 56.950008 32.0499992 -64 215.839996 151.380005	
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_McourtR1_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value	80755 68242 18243 160 1.01095641 1.01095641 3787.28003 0.820007324 53740 0.0699920654 0 184 200 4161 176 192 1543 536 6779 14 80493 67594 536841041 5470 312 0.659988403 56.9500008 32.0499992 -64 215.839996 151.380005 168	80755 68242 18243 160 1.01095641 ± 0.0625 1.01095641 ± 0.0625 3787.28003 0.820007324 53740 0.0700073242 ± 0.0625 0 184 200 4161 176 192 1543 536 6779 14 80493 67594 536841041 5470 312 0.660003662 ± 0.0625 56.9500008 32.0499992 -64 215.839996 151.380005 168	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeStamp_USec_u32.value tgt_CDDInterface_Per1_MeoMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MeoMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MecMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MtrCurrR1_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrR2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrR2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrR2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_FinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_FinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_FinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_FinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_FinalRef_Amp_f32.value	80755 68242 18243 160 1.01095641 1.01095641 3787.28003 0.820007324 53740 0.0699920654 0 184 200 4161 176 192 1543 536 6779 14 80493 67594 536841041 5470 312 0.659988403 56.9500008 32.0499992 -64 215.839996 151.380005 168 8910	80755 68242 18243 160 1.01095641 ± 0.0625 1.01095641 ± 0.0625 3787.28003 0.820007324 53740 0.0700073242 ± 0.0625 0 184 200 4161 176 192 1543 536 6779 14 80493 67594 536841041 5470 312 0.660003662 ± 0.0625 56.9500008 32.0499992 -64 215.839996 151.380005 168 8910	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \



Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
CDDPorts_ClearPhsReasSum	1	CDDPorts_ClearPhsReasSum	1	~

Test Step 2.84 (Repeat Count = 1)	→
Name	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16	0
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	190.257996
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	192.25
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	53740
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	54394
CDD_CumMechMtrPos_Rev_G_s15p16[0]	-4653
CDD_CumMechMtrPos_Rev_G_s15p16[1]	-4718
CDD_Die1RxError_Cnt_G_u16[0]	65535 65535
CDD_Die1RxError_Cnt_G_u16[1] CDD_Die1RxMtrPos_Cnt_G_u16[0]	190
CDD_Die1RxMtrPos_Cnt_G_u16[1]	192
CDD_Die1RxRevCtr_Cnt_G_u16[0]	3083
CDD_Die1RxRevCtr_Cnt_G_u16[1]	4161
CDD_Die2RxError_Cnt_G_u16[0]	3204
CDD_Die2RxError_Cnt_G_u16[1]	4348
CDD_Die2RxMtrPos_Cnt_G_u16[0]	182
CDD_Die2RxMtrPos_Cnt_G_u16[1]	184
CDD_Die2RxRevCtr_Cnt_G_u16[0]	198
CDD_Die2RxRevCtr_Cnt_G_u16[1]	200
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	100
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	150
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0] CDD_MechMtrPos2TimeStamp_uSec_G_u32[1]	222 368
CDD_ModIdxFinal_Uls_G_u16p16[0]	8152
CDD_ModIdxFinal_UIs_G_u16p16[1]	8159
CDD MtrCurr1 Volts G f32[0]	0.0155427996
CDD_MtrCurr1_Volts_G_f32[1]	4.01554298
CDD_MtrCurr2_Volts_G_f32[0]	0.0155427996
CDD_MtrCurr2_Volts_G_f32[1]	4.01554298
CDD_MtrCurrDax_Amp_G_f32[0]	72.3700027
CDD_MtrCurrDax_Amp_G_f32[1]	88.3199997
CDD_MtrCurrK1_Amps_G_f32[0]	-87.8199997
CDD_MtrCurrK1_Amps_G_f32[1]	-69.1600037
CDD_MtrCurrK2_Amps_G_f32[0]	75.5
CDD_MtrCurrK2_Amps_G_f32[1] CDD_MtrCurrCovEinelBef_Amp_C_f32[0]	83.8000031 10.25
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0] CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	15.3599997
CDD_MtrCurrQax_Amp_G_f32[0]	-176.199997
CDD_MtrCurrQax_Amp_G_f32[1]	-165.716995
CDD PWMDutyCycleASum Cnt G u32[0]	1510
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	1730
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	254
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	592
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	4898
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	6966
CDD_PhaseAdvFinal_Cnt_G_u16[0]	134
CDD_PhaseAdvFinal_Cnt_G_u16[1]	157
CDD_RxMtrPos1ParityAccum_Cnt_G_u16[0]	174
CDD_RxMtrPos1ParityAccum_Cnt_G_u16[1] CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[0]	176 166
CDD_RxMtrPos1UnderVoltgFitAccum_Cnt_u16[1]	168
CDD SysCVSwitchADC Cnt G u16[0]	7688
CDD_SysCVSwitchADC_Cnt_G_u16[1]	9097
CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[0]	0
CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[1]	55050
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	0
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	55050
PXAccumPrev_Cnt_M_u32[0]	270
PXAccumPrev_Cnt_M_u32[1]	704
PXAccumPrev_Cnt_M_u32[2]	49339
Rte_Inst_Sa_CDDInterface e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	tgt_Rte_Inst_Sa_CDDInterface 146054
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	145949
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	145956

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Name	Input Value		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr1_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr1_Volts	_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr2_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr2_Volts	_f32	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32$	tgt_CDDInterface_Per1_CorrMtrCurrPosition	_Rev_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CumMechMtrPos_Rev_f32	tgt_CDDInterface_Per1_CumMechMtrPos_R	-	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxError_Cnt_u16 tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_	tgt_CDDInterface_Per1_Die1RxError_Cnt_u' target_CDDInterface_Per1_Die1UnderVoltgF		
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 Die1RxMtrPos Cnt u16	tgt CDDInterface Per1 Die1RxMtrPos Cnt		
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 Die1RxRevCtr Cnt u16	tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxError_Cnt_u16	tgt_CDDInterface_Per1_Die2RxError_Cnt_u^		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxMtrPos_Cnt_u16	tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_	u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxRevCtr_Cnt_u16	tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_	u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeA_	Cnt_u32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeB_	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeC_	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_LRPRPhaseadvanceCaptured_	tgt_CDDInterface_Per1_LRPRPhaseadvance		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32 tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeA_ tgt_CDDInterface_Per1_MeasuredOnTimeB	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeC_		
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 MechMtrPos1TimeStamp USe		_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MechMtrPos2TimeStamp_USe			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ModIdxFinal_Uls_f32	tgt_CDDInterface_Per1_ModIdxFinal_Uls_f3:		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrDax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrDax_Amp_f3	2	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK1_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32	!	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK2_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32	tgt_CDDInterface_Per1_MtrCurrQaxFinalRef	_Amp_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrQax_Amp_f3		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCVSwitchADC_Cnt_u16	tgt_CDDInterface_Per1_SysCVSwitchADC_0	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCorrectedElecMtrPos_Rev_	tgt_CDDInterface_Per1_SysCorrectedElecMi		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_UncorrMechMtrPos1_Rev_u0p Name	tgt_CDDInterface_Per1_UncorrMechMtrPos1 Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	1	1	Result
PXAccumPrev Cnt M u32[0]	18256	18256	-
PXAccumPrev Cnt M u32[1]	18243	18243	✓
PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2]	18243 18244	18243 18244	V
			-
PXAccumPrev_Cnt_M_u32[2]	18244	18244	-
PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	18244 166	18244 166	*
PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value	18244 166 0.0155427996 0.0155427996 190.257996	18244 166 0.0155427996 ± 0.0625 0.0155427996 ± 0.0625 190.257996	· · · · · · · · · · · · · · · · · · ·
PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value	18244 166 0.0155427996 0.0155427996 190.257996 0.820007324	18244 166 0.0155427996 ± 0.0625 0.0155427996 ± 0.0625 190.257996 0.820007324	· · · · · · · · · · · · · · · · · · ·
PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value	18244 166 0.0155427996 0.0155427996 190.257996 0.820007324 53740	18244 166 0.0155427996 ± 0.0625 0.0155427996 ± 0.0625 190.257996 0.820007324 53740	· · · · · · · · · · · · · · · · · · ·
PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CurrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CurrectedElecMtrPos_Rev_f32.value	18244 166 0.0155427996 0.0155427996 190.257996 0.820007324 53740 -0.0709991455	18244 166 0.0155427996 ± 0.0625 0.0155427996 ± 0.0625 190.257996 0.820007324 53740 -0.0709991455 ± 0.0625	· · · · · · · · · · · · · · · · · · ·
PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value	18244 166 0.0155427996 0.0155427996 190.257996 0.820007324 53740 -0.0709991455 65535	18244 166 0.0155427996 ± 0.0625 0.0155427996 ± 0.0625 190.257996 0.820007324 53740 -0.0709991455 ± 0.0625 65535	· · · · · · · · · · · · · · · · · · ·
PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value	18244 166 0.0155427996 0.0155427996 190.257996 0.820007324 53740 -0.0709991455 65535 190	18244 166 0.0155427996 ± 0.0625 0.0155427996 ± 0.0625 190.257996 0.820007324 53740 -0.0709991455 ± 0.0625 65535 190	· · · · · · · · · · · · · · · · · · ·
PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value	18244 166 0.0155427996 0.0155427996 190.257996 0.820007324 53740 -0.0709991455 65535 190 3083	18244 166 0.0155427996 ± 0.0625 0.0155427996 ± 0.0625 190.257996 0.820007324 53740 -0.0709991455 ± 0.0625 65535 190 3083	· · · · · · · · · · · · · · · · · · ·
PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value	18244 166 0.0155427996 0.0155427996 190.257996 0.820007324 53740 -0.0709991455 65535 190	18244 166 0.0155427996 ± 0.0625 0.0155427996 ± 0.0625 190.257996 0.820007324 53740 -0.0709991455 ± 0.0625 65535 190	· · · · · · · · · · · · · · · · · · ·
PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value	18244 166 0.0155427996 0.0155427996 190.257996 0.820007324 53740 -0.0709991455 65535 190 3083 3204	18244 166 0.0155427996 ± 0.0625 0.0155427996 ± 0.0625 190.257996 0.820007324 53740 -0.0709991455 ± 0.0625 65535 190 3083 3204	***************************************
PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value	18244 166 0.0155427996 0.0155427996 190.257996 0.820007324 53740 -0.0709991455 65535 190 3083 3204 182	18244 166 0.0155427996 ± 0.0625 0.0155427996 ± 0.0625 190.257996 0.820007324 53740 -0.0709991455 ± 0.0625 65535 190 3083 3204 182	· · · · · · · · · · · · · · · · · · ·
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PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value	18244 166 0.0155427996 0.0155427996 190.257996 0.820007324 53740 -0.0709991455 65535 190 3083 3204 182 198 1510 254 4898	18244 166 0.0155427996 ± 0.0625 0.0155427996 ± 0.0625 190.257996 0.820007324 53740 -0.0709991455 ± 0.0625 65535 190 3083 3204 182 198 1510 254 4898	· · · · · · · · · · · · · · · · · · ·
PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value	18244 166 0.0155427996 0.0155427996 190.257996 0.820007324 53740 -0.0709991455 65535 190 3083 3204 182 198 1510 254 4898 12	18244 166 0.0155427996 ± 0.0625 0.0155427996 ± 0.0625 190.257996 0.820007324 53740 -0.0709991455 ± 0.0625 65535 190 3083 3204 182 198 1510 254 4898	***************************************
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PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MrcurrK1_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value	18244 166 0.0155427996 0.0155427996 190.257996 0.820007324 53740 -0.0709991455 65535 190 3083 3204 182 198 1510 254 4898 12 17986 17539 536839817 100 222 0.124389648 72.3700027 -87.8199997 75.5 10.25 -176.199997 174	18244 166 0.0155427996 ± 0.0625 0.0155427996 ± 0.0625 190.257996 0.820007324 53740 -0.0709991455 ± 0.0625 65535 190 3083 3204 182 198 1510 254 4898 12 17986 17539 536839817 100 222 0.124404907 ± 0.0625 72.3700027 -87.8199997 75.5 10.25 -176.199997 174	· · · · · · · · · · · · · · · · · · ·
PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_u0p16.value tgt_CDDInterface_Per1_CurmMechMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeS_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeStamp_USec_u32.value tgt_CDDInterface_Per1_MerOutrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value	18244 166 0.0155427996 0.0155427996 190.257996 0.820007324 53740 -0.0709991455 65535 190 3083 3204 182 198 1510 254 4898 12 17966 17539 536839817 100 222 0.124389648 72.3700027 -87.8199997 75.5 10.25 -176.199997 174 7688	18244 166 0.0155427996 ± 0.0625 0.0155427996 ± 0.0625 190.257996 0.820007324 53740 -0.0709991455 ± 0.0625 65535 190 3083 3204 182 198 1510 254 4898 12 17986 17539 536839817 100 222 0.124404907 ± 0.0625 72.3700027 -87.8199997 75.5 10.25 -176.199997 174 7688	· · · · · · · · · · · · · · · · · · ·
PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MrcurrK1_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value	18244 166 0.0155427996 0.0155427996 190.257996 0.820007324 53740 -0.0709991455 65535 190 3083 3204 182 198 1510 254 4898 12 17986 17539 536839817 100 222 0.124389648 72.3700027 -87.8199997 75.5 10.25 -176.199997 174	18244 166 0.0155427996 ± 0.0625 0.0155427996 ± 0.0625 190.257996 0.820007324 53740 -0.0709991455 ± 0.0625 65535 190 3083 3204 182 198 1510 254 4898 12 17986 17539 536839817 100 222 0.124404907 ± 0.0625 72.3700027 -87.8199997 75.5 10.25 -176.199997 174	· · · · · · · · · · · · · · · · · · ·





Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
CDDPorts_ClearPhsReasSum	1	CDDPorts_ClearPhsReasSum	1	~

Test Step 2.85 (Repeat Count = 1)	
Name	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16	1
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	2962.28003
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	3974.28711
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	0
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	55050
CDD_CumMechMtrPos_Rev_G_s15p16[0]	478
CDD_CumMechMtrPos_Rev_G_s15p16[1]	484
CDD_Die1RxError_Cnt_G_u16[0]	4898
CDD_Die1RxError_Cnt_G_u16[1]	6966
CDD_Die1RxMtrPos_Cnt_G_u16[0] CDD_Die1RxMtrPos_Cnt_G_u16[1]	198 200
CDD_Die1RxRevCtr_Cnt_G_u16[0]	3204
CDD_Die1RxRevCtr_Cnt_G_u16[1]	4348
CDD_Die2RxError_Cnt_G_u16[0]	3325
CDD_Die2RxError_Cnt_G_u16[1]	4535
CDD_Die2RxMtrPos_Cnt_G_u16[0]	190
CDD_Die2RxMtrPos_Cnt_G_u16[1]	192
CDD_Die2RxRevCtr_Cnt_G_u16[0]	3083
CDD_Die2RxRevCtr_Cnt_G_u16[1]	4161
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	126
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	156
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0]	230
CDD_MechMtrPos2TimeStamp_uSec_G_u32[1]	424
CDD_ModIdxFinal_Uls_G_u16p16[0]	16161
CDD_ModldxFinal_Uls_G_u16p16[1] CDD MtrCurr1 Volts G f32[0]	16167 1.01579762
CDD_MtrCurr1_Volts_G_f32[1]	2.01579762
CDD_MtrCurr2_Volts_G_f32[0]	1.01579762
CDD_MtrCurr2_Volts_G_f32[1]	2.01579762
CDD_MtrCurrDax_Amp_G_f32[0]	192.830994
CDD_MtrCurrDax_Amp_G_f32[1]	203.834
CDD_MtrCurrK1_Amps_G_f32[0]	70.8300018
CDD_MtrCurrK1_Amps_G_f32[1]	90.5599976
CDD_MtrCurrK2_Amps_G_f32[0]	50
CDD_MtrCurrK2_Amps_G_f32[1]	60
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	25.3600006
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	35.8899994
CDD_MtrCurrQax_Amp_G_f32[0]	-201.020004
CDD_MtrCurrQax_Amp_G_f32[1]	-190.276993
CDD_PWMDutyCycleASum_Cnt_G_u32[0]	1631
CDD_PWMDutyCycleASum_Cnt_G_u32[1] CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	1917 262
CDD PWMDutyCycleBSum Cnt G u32[1]	648
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	5019
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	7153
CDD_PhaseAdvFinal_Cnt_G_u16[0]	142
CDD_PhaseAdvFinal_Cnt_G_u16[1]	158
CDD_RxMtrPos1ParityAccum_Cnt_G_u16[0]	182
CDD_RxMtrPos1ParityAccum_Cnt_G_u16[1]	184
CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[0]	174
CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[1]	176
CDD_SysCVSwitchADC_Cnt_G_u16[0]	4656
CDD_SysCVSwitchADC_Cnt_G_u16[1]	6592
CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[0]	55050
CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[1]	55706
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	55050
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	55706
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1]	6567 8910
PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2]	50564
Rte_Inst_Sa_CDDInterface	tgt_Rte_Inst_Sa_CDDInterface
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	846061
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	145956
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	645963

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Name	Input Value		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr1_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr1_Volts	_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr2_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr2_Volts	_f32	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32$	tgt_CDDInterface_Per1_CorrMtrCurrPosition	_Rev_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPosFloat_Re			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CumMechMtrPos_Rev_f32	tgt_CDDInterface_Per1_CumMechMtrPos_R	-	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxError_Cnt_u16 tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_	tgt_CDDInterface_Per1_Die1RxError_Cnt_u′ target_CDDInterface_Per1_Die1UnderVoltgF		
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 Die1RxMtrPos Cnt u16	tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxRevCtr_Cnt_u16	tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxError_Cnt_u16	tgt_CDDInterface_Per1_Die2RxError_Cnt_u		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxMtrPos_Cnt_u16	tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_	u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxRevCtr_Cnt_u16	tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_	<u>u</u> 16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeA_	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeB_	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeC_	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_LRPRPhaseadvanceCaptured_ tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32	tgt_CDDInterface_Per1_LRPRPhaseadvance tgt_CDDInterface_Per1_MeasuredOnTimeA_		
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 MeasuredOnTimeB Cnt u32	tgt CDDInterface Per1 MeasuredOnTimeB	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32	tgt CDDInterface Per1 MeasuredOnTimeC	-	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MechMtrPos1TimeStamp_USe		_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MechMtrPos2TimeStamp_USe	tgt_CDDInterface_Per1_MechMtrPos2TimeS	tamp_USec_u32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ModIdxFinal_Uls_f32	tgt_CDDInterface_Per1_ModIdxFinal_Uls_f3:	2	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrDax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrDax_Amp_f3	2	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK1_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK2_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32	tgt_CDDInterface_Per1_MtrCurrQaxFinalRef		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrQax_Amp_f3		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_ut			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCVSwitchADC_Cnt_u16 tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCorrectedElecMtrPos_Rev	tgt_CDDInterface_Per1_SysCVSwitchADC_0 tgt_CDDInterface_Per1_SysCorrectedElecMi	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_UncorrMechMtrPos1_Rev_u0p	tgt_CDDInterface_Per1_UncorrMechMtrPos1		
Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	0	0	~
PXAccumPrev_Cnt_M_u32[0]	105757	105757	~
PXAccumPrev_Cnt_M_u32[1]	18244	18244	~
PXAccumPrev_Cnt_M_u32[2]	80745	80745	~
target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	176	176	~
tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value	2.01579762	2.01579762 ± 0.0625	~
tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value	2.01579762	2.01579762 ± 0.0625	•
tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value	3974.28711 0.839996338	3974.28711 0.839996338	V
tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value	55050	0.039990330	
tgt CDDInterface Per1 CumMechMtrPos Rev f32.value		55050	✓
		55050 0.0074005127 ± 0.0625	~
	0.00738525391	0.0074005127 ± 0.0625	*
tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value			\rightarrow \frac{1}{2}
tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value	0.00738525391 6966	0.0074005127 ± 0.0625 6966	· · · · · · · · · · · · · · · · · · ·
tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value	0.00738525391 6966 200	0.0074005127 ± 0.0625 6966 200	***
tgl_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value	0.00738525391 6966 200 4348	0.0074005127 ± 0.0625 6966 200 4348	\(\frac{1}{2}\)
tgl_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value	0.00738525391 6966 200 4348 4535 192	0.0074005127 ± 0.0625 6966 200 4348 4535 192 4161	· · ·
tgl_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgl_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgl_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgl_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgl_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgl_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgl_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgl_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgl_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value	0.00738525391 6966 200 4348 4535 192 4161 1917	0.0074005127 ± 0.0625 6966 200 4348 4535 192 4161 1917	***
tgl_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgl_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgl_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgl_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgl_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgl_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgl_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgl_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgl_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgl_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value	0.00738525391 6966 200 4348 4535 192 4161 1917	0.0074005127 ± 0.0625 6966 200 4348 4535 192 4161 1917 648	· · · · · · · · · · · · · · · · · · ·
tgl_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgl_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgl_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgl_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgl_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgl_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgl_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgl_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgl_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgl_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value	0.00738525391 6966 200 4348 4535 192 4161 1917 648 7153	0.0074005127 ± 0.0625 6966 200 4348 4535 192 4161 1917 648 7153	· · · · · · · · · · · · · · · · · · ·
tgl_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgl_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgl_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgl_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgl_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgl_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgl_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgl_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgl_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgl_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgl_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgl_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value	0.00738525391 6966 200 4348 4535 192 4161 1917 648 7153	0.0074005127 ± 0.0625 6966 200 4348 4535 192 4161 1917 648 7153	· · · · · · · · · · · · · · · · · · ·
tgl_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgl_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgl_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgl_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgl_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgl_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgl_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgl_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgl_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgl_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgl_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgl_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value tgl_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value	0.00738525391 6966 200 4348 4535 192 4161 1917 648 7153 14	0.0074005127 ± 0.0625 6966 200 4348 4535 192 4161 1917 648 7153 14	· · · · · · · · · · · · · · · · · · ·
tgl_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgl_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgl_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgl_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgl_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgl_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgl_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgl_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgl_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgl_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgl_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgl_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value tgl_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgl_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value	0.00738525391 6966 200 4348 4535 192 4161 1917 648 7153	0.0074005127 ± 0.0625 6966 200 4348 4535 192 4161 1917 648 7153	***************************************
tgl_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgl_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgl_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgl_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgl_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgl_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgl_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgl_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgl_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgl_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgl_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgl_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value tgl_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value	0.00738525391 6966 200 4348 4535 192 4161 1917 648 7153 14 99190	0.0074005127 ± 0.0625 6966 200 4348 4535 192 4161 1917 648 7153 14 99190	· · · · · · · · · · · · · · · · · · ·
tgl_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgl_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgl_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgl_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgl_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgl_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgl_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgl_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgl_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgl_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgl_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgl_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value tgl_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgl_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgl_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgl_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value	0.00738525391 6966 200 4348 4535 192 4161 1917 648 7153 14 99190 9334 30181	0.0074005127 ± 0.0625 6966 200 4348 4535 192 4161 1917 648 7153 14 99190 9334 30181	· · · · · · · · · · · · · · · · · · ·
tgl_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgl_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgl_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgl_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgl_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgl_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgl_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgl_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgl_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgl_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgl_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgl_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value tgl_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgl_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgl_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgl_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgl_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value	0.00738525391 6966 200 4348 4535 192 4161 1917 648 7153 14 99190 9334 30181	0.0074005127 ± 0.0625 6966 200 4348 4535 192 4161 1917 648 7153 14 99190 9334 30181	***************************************
tgl_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgl_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgl_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgl_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgl_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgl_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgl_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgl_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgl_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgl_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgl_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgl_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value tgl_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgl_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgl_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgl_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgl_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgl_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value	0.00738525391 6966 200 4348 4535 192 4161 1917 648 7153 14 99190 9334 30181 156 424 0.246688843 203.834	0.0074005127 ± 0.0625 6966 200 4348 4535 192 4161 1917 648 7153 14 99190 9334 30181 156 424 0.246704102 ± 0.0625 203.834	***************************************
tgl_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_ExPRPhaseadvanceCaptured_Cnt_s16.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_ModldxFinal_Uls_f32.value tgt_CDDInterface_Per1_ModldxFinal_Uls_f32.value tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32.value	0.00738525391 6966 200 4348 4535 192 4161 1917 648 7153 14 99190 9334 30181 156 424 0.246688843 203.834 90.5599976	0.0074005127 ± 0.0625 6966 200 4348 4535 192 4161 1917 648 7153 14 99190 9334 30181 156 424 0.246704102 ± 0.0625 203.834 90.5599976	***************************************
tgl_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_ModldxFinal_UIs_f32.value tgt_CDDInterface_Per1_ModldxFinal_UIs_f32.value tgt_CDDInterface_Per1_MtrCurrR1_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrR2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrR2_Amp_f32.value	0.00738525391 6966 200 4348 4535 192 4161 1917 648 7153 14 99190 9334 30181 156 424 0.246688843 203.834 90.5599976 60	0.0074005127 ± 0.0625 6966 200 4348 4535 192 4161 1917 648 7153 14 99190 9334 30181 156 424 0.246704102 ± 0.0625 203.834 90.5599976 60	***************************************
tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_ModIdxFinal_Uls_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrR1_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrR2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrR2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrR2_Amp_f32.value	0.00738525391 6966 200 4348 4535 192 4161 1917 648 7153 14 99190 9334 30181 156 424 0.246688843 203.834 90.5599976 60 35.8899994	0.0074005127 ± 0.0625 6966 200 4348 4535 192 4161 1917 648 7153 14 99190 9334 30181 156 424 0.246704102 ± 0.0625 203.834 90.5599976 60 35.8899994	***************************************
tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrCax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value	0.00738525391 6966 200 4348 4535 192 4161 1917 648 7153 14 99190 9334 30181 156 424 0.246688843 203.834 90.5599976 60 35.8899994 -190.276993	0.0074005127 ± 0.0625 6966 200 4348 4535 192 4161 1917 648 7153 14 99190 9334 30181 156 424 0.246704102 ± 0.0625 203.834 90.5599976 60 35.8899994 -190.276993	***************************************
tgl_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MethMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrCax_FinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_FinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value	0.00738525391 6966 200 4348 4535 192 4161 1917 648 7153 14 99190 9334 30181 156 424 0.246688843 203.834 90.5599976 60 35.8899994 -190.276993 184	0.0074005127 ± 0.0625 6966 200 4348 4535 192 4161 1917 648 7153 14 99190 9334 30181 156 424 0.246704102 ± 0.0625 203.834 90.5599976 60 35.8899994 -190.276993 184	***************************************
tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_McdldxFinal_UIs_f32.value tgt_CDDInterface_Per1_McdldxFinal_UIs_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrCax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_FinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_FinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value	0.00738525391 6966 200 4348 4535 192 4161 1917 648 7153 14 99190 9334 30181 156 424 0.246688843 203.834 90.5599976 60 35.8899994 -190.276993 184 6592	0.0074005127 ± 0.0625 6966 200 4348 4535 192 4161 1917 648 7153 14 99190 9334 30181 156 424 0.246704102 ± 0.0625 203.834 90.5599976 60 35.8899994 -190.276993 184 6592	***************************************
tgl_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MethMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrCax_FinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_FinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value	0.00738525391 6966 200 4348 4535 192 4161 1917 648 7153 14 99190 9334 30181 156 424 0.246688843 203.834 90.5599976 60 35.8899994 -190.276993 184	0.0074005127 ± 0.0625 6966 200 4348 4535 192 4161 1917 648 7153 14 99190 9334 30181 156 424 0.246704102 ± 0.0625 203.834 90.5599976 60 35.8899994 -190.276993 184	***************************************





Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
CDDPorts_ClearPhsReasSum	1	CDDPorts_ClearPhsReasSum	1	~

Test Step 2.86 (Repeat Count = 1)	→
Name	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16	1
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	3083.13989
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	4161.27979
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	55050
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	55706
CDD_CumMechMtrPos_Rev_G_s15p16[0]	-4915
CDD_CumMechMtrPos_Rev_G_s15p16[1]	-4980
CDD_Die1RxError_Cnt_G_u16[0]	190
CDD_Die1RxError_Cnt_G_u16[1]	192 3083
CDD_Die1RxMtrPos_Cnt_G_u16[0] CDD_Die1RxMtrPos_Cnt_G_u16[1]	4161
CDD_Die1RxRevCtr_Cnt_G_u16[0]	3325
CDD_Die1RxRevCtr_Cnt_G_u16[1]	4535
CDD_Die2RxError_Cnt_G_u16[0]	0
CDD_Die2RxError_Cnt_G_u16[1]	0
CDD_Die2RxMtrPos_Cnt_G_u16[0]	198
CDD_Die2RxMtrPos_Cnt_G_u16[1]	200
CDD_Die2RxRevCtr_Cnt_G_u16[0]	3204
CDD_Die2RxRevCtr_Cnt_G_u16[1]	4348
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	2357
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	3039
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0]	238
CDD_MechMtrPos2TimeStamp_uSec_G_u32[1]	480
CDD_ModIdxFinal_Uls_G_u16p16[0]	20532 20538
CDD_ModldxFinal_Uls_G_u16p16[1] CDD MtrCurr1 Volts G f32[0]	1.01605237
CDD_MtrCurr1_Volts_G_f32[1]	2.01605248
CDD_MtrCurr2_Volts_G_f32[0]	1.01605237
CDD_MtrCurr2_Volts_G_f32[1]	2.01605248
CDD_MtrCurrDax_Amp_G_f32[0]	141.156998
CDD_MtrCurrDax_Amp_G_f32[1]	151.380005
CDD_MtrCurrK1_Amps_G_f32[0]	72.5
CDD_MtrCurrK1_Amps_G_f32[1]	93.2900009
CDD_MtrCurrK2_Amps_G_f32[0]	55.7999992
CDD_MtrCurrK2_Amps_G_f32[1]	65.9000015
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	40.4700012
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	56.4199982
CDD_MtrCurrQax_Amp_G_f32[0]	214.837006
CDD_MtrCurrQax_Amp_G_f32[1]	215.839996
CDD_PWMDutyCycleASum_Cnt_G_u32[0] CDD_PWMDutyCycleASum_Cnt_G_u32[1]	1752 2104
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	270
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	704
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	5140
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	7340
CDD_PhaseAdvFinal_Cnt_G_u16[0]	150
CDD_PhaseAdvFinal_Cnt_G_u16[1]	159
CDD_RxMtrPos1ParityAccum_Cnt_G_u16[0]	190
CDD_RxMtrPos1ParityAccum_Cnt_G_u16[1]	192
CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[0]	182
CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[1]	184
CDD_SysCVSwitchADC_Cnt_G_u16[0]	4777
CDD_SysCVSwitchADC_Cnt_G_u16[1]	6779
CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[0]	55706
CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[1]	56361
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	55706
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	56361
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1]	7688 9097
PXAccumPrev_Cnt_M_u32[2]	51789
Rte_Inst_Sa_CDDInterface	tgt_Rte_Inst_Sa_CDDInterface
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	545942
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	645963
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	145970

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Name	Input Value		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr1_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr1_Volts	_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr2_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr2_Volts	_f32	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32$	tgt_CDDInterface_Per1_CorrMtrCurrPosition	_Rev_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPosFloat_Re			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CumMechMtrPos_Rev_f32	tgt_CDDInterface_Per1_CumMechMtrPos_F	-	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxError_Cnt_u16 tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_	tgt_CDDInterface_Per1_Die1RxError_Cnt_u target_CDDInterface_Per1_Die1UnderVoltgf		
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 Die1RxMtrPos Cnt u16	tgt CDDInterface Per1 Die1RxMtrPos Cnt		
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 Die1RxRevCtr Cnt u16	tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxError_Cnt_u16	tgt_CDDInterface_Per1_Die2RxError_Cnt_u		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxMtrPos_Cnt_u16	tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_	_u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxRevCtr_Cnt_u16	tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_	_u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeA_	Cnt_u32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeB_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeC_	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_LRPRPhaseadvanceCaptured_			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32 tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeA tgt_CDDInterface_Per1_MeasuredOnTimeB	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeC		
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 MechMtrPos1TimeStamp USe			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MechMtrPos2TimeStamp_USe			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ModIdxFinal_Uls_f32	tgt_CDDInterface_Per1_ModIdxFinal_Uls_f3		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrDax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrDax_Amp_f:		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK1_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32	2	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK2_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK2_Amp_f33	2	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrQax_Amp_f		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCVSwitchADC_Cnt_u16	tgt_CDDInterface_Per1_SysCVSwitchADC_	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCorrectedElecMtrPos_Rev_ tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_UncorrMechMtrPos1_Rev_u0p			
Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	0	0	rtosuit 🗸
PXAccumPrev Cnt M u32[0]	68242	68242	~
PXAccumPrev_Cnt_M_u32[1]	80745	80745	~
PXAccumPrev_Cnt_M_u32[2]	18246	18246	~
target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	184	184	~
tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value	2.01605248	2.01605248 ± 0.0625	~
tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value	2.01605248	2.01605248 ± 0.0625	~
tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value	4161.27979	4161.27979	V
tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value	0.850006104 55706	0.850006104 55706	-
tqt CDDInterface Per1 CumMechMtrPos Rev f32.value	-0.0759887695	-0.0760040283 ± 0.0625	
tgt CDDInterface Per1 Die1RxError Cnt u16.value	192	192	*
tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value	4161	4161	~
tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value	4535	4535	•
tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value	0	0	•
tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value	200	200	~
tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value	4348	4348	~
tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value	2104	2104	~
tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value	704	704	~
tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value	7340 14	7340 14	~
tgt_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value	60554	60554	~
tgt CDDInterface Per1 MeasuredOnTimeB Cnt u32.value	71648	71648	
tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value	536837369	536837369	✓
tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value	3039	3039	~
tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value	480	480	•
tgt_CDDInterface_Per1_ModIdxFinal_Uls_f32.value	0.31338501	0.313400269 ± 0.0625	~
tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value	151.380005	151.380005	~
tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32.value	93.2900009	93.2900009	~
tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value	65.9000015	65.9000015	~
tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value			✓
tot ("Illightortogo Bord Mtrf JurrOoy Amp f22 value	56.4199982	56.4199982	-
tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value	56.4199982 215.839996	215.839996	~
tgt_CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u16.value	56.4199982 215.839996 192	215.839996 192	*
tgt_CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u16.value tgt_CDDInterface_Per1_SysCVSwitchADC_Cnt_u16.value	56.4199982 215.839996 192 6779	215.839996 192 6779	~
tgt_CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u16.value	56.4199982 215.839996 192	215.839996 192	*





Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
CDDPorts_ClearPhsReasSum	1	CDDPorts_ClearPhsReasSum	1	~

Test Step 2.87 (Repeat Count = 1)	v v
Name	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16	0
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	3204.25806
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	4348.25781
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	55706
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	56360
CDD_CumMechMtrPos_Rev_G_s15p16[0]	0
CDD_CumMechMtrPos_Rev_G_s15p16[1]	878
CDD_Die1RxError_Cnt_G_u16[0]	198
CDD_Die1RxError_Cnt_G_u16[1]	200 3204
CDD_Die1RxMtrPos_Cnt_G_u16[0] CDD_Die1RxMtrPos_Cnt_G_u16[1]	4348
CDD_Die1RxRevCtr_Cnt_G_u16[0]	2357
CDD_Die1RxRevCtr_Cnt_G_u16[1]	3039
CDD_Die2RxError_Cnt_G_u16[0]	65535
CDD_Die2RxError_Cnt_G_u16[1]	65535
CDD_Die2RxMtrPos_Cnt_G_u16[0]	3083
CDD_Die2RxMtrPos_Cnt_G_u16[1]	4161
CDD_Die2RxRevCtr_Cnt_G_u16[0]	3325
CDD_Die2RxRevCtr_Cnt_G_u16[1]	4535
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	142
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	158
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0]	2962
CDD_MechMtrPos2TimeStamp_uSec_G_u32[1]	3974
CDD_ModIdxFinal_Uls_G_u16p16[0]	27007 27013
CDD_ModldxFinal_Uls_G_u16p16[1] CDD MtrCurr1 Volts G f32[0]	2.01630712
CDD_MtrCurr1_Volts_G_f32[1]	1.01630723
CDD_MtrCurr2_Volts_G_f32[0]	2.01630712
CDD_MtrCurr2_Volts_G_f32[1]	1.01630723
CDD_MtrCurrDax_Amp_G_f32[0]	100.264999
CDD_MtrCurrDax_Amp_G_f32[1]	110.487999
CDD_MtrCurrK1_Amps_G_f32[0]	74.1699982
CDD_MtrCurrK1_Amps_G_f32[1]	96.0390015
CDD_MtrCurrK2_Amps_G_f32[0]	-68.6399994
CDD_MtrCurrK2_Amps_G_f32[1]	-57.4700012
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	55.5800018
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	76.9499969
CDD_MtrCurrQax_Amp_G_f32[0]	10.25
CDD_MtrCurrQax_Amp_G_f32[1]	15.3599997
CDD_PWMDutyCycleASum_Cnt_G_u32[0]	1873 2291
CDD_PWMDutyCycleASum_Cnt_G_u32[1] CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	278
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	760
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	5261
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	7527
CDD_PhaseAdvFinal_Cnt_G_u16[0]	158
CDD_PhaseAdvFinal_Cnt_G_u16[1]	160
CDD_RxMtrPos1ParityAccum_Cnt_G_u16[0]	198
CDD_RxMtrPos1ParityAccum_Cnt_G_u16[1]	200
CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[0]	190
CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[1]	192
CDD_SysCVSwitchADC_Cnt_G_u16[0]	4898
CDD_SysCVSwitchADC_Cnt_G_u16[1]	6966
CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[0]	0
CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[1]	57016
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	0
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	57016
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1]	4656 6592
PXAccumPrev_Cnt_M_u32[2]	53014
Rte_Inst_Sa_CDDInterface	tgt_Rte_Inst_Sa_CDDInterface
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	145949
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	145970
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	145977

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Name	Input Value		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr1_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr1_Volts	_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr2_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr2_Volts		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32	tgt_CDDInterface_Per1_CorrMtrCurrPosition		
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPosFloat_Revenue and the content of the conten$	tgt_CDDInterface_Per1_CorrectedElecMtrPo	osFloat_Rev_f32	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0properties and the properties of the properti$	tgt_CDDInterface_Per1_CorrectedElecMtrPo	os_Rev_u0p16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CumMechMtrPos_Rev_f32	tgt_CDDInterface_Per1_CumMechMtrPos_R	Rev_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxError_Cnt_u16	tgt_CDDInterface_Per1_Die1RxError_Cnt_u		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_	target_CDDInterface_Per1_Die1UnderVoltgF		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxMtrPos_Cnt_u16	tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxRevCtr_Cnt_u16	tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxError_Cnt_u16	tgt_CDDInterface_Per1_Die2RxError_Cnt_u		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxMtrPos_Cnt_u16 tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxRevCtr_Cnt_u16	tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_ tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt		
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 ExpectedOnTimeA Cnt u32	tgt_CDDInterface_Per1_ExpectedOnTimeA_	-	
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 ExpectedOnTimeB Cnt u32	tgt_CDDInterface_Per1_ExpectedOnTimeB_		
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 ExpectedOnTimeC Cnt u32	tgt CDDInterface Per1 ExpectedOnTimeC		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_LRPRPhaseadvanceCaptured_	tgt_CDDInterface_Per1_LRPRPhaseadvance	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeA_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeB	_Cnt_u32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeC		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MechMtrPos1TimeStamp_USer	tgt_CDDInterface_Per1_MechMtrPos1TimeS	Stamp_USec_u32	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MechMtrPos2TimeStamp_USerset = 0.0000000000000000000000000000000000$	tgt_CDDInterface_Per1_MechMtrPos2TimeS	Stamp_USec_u32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ModIdxFinal_Uls_f32	tgt_CDDInterface_Per1_ModIdxFinal_Uls_f3.	2	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrDax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrDax_Amp_f3		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK1_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK2_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32	tgt_CDDInterface_Per1_MtrCurrQaxFinalRef		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrQax_Amp_f3		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u	tgt_CDDInterface_Per1_RxMtrPos1ParityAcc		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCVSwitchADC_Cnt_u16	tgt_CDDInterface_Per1_SysCVSwitchADC_0	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCorrectedElecMtrPos_Rev_	tgt_CDDInterface_Per1_SysCorrectedElecM		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_UncorrMechMtrPos1_Rev_u0p	tgt_CDDInterface_Per1_UncorrMechMtrPos1		Decode
Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	1	1	
PXAccumPrev_Cnt_M_u32[0]	18243 18246	18243 18246	J
PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2]	18247	18247	
target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	190	190	
tgt CDDInterface Per1 ADCMtrCurr1 Volts f32.value	2.01630712	2.01630712 ± 0.0625	
tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value	2.01630712	2.01630712 ± 0.0625	
tgt CDDInterface Per1 CorrMtrCurrPosition Rev f32.value	3204.25806	3204.25806	•
tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value	0.850006104	0.850006104	
tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value	55706	55706	•
tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value	0	0 ± 0.0625	-
tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value	198	198	•
tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value	3204	3204	•
tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value	2357	2357	•
tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value	65535	65535	•
tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value	3083	3083	•
tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value	3325	3325	•
tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value	1873	1873	•
tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value	278	278	_
tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value	5261	5261	
tgt_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value	14	13587	•
tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value	13587 11654	13587 11654	Ĭ
tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value	536836145	536836145	
tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_usz.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value	142	142	
tgt CDDInterface Per1 MechMtrPos2TimeStamp_USec_u32.value	2962	2962	
tgt_CDDInterface_Per1_ModIdxFinal_Uls_f32.value	0.412094116	0.412094116 ± 0.0625	
<u> </u>	100.264999	100.264999	•
tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value			•
tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32.value	74.1699982	74.1699982	
		74.1699982 -68.6399994	•
tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32.value	74.1699982		
tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value	74.1699982 -68.6399994	-68.6399994	•
tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value	74.1699982 -68.6399994 55.5800018	-68.6399994 55.5800018	•
tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value	74.1699982 -68.6399994 55.5800018 10.25	-68.6399994 55.5800018 10.25	•
tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u16.value	74.1699982 -68.6399994 55.5800018 10.25	-68.6399994 55.5800018 10.25 198	•





Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
CDDPorts_ClearPhsReasSum	1	CDDPorts_ClearPhsReasSum	1	~

Test Step 2.88 (Repeat Count = 1)	
Name	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16	1
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	3325.25806
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	4535.27979
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	0
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	57016
CDD_CumMechMtrPos_Rev_G_s15p16[0]	-884
CDD_CumMechMtrPos_Rev_G_s15p16[1]	-891
CDD_Die1RxError_Cnt_G_u16[0] CDD_Die1RxError_Cnt_G_u16[1]	3083 4161
CDD_Die1RxMtrPos_Cnt_G_u16[0]	3325
CDD_Die1RxMtrPos_Cnt_G_u16[1]	4535
CDD_Die1RxRevCtr_Cnt_G_u16[0]	142
CDD_Die1RxRevCtr_Cnt_G_u16[1]	158
CDD_Die2RxError_Cnt_G_u16[0]	5261
CDD_Die2RxError_Cnt_G_u16[1]	7527
CDD_Die2RxMtrPos_Cnt_G_u16[0]	3204
CDD_Die2RxMtrPos_Cnt_G_u16[1]	4348
CDD_Die2RxRevCtr_Cnt_G_u16[0]	3688
CDD_Die2RxRevCtr_Cnt_G_u16[1] CDD_ModbMtrDoo1TimeStamp_uSec_C_u23[0]	5096
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0] CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	150 159
CDD MechMtrPos2TimeStamp uSec G u32[0]	3083
CDD_MechMtrPos2TimeStamp_uSec_G_u32[1]	4161
CDD_ModIdxFinal_Uls_G_u16p16[0]	34347
CDD_ModIdxFinal_Uls_G_u16p16[1]	34353
CDD_MtrCurr1_Volts_G_f32[0]	2.01656199
CDD_MtrCurr1_Volts_G_f32[1]	1.01656199
CDD_MtrCurr2_Volts_G_f32[0]	1.01656199
CDD_MtrCurr2_Volts_G_f32[1]	2.01656199
CDD_MtrCurrDax_Amp_G_f32[0]	-134.268005
CDD_MtrCurrDax_Amp_G_f32[1]	-123.785004
CDD_MtrCurrK1_Amps_G_f32[0] CDD_MtrCurrK1_Amps_G_f32[1]	-74 -64
CDD_MtrCurrK2_Amps_G_f32[0]	59.1399994
CDD_MtrCurrK2_Amps_G_f32[1]	71.3799973
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	-97.4800034
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	-70.6900024
CDD_MtrCurrQax_Amp_G_f32[0]	25.3600006
CDD_MtrCurrQax_Amp_G_f32[1]	35.8899994
CDD_PWMDutyCycleASum_Cnt_G_u32[0]	1994
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	2478
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	286
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	816
CDD_PWMDutyCycleCSum_Cnt_G_u32[0] CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	5382 7714
CDD_PhaseAdvFinal_Cnt_G_u16[0]	166
CDD_PhaseAdvFinal_Cnt_G_u16[1]	168
CDD_RxMtrPos1ParityAccum_Cnt_G_u16[0]	3083
CDD_RxMtrPos1ParityAccum_Cnt_G_u16[1]	4161
CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[0]	198
CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[1]	200
CDD_SysCVSwitchADC_Cnt_G_u16[0]	5019
CDD_SysCVSwitchADC_Cnt_G_u16[1]	7153
CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[0]	57016
CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[1]	57672
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0] CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	57016 57672
PXAccumPrev_Cnt_M_u32[0]	4777
PXAccumPrev_Cnt_M_u32[1]	6779
PXAccumPrev_Cnt_M_u32[2]	54239
Rte_Inst_Sa_CDDInterface	tgt_Rte_Inst_Sa_CDDInterface
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	145956
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	145977

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CDDInterface_Per1



Name	Input Value		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr1_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr1_Volts	_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr2_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr2_Volts	_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32	tgt_CDDInterface_Per1_CorrMtrCurrPosition	_Rev_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p		:	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CumMechMtrPos_Rev_f32	tgt_CDDInterface_Per1_CumMechMtrPos_R	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxError_Cnt_u16 tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_	tgt_CDDInterface_Per1_Die1RxError_Cnt_u′ target_CDDInterface_Per1_Die1UnderVoltgF		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxMtrPos_Cnt_u16	tgt CDDInterface Per1 Die1RxMtrPos Cnt		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxRevCtr_Cnt_u16	tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxError_Cnt_u16	tgt_CDDInterface_Per1_Die2RxError_Cnt_u	16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxMtrPos_Cnt_u16	tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_	u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxRevCtr_Cnt_u16	tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_	<u>u</u> 16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeA_	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeB_	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeC_	-	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_LRPRPhaseadvanceCaptured_ tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32	tgt_CDDInterface_Per1_LRPRPhaseadvance tgt_CDDInterface_Per1_MeasuredOnTimeA_		
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 MeasuredOnTimeB Cnt u32	tgt_CDDInterface_Per1_MeasuredOnTimeB_	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeC_		
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 MechMtrPos1TimeStamp USe		_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MechMtrPos2TimeStamp_USe	tgt_CDDInterface_Per1_MechMtrPos2TimeS	tamp_USec_u32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ModIdxFinal_Uls_f32	tgt_CDDInterface_Per1_ModIdxFinal_Uls_f3:	2	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrDax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrDax_Amp_f3	32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK1_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32	2	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK2_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32	2	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32	tgt_CDDInterface_Per1_MtrCurrQaxFinalRef		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrQax_Amp_f3		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCVSwitchADC_Cnt_u16 tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCorrectedElecMtrPos_Rev_	tgt_CDDInterface_Per1_SysCVSwitchADC_0 tgt_CDDInterface_Per1_SysCorrectedElecMi	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_UncorrMechMtrPos1_Rev_u0p	tgt_CDDInterface_Per1_UncorrMechMtrPos1		
Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	0	0	/ v
PXAccumPrev Cnt M u32[0]	18244	18244	✓
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1]	18244 18247	18244	7
PXAccumPrev_Cnt_M_u32[1]	18247	18247	~
PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2]	18247 105748	18247 105748	~
PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value	18247 105748 200 1.01656199 2.01656199	18247 105748 200 1.01656199 ± 0.0625 2.01656199 ± 0.0625	· · · · · · · · · · · · · · · · · · ·
PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurrPosition_Rev_f32.value	18247 105748 200 1.01656199 2.01656199 4535.27979	18247 105748 200 1.01656199 ± 0.0625 2.01656199 ± 0.0625 4535.27979	*
PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value	18247 105748 200 1.01656199 2.01656199 4535.27979 0.869995117	18247 105748 200 1.01656199 ± 0.0625 2.01656199 ± 0.0625 4535.27979 0.869995117	· · · · · · · · · · · · · · · · · · ·
PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value	18247 105748 200 1.01656199 2.01656199 4535.27979 0.869995117 57016	18247 105748 200 1.01656199 ± 0.0625 2.01656199 ± 0.0625 4535.27979 0.869995117 57016	*
PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CurrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value	18247 105748 200 1.01656199 2.01656199 4535.27979 0.869995117 57016 -0.0135955811	18247 105748 200 1.01656199 ± 0.0625 2.01656199 ± 0.0625 4535.27979 0.869995117 57016 -0.0135955811 ± 0.0625	· · · · · · · · · · · · · · · · · · ·
PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value	18247 105748 200 1.01656199 2.01656199 4535.27979 0.869995117 57016 -0.0135955811 4161	18247 105748 200 1.01656199 ± 0.0625 2.01656199 ± 0.0625 4535.27979 0.869995117 57016 -0.0135955811 ± 0.0625 4161	· · · · · · · · · · · · · · · · · · ·
PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value	18247 105748 200 1.01656199 2.01656199 4535.27979 0.869995117 57016 -0.0135955811	18247 105748 200 1.01656199 ± 0.0625 2.01656199 ± 0.0625 4535.27979 0.869995117 57016 -0.0135955811 ± 0.0625	· · · · · · · · · · · · · · · · · · ·
PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value	18247 105748 200 1.01656199 2.01656199 4535.27979 0.869995117 57016 -0.0135955811 4161	18247 105748 200 1.01656199 ± 0.0625 2.01656199 ± 0.0625 4535.27979 0.869995117 57016 -0.0135955811 ± 0.0625 4161 4535	· · · · · · · · · · · · · · · · · · ·
PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value	18247 105748 200 1.01656199 2.01656199 4535.27979 0.869995117 57016 -0.0135955811 4161 4535	18247 105748 200 1.01656199 ± 0.0625 2.01656199 ± 0.0625 4535.27979 0.869995117 57016 -0.0135955811 ± 0.0625 4161 4535 158	· · · · · · · · · · · · · · · · · · ·
PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value	18247 105748 200 1.01656199 2.01656199 4535.27979 0.869995117 57016 -0.0135955811 4161 4535 158	18247 105748 200 1.01656199 ± 0.0625 2.01656199 ± 0.0625 4535.27979 0.869995117 57016 -0.0135955811 ± 0.0625 4161 4535 158 7527	***************************************
PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value	18247 105748 200 1.01656199 2.01656199 4535.27979 0.869995117 57016 -0.0135955811 4161 4535 158 7527	18247 105748 200 1.01656199 ± 0.0625 2.01656199 ± 0.0625 4535.27979 0.869995117 57016 -0.0135955811 ± 0.0625 4161 4535 158 7527 4348	***************************************
PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value	18247 105748 200 1.01656199 2.01656199 4535.27979 0.869995117 57016 -0.0135955811 4161 4535 158 7527 4348 5096 2478	18247 105748 200 1.01656199 ± 0.0625 2.01656199 ± 0.0625 4535.27979 0.869995117 57016 -0.0135955811 ± 0.0625 4161 4535 158 7527 4348 5096 2478 816	***************************************
PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value	18247 105748 200 1.01656199 2.01656199 4535.27979 0.869995117 57016 -0.0135955811 4161 4535 158 7527 4348 5096 2478 816 7714	18247 105748 200 1.01656199 ± 0.0625 2.01656199 ± 0.0625 4535.27979 0.869995117 57016 -0.0135955811 ± 0.0625 4161 4535 158 7527 4348 5096 2478 816 7714	***************************************
PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_u0p16.value tgt_CDDInterface_Per1_CurmMechMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value	18247 105748 200 1.01656199 2.01656199 4535.27979 0.869995117 57016 -0.0135955811 4161 4535 158 7527 4348 5096 2478 816 7714 15	18247 105748 200 1.01656199 ± 0.0625 2.01656199 ± 0.0625 4535.27979 0.869995117 57016 -0.0135955811 ± 0.0625 4161 4535 158 7527 4348 5096 2478 816 7714	***************************************
PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_d12.value tgt_CDDInterface_Per1_CurmMechMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value	18247 105748 200 1.01656199 2.01656199 4535.27979 0.869995117 57016 -0.0135955811 4161 4535 158 7527 4348 5096 2478 816 7714 15 13467	18247 105748 200 1.01656199 ± 0.0625 2.01656199 ± 0.0625 4535.27979 0.869995117 57016 -0.0135955811 ± 0.0625 4161 4535 158 7527 4348 5096 2478 816 7714 15 13467	***************************************
PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_g32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value	18247 105748 200 1.01656199 2.01656199 4535.27979 0.869995117 57016 -0.0135955811 4161 4535 158 7527 4348 5096 2478 816 7714 15 13467 11468	18247 105748 200 1.01656199 ± 0.0625 2.01656199 ± 0.0625 4535.27979 0.869995117 57016 -0.0135955811 ± 0.0625 4161 4535 158 7527 4348 5096 2478 816 7714 15 13467	***************************************
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PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MtrCurrR2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrR2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrR2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_FinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_FinalRef_Amp_f32.value	18247 105748 200 1.01656199 2.01656199 4535.27979 0.869995117 57016 -0.0135955811 4161 4535 158 7527 4348 5096 2478 816 7714 15 13467 11468 51509 159 4161 0.524185181 -123.785004 -64 71.3799973 -70.6900024 35.8899994	18247 105748 200 1.01656199 ± 0.0625 2.01656199 ± 0.0625 4535.27979 0.869995117 57016 -0.0135955811 ± 0.0625 4161 4535 158 7527 4348 5096 2478 816 7714 15 13467 11468 51509 159 4161 0.524200439 ± 0.0625 -123.785004 -64 71.3799973 -70.6900024 35.8899994	
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PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxErvCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeS_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeS_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_FinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_FinalRef_Amp_f32.value	18247 105748 200 1.01656199 2.01656199 4535.27979 0.869995117 57016 -0.0135955811 4161 4535 158 7527 4348 5096 2478 816 7714 15 13467 11468 51509 159 4161 0.524185181 -123.785004 -64 71.3799973 -70.6900024 35.8899994 4161	18247 105748 200 1.01656199 ± 0.0625 2.01656199 ± 0.0625 4535.27979 0.869995117 57016 -0.0135955811 ± 0.0625 4161 4535 158 7527 4348 5096 2478 816 7714 15 13467 11468 51509 159 4161 0.524200439 ± 0.0625 -123.785004 -64 71.3799973 -70.6900024 35.8899994 4161	

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Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
CDDPorts_ClearPhsReasSum	1	CDDPorts_ClearPhsReasSum	1	~

Test Step 2.89 (Repeat Count = 1)	✓
Name	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16	1
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	4530.25
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	5471.25
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	57016
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	57672
CDD_CumMechMtrPos_Rev_G_s15p16[0]	0
CDD_CumMechMtrPos_Rev_G_s15p16[1]	904
CDD_Die1RxError_Cnt_G_u16[0]	3204
CDD_Die1RxError_Cnt_G_u16[1] CDD_Die1RxMtrPos_Cnt_G_u16[0]	4348 3930
CDD_Die1RxMtrPos_Cnt_G_u16[1]	5470
CDD_Die1RxRevCtr_Cnt_G_u16[0]	0
CDD_Die1RxRevCtr_Cnt_G_u16[1]	0
CDD_Die2RxError_Cnt_G_u16[0]	190
CDD_Die2RxError_Cnt_G_u16[1]	192
CDD_Die2RxMtrPos_Cnt_G_u16[0]	3325
CDD_Die2RxMtrPos_Cnt_G_u16[1]	4535
CDD_Die2RxRevCtr_Cnt_G_u16[0]	3809
CDD_Die2RxRevCtr_Cnt_G_u16[1]	5283
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	158
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	160
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0]	3204
CDD_MechMtrPos2TimeStamp_uSec_G_u32[1] CDD_ModIdxFinal_UIs_G_u16p16[0]	4348 10885
CDD_ModIdxFinal_Uls_G_u16p16[1]	10892
CDD MtrCurr1 Volts G f32[0]	2.01681685
CDD MtrCurr1 Volts G f32[1]	4.01681662
CDD_MtrCurr2_Volts_G_f32[0]	2.01681685
CDD_MtrCurr2_Volts_G_f32[1]	4.01681662
CDD_MtrCurrDax_Amp_G_f32[0]	147.304993
CDD_MtrCurrDax_Amp_G_f32[1]	158.048004
CDD_MtrCurrK1_Amps_G_f32[0]	75.5
CDD_MtrCurrK1_Amps_G_f32[1]	83.8000031
CDD_MtrCurrK2_Amps_G_f32[0]	60.8100014
CDD_MtrCurrK2_Amps_G_f32[1]	74.1200027
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	-118.010002 05.000024
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1] CDD_MtrCurrQax_Amp_G_f32[0]	-85.8000031 40.4700012
CDD_MtrCurrQax_Amp_G_f32[1]	56.4199982
CDD_PWMDutyCycleASum_Cnt_G_u32[0]	2115
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	2665
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	3204
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	4348
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	5503
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	7901
CDD_PhaseAdvFinal_Cnt_G_u16[0]	174
CDD_PhaseAdvFinal_Cnt_G_u16[1]	176
CDD_RxMtrPos1ParityAccum_Cnt_G_u16[0]	3204
CDD_RxMtrPos1ParityAccum_Cnt_G_u16[1]	4348
CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[0] CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[1]	206
CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[1] CDD SysCVSwitchADC Cnt G u16[0]	256 5140
CDD SysCVSwitchADC Cnt G u16[1]	7340
CDD SysCorrectedElecMtrPos Rev G u0p16[0]	0
CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[1]	58327
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	0
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	58327
PXAccumPrev_Cnt_M_u32[0]	4898
PXAccumPrev_Cnt_M_u32[1]	6966
PXAccumPrev_Cnt_M_u32[2]	55464
Rte_Inst_Sa_CDDInterface	tgt_Rte_Inst_Sa_CDDInterface
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	645963
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	845984
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	145991

2015-02-18, 15:41:12+0530



Name	Input Value		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr1_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_	_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr2_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_	_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32	tgt_CDDInterface_Per1_CorrMtrCurrPosition_	_Rev_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev	tgt_CDDInterface_Per1_CorrectedElecMtrPo	sFloat_Rev_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p			
tqt Rte Inst Sa CDDInterface.CDDInterface Per1 CumMechMtrPos Rev f32	tgt CDDInterface Per1 CumMechMtrPos R		
		_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxError_Cnt_u16	tgt_CDDInterface_Per1_Die1RxError_Cnt_u1		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_	target_CDDInterface_Per1_Die1UnderVoltgF		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxMtrPos_Cnt_u16	tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxRevCtr_Cnt_u16	tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_	u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxError_Cnt_u16	tgt_CDDInterface_Per1_Die2RxError_Cnt_u1	16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxMtrPos_Cnt_u16	tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_	<u>u</u> 16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxRevCtr_Cnt_u16	tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_	u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeA_0	Cnt_u32	
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 ExpectedOnTimeB Cnt u32	tgt_CDDInterface_Per1_ExpectedOnTimeB_0	Cnt u32	
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 ExpectedOnTimeC Cnt u32	tgt_CDDInterface_Per1_ExpectedOnTimeC_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_LRPRPhaseadvanceCaptured_	tgt_CDDInterface_Per1_LRPRPhaseadvance	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeA_		
		_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeB_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeC_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MechMtrPos1TimeStamp_USe	tgt_CDDInterface_Per1_MechMtrPos1TimeS	·	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MechMtrPos2TimeStamp_USerror = 0.0000000000000000000000000000000000$	tgt_CDDInterface_Per1_MechMtrPos2TimeS	tamp_USec_u32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ModIdxFinal_Uls_f32	tgt_CDDInterface_Per1_ModIdxFinal_Uls_f32	2	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrDax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrDax_Amp_f3	2	
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 MtrCurrK1 Amp f32	tgt CDDInterface Per1 MtrCurrK1 Amp f32		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK2_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32	tgt_CDDInterface_Per1_MtrCurrQaxFinalRef		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrQax_Amp_f3		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u	tgt_CDDInterface_Per1_RxMtrPos1ParityAcc		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCVSwitchADC_Cnt_u16	tgt_CDDInterface_Per1_SysCVSwitchADC_0	Cnt_u16	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCorrectedElecMtrPos_Rev_Inst_SysCorrectedElecMtrPos_SysCorrectedElecMtrPos_Rev_Inst_SysCorrectedElecMtrPos_SysCor$	tgt_CDDInterface_Per1_SysCorrectedElecMt	rPos_Rev_f32	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_UncorrMechMtrPos1_Rev_u0p^-line for the control of the control$	tgt_CDDInterface_Per1_UncorrMechMtrPos1	_Rev_u0p16	
Name	Actual Value	Expected Value	Result
Hullio			
	0	•	~
CDD_CDDDataAccessBfr_Cnt_G_u16	0	0	~
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0]	80745	0 80745	*
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1]	80745 105748	0 80745 105748	\ \ \
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2]	80745 105748 18248	0 80745 105748 18248	· · ·
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	80745 105748 18248 256	0 80745 105748 18248 256	***
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2]	80745 105748 18248	0 80745 105748 18248	· · ·
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	80745 105748 18248 256	0 80745 105748 18248 256	***
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value	80745 105748 18248 256 4.01681662	0 80745 105748 18248 256 4.01681662 ± 0.0625	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value	80745 105748 18248 256 4.01681662 4.01681662	0 80745 105748 18248 256 4.01681662 ± 0.0625 4.01681662 ± 0.0625	\rightarrow \right
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value	80745 105748 18248 256 4.01681662 4.01681662 5471.25 0.880004883	0 80745 105748 18248 256 4.01681662 ± 0.0625 4.01681662 ± 0.0625 5471.25 0.880004883	***************************************
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value	80745 105748 18248 256 4.01681662 4.01681662 5471.25 0.880004883 57672	0 80745 105748 18248 256 4.01681662 ± 0.0625 4.01681662 ± 0.0625 5471.25 0.880004883 57672	***************************************
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CurmMechMtrPos_Rev_f32.value	80745 105748 18248 256 4.01681662 4.01681662 5471.25 0.880004883 57672 0.0137939453	0 80745 105748 18248 256 4.01681662 ± 0.0625 4.01681662 ± 0.0625 5471.25 0.880004883 57672 0.0137939453 ± 0.0625	***************************************
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value	80745 105748 18248 256 4.01681662 4.01681662 5471.25 0.880004883 57672 0.0137939453 4348	0 80745 105748 18248 256 4.01681662 ± 0.0625 4.01681662 ± 0.0625 5471.25 0.880004883 57672 0.0137939453 ± 0.0625 4348	***************************************
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value	80745 105748 18248 256 4.01681662 4.01681662 5471.25 0.880004883 57672 0.0137939453 4348 5470	0 80745 105748 18248 256 4.01681662 ± 0.0625 4.01681662 ± 0.0625 5471.25 0.880004883 57672 0.0137939453 ± 0.0625 4348 5470	· · · · · · · · · · · · · · · · · · ·
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value	80745 105748 18248 256 4.01681662 4.01681662 5471.25 0.880004883 57672 0.0137939453 4348 5470 0	0 80745 105748 18248 256 4.01681662 ± 0.0625 4.01681662 ± 0.0625 5471.25 0.880004883 57672 0.0137939453 ± 0.0625 4348 5470 0	· · · · · · · · · · · · · · · · · · ·
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value	80745 105748 18248 256 4.01681662 4.01681662 5471.25 0.880004883 57672 0.0137939453 4348 5470 0 192	0 80745 105748 18248 256 4.01681662 ± 0.0625 4.01681662 ± 0.0625 5471.25 0.880004883 57672 0.0137939453 ± 0.0625 4348 5470 0 192	· · · · · · · · · · · · · · · · · · ·
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value	80745 105748 18248 256 4.01681662 4.01681662 5471.25 0.880004883 57672 0.0137939453 4348 5470 0	0 80745 105748 18248 256 4.01681662 ± 0.0625 4.01681662 ± 0.0625 5471.25 0.880004883 57672 0.0137939453 ± 0.0625 4348 5470 0	· · · · · · · · · · · · · · · · · · ·
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value	80745 105748 18248 256 4.01681662 4.01681662 5471.25 0.880004883 57672 0.0137939453 4348 5470 0 192	0 80745 105748 18248 256 4.01681662 ± 0.0625 4.01681662 ± 0.0625 5471.25 0.880004883 57672 0.0137939453 ± 0.0625 4348 5470 0 192	· · · · · · · · · · · · · · · · · · ·
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CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MedidxFinal_Uis_f32.value tgt_CDDInterface_Per1_ModIdxFinal_Uis_f32.value tgt_CDDInterface_Per1_MrcurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value	80745 105748 18248 256 4.01681662 4.01681662 5471.25 0.880004883 57672 0.0137939453 4348 5470 0 192 4535 5283 2665 4348 7901 16 75847 98782 536833696 160 4348 0.16619873 158.048004 83.8000031 74.1200027 -85.8000031 56.4199982 4348	0 80745 105748 18248 256 4.01681662 ± 0.0625 4.01681662 ± 0.0625 5471.25 0.880004883 57672 0.0137939453 ± 0.0625 4348 5470 0 192 4535 5283 2665 4348 7901 16 75847 98782 536833696 160 4348 0.16619873 ± 0.0625 158.048004 83.8000031 74.1200027 -85.8000031 56.4199982 4348	
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Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Resu
CDDPorts ClearPhsReasSum	1	CDDPorts ClearPhsReasSum	1	

Test Step 2.90 (Repeat Count = 1)	Innuit Value
Name	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16	0 2962.25
CDD_CorrMtrCurrPosition_Rev_G_f32[0] CDD CorrMtrCurrPosition Rev G f32[1]	3974.25
CDD CorrectedElecMtrPos Rev G u0p16[0]	0
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	58327
CDD_CumMechMtrPos_Rev_G_s15p16[0]	-910
DD_CumMechMtrPos_Rev_G_s15p16[1]	-917
DD_Die1RxError_Cnt_G_u16[0]	3325
CDD_Die1RxError_Cnt_G_u16[1]	4535
CDD_Die1RxMtrPos_Cnt_G_u16[0]	100
CDD_Die1RxMtrPos_Cnt_G_u16[1]	150
DD_Die1RxRevCtr_Cnt_G_u16[0]	65535
DD_Die1RxRevCtr_Cnt_G_u16[1]	65535
CDD_Die2RxError_Cnt_G_u16[0]	198
CDD_Die2RxError_Cnt_G_u16[1]	200
CDD_Die2RxMtrPos_Cnt_G_u16[0]	3930
CDD_Die2RxMtrPos_Cnt_G_u16[1]	5470 3930
CDD_Die2RxRevCtr_Cnt_G_u16[0] CDD_Die2RxRevCtr_Cnt_G_u16[1]	5470
DD_blezRxxevCtt_Cttt_G_u16[1] DD_MechMtrPos1TimeStamp_uSec_G_u32[0]	166
DD_MechMtrPos1TimeStamp_uSec_G_u32[0]	168
DD MechMtrPos2TimeStamp uSec G u32[0]	3325
DD_MechMtrPos2TimeStamp_uSec_G_u32[1]	4535
CDD_ModIdxFinal_Uls_G_u16p16[0]	15230
DD_ModldxFinal_Uls_G_u16p16[1]	15237
DD_MtrCurr1_Volts_G_f32[0]	2.00025487
DD_MtrCurr1_Volts_G_f32[1]	1.00025475
DD_MtrCurr2_Volts_G_f32[0]	2.00015473
DD_MtrCurr2_Volts_G_f32[1]	2.00025487
CDD_MtrCurrDax_Amp_G_f32[0]	-181.828003
CDD_MtrCurrDax_Amp_G_f32[1]	-170.824997
CDD_MtrCurrK1_Amps_G_f32[0]	50
CDD_MtrCurrK1_Amps_G_f32[1]	60
CDD_MtrCurrK2_Amps_G_f32[0]	-76.8600006 -62.4799995
CDD_MtrCurrK2_Amps_G_f32[1] CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	100.910004
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	138.539993
CDD_MtrCurrQax_Amp_G_f32[0]	55.5800018
CDD MtrCurrQax Amp G f32[1]	76.9499969
CDD PWMDutyCycleASum Cnt G u32[0]	2236
DD_PWMDutyCycleASum_Cnt_G_u32[1]	2852
DD_PWMDutyCycleBSum_Cnt_G_u32[0]	3325
DD_PWMDutyCycleBSum_Cnt_G_u32[1]	4535
DD_PWMDutyCycleCSum_Cnt_G_u32[0]	5624
DD_PWMDutyCycleCSum_Cnt_G_u32[1]	8088
DD_PhaseAdvFinal_Cnt_G_u16[0]	214
DD_PhaseAdvFinal_Cnt_G_u16[1]	312
DD_RxMtrPos1ParityAccum_Cnt_G_u16[0]	3325
DD_RxMtrPos1ParityAccum_Cnt_G_u16[1]	4535
DD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[0]	5866
DD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[1]	8462
DD_SysCVSwitchADC_Cnt_G_u16[0] DD_SysCVSwitchADC_Cnt_G_u16[1]	5261 7527
DD_SysCorrectedElecMtrPos_Rev_G_u0p16[0]	0
DD_SysCorrectedElecMtrPos_Rev_G_u0p16[1]	58982
DD_UncorrMechMtrPos1_Rev_G_u0p16[0]	0
DD_UncorrMechMtrPos1_Rev_G_u0p16[1]	58982
XAccumPrev_Cnt_M_u32[0]	5019
XAccumPrev_Cnt_M_u32[1]	7153
XAccumPrev_Cnt_M_u32[2]	56689
Rte_Inst_Sa_CDDInterface	tgt_Rte_Inst_Sa_CDDInterface
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	145970
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	145991
_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	145998

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Name	Input Value		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr1_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_	_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr2_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_	_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32	tgt_CDDInterface_Per1_CorrMtrCurrPosition_	_Rev_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev	tgt_CDDInterface_Per1_CorrectedElecMtrPo	sFloat_Rev_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p			
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 CumMechMtrPos Rev f32	tgt CDDInterface Per1 CumMechMtrPos R		
		_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxError_Cnt_u16	tgt_CDDInterface_Per1_Die1RxError_Cnt_u1		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_	target_CDDInterface_Per1_Die1UnderVoltgF		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxMtrPos_Cnt_u16	tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxRevCtr_Cnt_u16	tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_	u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxError_Cnt_u16	tgt_CDDInterface_Per1_Die2RxError_Cnt_u1	16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxMtrPos_Cnt_u16	tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_	<u>u</u> 16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxRevCtr_Cnt_u16	tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_	u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeA_0	Cnt_u32	
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 ExpectedOnTimeB Cnt u32	tgt_CDDInterface_Per1_ExpectedOnTimeB_0	Cnt u32	
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 ExpectedOnTimeC Cnt u32	tgt CDDInterface Per1 ExpectedOnTimeC		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_LRPRPhaseadvanceCaptured_	tgt_CDDInterface_Per1_LRPRPhaseadvance	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeA_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32		_	
	tgt_CDDInterface_Per1_MeasuredOnTimeB_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeC_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MechMtrPos1TimeStamp_USer	tgt_CDDInterface_Per1_MechMtrPos1TimeS	·	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MechMtrPos2TimeStamp_USer			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ModIdxFinal_Uls_f32	tgt_CDDInterface_Per1_ModIdxFinal_Uls_f32	2	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrDax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrDax_Amp_f3	2	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK1_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32	!	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK2_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32	tgt_CDDInterface_Per1_MtrCurrQaxFinalRef		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrQax_Amp_f3		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u	tgt_CDDInterface_Per1_RxMtrPos1ParityAcc		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCVSwitchADC_Cnt_u16	tgt_CDDInterface_Per1_SysCVSwitchADC_C	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCorrectedElecMtrPos_Rev_	tgt_CDDInterface_Per1_SysCorrectedElecMt		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_UncorrMechMtrPos1_Rev_u0p	tgt_CDDInterface_Per1_UncorrMechMtrPos1	_Rev_u0p16	
Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	1	1	~
CDD_CDDDataAccessBfr_Cnt_G_u16	1 18246	1 18246	~
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0]			\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1]	18246 18248	18246 18248	~
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2]	18246 18248 18249	18246 18248 18249	~
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	18246 18248 18249 5866	18246 18248 18249 5866	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value	18246 18248 18249 5866 2.00025487	18246 18248 18249 5866 2.00025487 ± 0.0625	· · ·
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value	18246 18248 18249 5866 2.00025487 2.00015473	18246 18248 18249 5866 2.00025487 ± 0.0625 2.00015473 ± 0.0625	***
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value	18246 18248 18249 5866 2.00025487 2.00015473 2962.25	18246 18248 18249 5866 2.00025487 ± 0.0625 2.00015473 ± 0.0625 2962.25	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value	18246 18248 18249 5866 2.00025487 2.00015473	18246 18248 18249 5866 2.00025487 ± 0.0625 2.00015473 ± 0.0625	· · · · · · · · · · · · · · · · · · ·
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value	18246 18248 18249 5866 2.00025487 2.00015473 2962.25	18246 18248 18249 5866 2.00025487 ± 0.0625 2.00015473 ± 0.0625 2962.25	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value	18246 18248 18249 5866 2.00025487 2.00015473 2962.25	18246 18248 18249 5866 2.00025487 ± 0.0625 2.00015473 ± 0.0625 2962.25	· · · · · · · · · · · · · · · · · · ·
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value	18246 18248 18249 5866 2.00025487 2.00015473 2962.25 0	18246 18248 18249 5866 2.00025487 ± 0.0625 2.00015473 ± 0.0625 2962.25 0	· · · · · · · · · · · · · · · · · · ·
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value	18246 18248 18249 5866 2.00025487 2.00015473 2962.25 0 0 -0.013885498	18246 18248 18249 5866 2.00025487 ± 0.0625 2.00015473 ± 0.0625 2962.25 0 0 -0.0139007568 ± 0.0625	· · · · · · · · · · · · · · · · · · ·
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value	18246 18248 18249 5866 2.00025487 2.00015473 2962.25 0 0 -0.013885498 3325 100	18246 18248 18249 5866 2.00025487 ± 0.0625 2.00015473 ± 0.0625 2962.25 0 0 -0.0139007568 ± 0.0625 3325 100	· · · · · · · · · · · · · · · · · · ·
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value	18246 18248 18249 5866 2.00025487 2.00015473 2962.25 0 0 -0.013885498 3325 100 65535	18246 18248 18249 5866 2.00025487 ± 0.0625 2.00015473 ± 0.0625 2962.25 0 0 -0.0139007568 ± 0.0625 3325 100 65535	· · · · · · · · · · · · · · · · · · ·
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value	18246 18248 18249 5866 2.00025487 2.00015473 2962.25 0 0 -0.013885498 3325 100 65535 198	18246 18248 18249 5866 2.00025487 ± 0.0625 2.00015473 ± 0.0625 2962.25 0 0 -0.0139007568 ± 0.0625 3325 100 65535 198	· · · · · · · · · · · · · · · · · · ·
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value	18246 18248 18249 5866 2.00025487 2.00015473 2962.25 0 0 -0.013885498 3325 100 65535 198 3930	18246 18248 18249 5866 2.00025487 ± 0.0625 2.00015473 ± 0.0625 2962.25 0 0 -0.0139007568 ± 0.0625 3325 100 65535 198 3930	· · · · · · · · · · · · · · · · · · ·
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value	18246 18248 18249 5866 2.00025487 2.00015473 2962.25 0 0 -0.013885498 3325 100 65535 198 3930 3930	18246 18248 18249 5866 2.00025487 ± 0.0625 2.00015473 ± 0.0625 2962.25 0 0 -0.0139007568 ± 0.0625 3325 100 65535 198 3930 3930	· · · · · · · · · · · · · · · · · · ·
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value	18246 18248 18249 5866 2.00025487 2.00015473 2962.25 0 0 -0.013885498 3325 100 65535 198 3930 3930 2236	18246 18248 18249 5866 2.00025487 ± 0.0625 2.00015473 ± 0.0625 2962.25 0 0 -0.0139007568 ± 0.0625 3325 100 65535 198 3930 3930 2236	· · · · · · · · · · · · · · · · · · ·
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CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CurmMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRervCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_McCurrK1_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32.value	18246 18248 18249 5866 2.00025487 2.00015473 2962.25 0 0 -0.013885498 3325 100 65535 198 3930 3930 2236 3325 5624 20 13227 11095 536832472 166 3325 0.232391357 -181.828003 50	18246 18248 18249 5866 2.00025487 ± 0.0625 2.00015473 ± 0.0625 2962.25 0 0 -0.0139007568 ± 0.0625 3325 100 65535 198 3930 3930 3930 2236 3325 5624 20 13227 11095 536832472 166 3325 0.232406616 ± 0.0625 -181.828003 50)
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CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MtrCurrN2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrN2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrN2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrN2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrN2_Amp_f32.value	18246 18248 18249 5866 2.00025487 2.00015473 2962.25 0 0 -0.013885498 3325 100 65535 198 3930 3930 2236 3325 5624 20 13227 11095 536832472 166 3325 0.232391357 -181.828003 50 -76.8600006 100.910004	18246 18248 18249 5866 2.00025487 ± 0.0625 2.00015473 ± 0.0625 2962.25 0 0 -0.0139007568 ± 0.0625 3325 100 65535 198 3930 3930 2236 3325 5624 20 13227 11095 536832472 166 3325 0.232406616 ± 0.0625 -181.828003 50 -76.8600006 100.910004	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_McourtPax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value	18246 18248 18249 5866 2.00025487 2.00015473 2962.25 0 0 -0.013885498 3325 100 65535 198 3930 2936 3325 5624 20 13227 11095 536832472 166 3325 0.232391357 -181.828003 50 -76.8600006 100.910004 55.5800018 3325	18246 18248 18249 5866 2.00025487 ± 0.0625 2.00015473 ± 0.0625 2962.25 0 0 -0.0139007568 ± 0.0625 3325 100 65535 198 3930 3930 2236 3325 5624 20 13227 11095 536832472 166 3325 0.232406616 ± 0.0625 -181.828003 50 -76.8600006 100.910004 55.5800018 3325	
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MchMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MctCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_FinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_FinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_FinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_FinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_FinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_FinalRef_Amp_f32.value	18246 18248 18249 5866 2.00025487 2.00015473 2962.25 0 0 -0.013885498 3325 100 65535 198 3930 2236 3325 5624 20 13227 11095 536832472 166 3325 0.232391357 -181.828003 50 -76.8600006 100.910004 55.5800018 3325 5261	18246 18248 18249 5866 2.00025487 ± 0.0625 2.00015473 ± 0.0625 2962.25 0 0 -0.0139007568 ± 0.0625 3325 100 65535 198 3930 3930 2236 3325 5624 20 13227 11095 536832472 166 3325 0.232406616 ± 0.0625 -181.828003 50 -76.8600006 100.910004 55.5800018 3325 5261	
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_McourtPax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value	18246 18248 18249 5866 2.00025487 2.00015473 2962.25 0 0 -0.013885498 3325 100 65535 198 3930 2936 3325 5624 20 13227 11095 536832472 166 3325 0.232391357 -181.828003 50 -76.8600006 100.910004 55.5800018 3325	18246 18248 18249 5866 2.00025487 ± 0.0625 2.00015473 ± 0.0625 2962.25 0 0 -0.0139007568 ± 0.0625 3325 100 65535 198 3930 3930 2236 3325 5624 20 13227 11095 536832472 166 3325 0.232406616 ± 0.0625 -181.828003 50 -76.8600006 100.910004 55.5800018 3325	





Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
CDDPorts_ClearPhsReasSum	1	CDDPorts_ClearPhsReasSum	1	~

Test Step 2.91 (Repeat Count = 1)	
Name	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16	1
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	3083.23999
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	4161.27979
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	0
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	58982
CDD_CumMechMtrPos_Rev_G_s15p16[0]	-530
CDD_CumMechMtrPos_Rev_G_s15p16[1]	-537
CDD_Die1RxError_Cnt_G_u16[0] CDD_Die1RxError_Cnt_G_u16[1]	3930 5470
CDD_Die1RxMtrPos_Cnt_G_u16[0]	126
CDD_Die1RxMtrPos_Cnt_G_u16[1]	156
CDD_Die1RxRevCtr_Cnt_G_u16[0]	5503
CDD_Die1RxRevCtr_Cnt_G_u16[1]	7901
CDD_Die2RxError_Cnt_G_u16[0]	3083
CDD_Die2RxError_Cnt_G_u16[1]	4161
CDD_Die2RxMtrPos_Cnt_G_u16[0]	100
CDD_Die2RxMtrPos_Cnt_G_u16[1]	150
CDD_Die2RxRevCtr_Cnt_G_u16[0]	100
CDD_Die2RxRevCtr_Cnt_G_u16[1]	150
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	174
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	176
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0]	3446
CDD_MechMtrPos2TimeStamp_uSec_G_u32[1]	4722 24189
CDD_ModldxFinal_Uls_G_u16p16[0] CDD_ModldxFinal_Uls_G_u16p16[1]	24195
CDD MtrCurr1 Volts G f32[0]	1.01732635
CDD_MtrCurr1_Volts_G_f32[1]	2.01732635
CDD_MtrCurr2_Volts_G_f32[0]	2.01732635
CDD_MtrCurr2_Volts_G_f32[1]	1.01732635
CDD_MtrCurrDax_Amp_G_f32[0]	194.345001
CDD_MtrCurrDax_Amp_G_f32[1]	205.608002
CDD_MtrCurrK1_Amps_G_f32[0]	55.7999992
CDD_MtrCurrK1_Amps_G_f32[1]	65.9000015
CDD_MtrCurrK2_Amps_G_f32[0]	64.1500015
CDD_MtrCurrK2_Amps_G_f32[1]	79.5999985
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	116.019997
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	159.070007
CDD_MtrCurrQax_Amp_G_f32[0]	192.830994
CDD_MtrCurrQax_Amp_G_f32[1] CDD PWMDutyCycleASum Cnt G u32[0]	203.834 2357
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	3039
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	3446
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	4722
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	5745
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	8275
CDD_PhaseAdvFinal_Cnt_G_u16[0]	222
CDD_PhaseAdvFinal_Cnt_G_u16[1]	368
CDD_RxMtrPos1ParityAccum_Cnt_G_u16[0]	2962
CDD_RxMtrPos1ParityAccum_Cnt_G_u16[1]	3974
CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[0]	7688
CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[1]	9097
CDD_SysCVSwitchADC_Cnt_G_u16[0]	5382
CDD_SysCVSwitchADC_Cnt_G_u16[1]	7714
CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[0]	22282
CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[1]	22938
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0] CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	22282 22938
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1] PXAccumPrev_Cnt_M_u32[0]	5140
PXAccumPrev_Cnt_M_u32[1]	7340
PXAccumPrev_Cnt_M_u32[2]	57914
Rte_Inst_Sa_CDDInterface	tgt_Rte_Inst_Sa_CDDInterface
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	145977
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	145998
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	146005

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Name	Input Value		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr1_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr1_Volts	:_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr2_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr2_Volts	s_f32	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32$	tgt_CDDInterface_Per1_CorrMtrCurrPosition	_Rev_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPosFloat_Re			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CumMechMtrPos_Rev_f32	tgt_CDDInterface_Per1_CumMechMtrPos_F	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxError_Cnt_u16 tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_	tgt_CDDInterface_Per1_Die1RxError_Cnt_u target_CDDInterface_Per1_Die1UnderVoltgf		
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 Die1RxMtrPos Cnt u16	tgt CDDInterface Per1 Die1RxMtrPos Cnt		
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 Die1RxRevCtr Cnt u16	tgt CDDInterface Per1 Die1RxRevCtr Cnt		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxError_Cnt_u16	tgt_CDDInterface_Per1_Die2RxError_Cnt_u	16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxMtrPos_Cnt_u16	tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_	_u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxRevCtr_Cnt_u16	tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_	_u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeA_	_Cnt_u32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeB_	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeC_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_LRPRPhaseadvanceCaptured_			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32 tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeA tgt_CDDInterface_Per1_MeasuredOnTimeB		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeC		
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 MechMtrPos1TimeStamp USe			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MechMtrPos2TimeStamp_USe		·	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ModIdxFinal_Uls_f32	tgt_CDDInterface_Per1_ModIdxFinal_Uls_f3		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrDax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrDax_Amp_f3	32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK1_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32	2	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK2_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK2_Amp_f3:	2	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrQax_Amp_f		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCVSwitchADC_Cnt_u16	tgt_CDDInterface_Per1_SysCVSwitchADC_u	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCorrectedElecMtrPos_Rev_ tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_UncorrMechMtrPos1_Rev_u0p			
Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	0	0	/ / /
PXAccumPrev Cnt M u32[0]	18247	18247	✓
PXAccumPrev_Cnt_M_u32[1]	18249	18249	~
PXAccumPrev_Cnt_M_u32[2]	18250	18250	~
target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	9097	9097	~
tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value	2.01732635	2.01732635 ± 0.0625	~
tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value	1.01732635	1.01732635 ± 0.0625	~
tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value	4161.27979	4161.27979	*
tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value	0.899993896 58982	0.899993896 58982	_
tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value	-0.00819396973	-0.00819396973 ± 0.0625	
tgt CDDInterface Per1 Die1RxError Cnt u16.value	5470	5470	✓
tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value	156	156	
tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value	7901	7901	✓
tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value	4161	4161	~
tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value	150	150	✓
tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value	150	150	~
tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value	3039	3039	~
tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value	4722	4722	
tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value	8275	8275	~
tgt_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value	34 13107	34 13107	
tgt_CDDInterface_ren_weasuredOnTimeA_cnt_u32.value	10909	10909	
tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value	536831248	536831248	✓
tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value	176	176	_
tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value	4722	4722	✓
tgt_CDDInterface_Per1_ModIdxFinal_Uls_f32.value	0.369186401	0.36920166 ± 0.0625	~
tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value	0.000100101		
tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32.value	205.608002	205.608002	~
tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value	205.608002 65.9000015	65.9000015	~
	205.608002 65.9000015 79.5999985	65.9000015 79.5999985	<i>y</i>
tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value	205.608002 65.9000015 79.5999985 159.070007	65.9000015 79.5999985 159.070007	*
tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value	205.608002 65.9000015 79.5999985 159.070007 203.834	65.9000015 79.5999985 159.070007 203.834	· · ·
tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u16.value	205.608002 65.9000015 79.5999985 159.070007 203.834 3974	65.9000015 79.5999985 159.070007 203.834 3974	*
tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u16.value tgt_CDDInterface_Per1_SysCVSwitchADC_Cnt_u16.value	205.608002 65.9000015 79.5999985 159.070007 203.834 3974 7714	65.9000015 79.5999985 159.070007 203.834 3974 7714	· ·
tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u16.value	205.608002 65.9000015 79.5999985 159.070007 203.834 3974	65.9000015 79.5999985 159.070007 203.834 3974	· ·



Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
CDDPorts_ClearPhsReasSum	1	CDDPorts_ClearPhsReasSum	1	~

Test Step 2.92 (Repeat Count = 1)	
Name	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16	1
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	6229.27979
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	9023.54004
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	22282
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	22938
CDD_CumMechMtrPos_Rev_G_s15p16[0]	655
CDD_CumMechMtrPos_Rev_G_s15p16[1] CDD_Die1RxError_Cnt_G_u16[0]	1310 100
CDD_Die1RxError_Cnt_G_u16[1]	150
CDD_Die1RxMtrPos Cnt G u16[0]	2357
CDD Die1RxMtrPos Cnt G u16[1]	3039
CDD_Die1RxRevCtr_Cnt_G_u16[0]	190
CDD_Die1RxRevCtr_Cnt_G_u16[1]	192
CDD_Die2RxError_Cnt_G_u16[0]	3204
CDD_Die2RxError_Cnt_G_u16[1]	4348
CDD_Die2RxMtrPos_Cnt_G_u16[0]	126
CDD_Die2RxMtrPos_Cnt_G_u16[1]	156
CDD_Die2RxRevCtr_Cnt_G_u16[0]	0
CDD_Die2RxRevCtr_Cnt_G_u16[1]	0
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	182
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	184
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0]	3567
CDD_MechMtrPos2TimeStamp_uSec_G_u32[1]	4909
CDD_ModIdxFinal_Uls_G_u16p16[0]	8100
CDD_ModIdxFinal_Uls_G_u16p16[1]	8106
CDD_MtrCurr1_Volts_G_f32[0]	2.01452351
CDD_MtrCurr1_Volts_G_f32[1]	1.01452363
CDD_MtrCurr2_Volts_G_f32[0]	2.01452351
CDD_MtrCurr2_Volts_G_f32[1]	1.01452363
CDD_MtrCurrDax_Amp_G_f32[0] CDD_MtrCurrDax_Amp_G_f32[1]	120.710999 130.934006
CDD_MtrCurrK1_Amps_G_f32[0]	35.7400017
CDD_MtrCurrK1_Amps_G_f32[1]	29.7099991
CDD_MtrCurrK2_Amps_G_f32[0]	6.26999998
CDD_MtrCurrK2_Amps_G_f32[1]	11.2799997
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	141.156998
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	151.380005
CDD_MtrCurrQax_Amp_G_f32[0]	141.156998
CDD_MtrCurrQax_Amp_G_f32[1]	151.380005
CDD_PWMDutyCycleASum_Cnt_G_u32[0]	1026
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	1040
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	222
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	368
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	5628
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	8097
CDD_PhaseAdvFinal_Cnt_G_u16[0]	3809
CDD_PhaseAdvFinal_Cnt_G_u16[1]	5283
CDD_RxMtrPos1ParityAccum_Cnt_G_u16[0]	3083
CDD_RxMtrPos1ParityAccum_Cnt_G_u16[1]	4161
CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[0]	222
CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[1]	368 5503
CDD_SysCVSwitchADC_Cnt_G_u16[0] CDD_SysCVSwitchADC_Cnt_G_u16[1]	7901
CDD_SysCv3witchADC_Cht_G_u10[1] CDD SysCorrectedElecMtrPos Rev G u0p16[0]	22938
CDD_SysCorrectedElecMtrPos Rev G u0p16[1]	23593
CDD_GysCorrectedElectwirr vs_Nev_G_u0p16[0] CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	22938
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	23593
PXAccumPrev_Cnt_M_u32[0]	5261
PXAccumPrev_Cnt_M_u32[1]	7527
PXAccumPrev_Cnt_M_u32[2]	59139
Rte_Inst_Sa_CDDInterface	tgt_Rte_Inst_Sa_CDDInterface
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	146026
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	146026
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	646047

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Name	Input Value		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr1_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr1_Volts	f32	
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 ADCMtrCurr2 Volts f32	tgt CDDInterface Per1 ADCMtrCurr2 Volts		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32	tgt_CDDInterface_Per1_CorrMtrCurrPosition		
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 CorrectedElecMtrPosFloat Re			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0			
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 CumMechMtrPos Rev f32	tgt CDDInterface Per1 CumMechMtrPos R		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxError_Cnt_u16	tgt_CDDInterface_Per1_Die1RxError_Cnt_u	 16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_	target_CDDInterface_Per1_Die1UnderVoltgF	FltAccum_Cnt_u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxMtrPos_Cnt_u16	tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_	_u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxRevCtr_Cnt_u16	tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_	_u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxError_Cnt_u16	tgt_CDDInterface_Per1_Die2RxError_Cnt_u	16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxMtrPos_Cnt_u16	tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_	_u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxRevCtr_Cnt_u16	tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_	_u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeA_	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeB_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeC_	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_LRPRPhaseadvanceCaptured_	tgt_CDDInterface_Per1_LRPRPhaseadvance		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeA_	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeB_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeC		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MechMtrPos1TimeStamp_USe			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MechMtrPos2TimeStamp_USe tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ModIdxFinal_UIs_f32	tgt_CDDInterface_Per1_MechMtrPos2TimeS tgt_CDDInterface_Per1_ModIdxFinal_Uls_f3.		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrDax_Amp_f32	tgt CDDInterface Per1 MtrCurrDax Amp f3		
tgt Rte Inst Sa CDDInterface.CDDInterface Per 1_MirCurrK1 Amp f32	tgt_CDDInterface_Per1_MtrCurrK1_Amp_i3		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK2_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32	tgt_CDDInterface_Per1_MtrCurrQaxFinalRef		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQax_Amp_f32	tgt CDDInterface Per1 MtrCurrQax Amp f3		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCVSwitchADC_Cnt_u16	tgt_CDDInterface_Per1_SysCVSwitchADC_0		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCorrectedElecMtrPos_Rev_	tgt_CDDInterface_Per1_SysCorrectedElecM	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_UncorrMechMtrPos1_Rev_u0p	tgt_CDDInterface_Per1_UncorrMechMtrPos1		
Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	0	0	~
PXAccumPrev_Cnt_M_u32[0]	18253	18253	~
PXAccumPrev_Cnt_M_u32[1]	18253	18253	~
PXAccumPrev_Cnt_M_u32[2]	80755	80755	~
target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	368	368	~
tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value	1.01452363	1.01452363 ± 0.0625	✓
tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value	1.01452363	1.01452363 ± 0.0625	~
tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value	9023.54004	9023.54004	~
tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value	0.350006104	0.350006104	~
tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value	22938	22938	V
tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value	0.0199890137	0.0200042725 ± 0.0625	•
tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value	150 3039	150 3039	Ž
tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value	192	192	
tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value	4348	4348	J
tgt CDDInterface Per1 Die2RxMtrPos Cnt u16.value	156	156	~
tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value	0	0	,
tgt CDDInterface Per1 ExpectedOnTimeA Cnt u32.value	1040	1040	✓
tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value	368	368	~
tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value	8097	8097	•
tgt_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value	495	495	~
	700	490	
tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value	12992	12992	~
tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value			
	12992	12992	~
tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value	12992 10726	12992 10726	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value	12992 10726 21616	12992 10726 21616	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_ModIdxFinal_UIs_f32.value	12992 10726 21616 184 4909 0.123687744	12992 10726 21616 184 4909 0.123703003 ± 0.0625	~
tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_ModIdxFinal_UIs_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value	12992 10726 21616 184 4909 0.123687744 130.934006	12992 10726 21616 184 4909 0.123703003 ± 0.0625 130.934006	
tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_ModIdxFinal_UIs_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32.value	12992 10726 21616 184 4909 0.123687744 130.934006 29.7099991	12992 10726 21616 184 4909 0.123703003 ± 0.0625 130.934006 29.7099991	
tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_ModIdxFinal_UIs_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value	12992 10726 21616 184 4909 0.123687744 130.934006 29.7099991 11.2799997	12992 10726 21616 184 4909 0.123703003 ± 0.0625 130.934006 29.7099991 11.2799997	
tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_ModIdxFinal_UIs_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrCaxFinalRef_Amp_f32.value	12992 10726 21616 184 4909 0.123687744 130.934006 29.7099991 11.2799997 151.380005	12992 10726 21616 184 4909 0.123703003 ± 0.0625 130.934006 29.7099991 11.2799997 151.380005	
tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MedldxFinal_UIs_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrX2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value	12992 10726 21616 184 4909 0.123687744 130.934006 29.7099991 11.2799997 151.380005 151.380005	12992 10726 21616 184 4909 0.123703003 ± 0.0625 130.934006 29.7099991 11.2799997 151.380005 151.380005	· · · · · · · · · · · · · · · · · · ·
tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u16.value	12992 10726 21616 184 4909 0.123687744 130.934006 29.7099991 11.2799997 151.380005 151.380005 4161	12992 10726 21616 184 4909 0.123703003 ± 0.0625 130.934006 29.7099991 11.2799997 151.380005 151.380005 4161	~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~
tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u16.value tgt_CDDInterface_Per1_SysCVSwitchADC_Cnt_u16.value	12992 10726 21616 184 4909 0.123687744 130.934006 29.7099991 11.2799997 151.380005 151.380005 4161 7901	12992 10726 21616 184 4909 0.123703003 ± 0.0625 130.934006 29.7099991 11.2799997 151.380005 151.380005 4161 7901	
tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u16.value	12992 10726 21616 184 4909 0.123687744 130.934006 29.7099991 11.2799997 151.380005 151.380005 4161	12992 10726 21616 184 4909 0.123703003 ± 0.0625 130.934006 29.7099991 11.2799997 151.380005 151.380005 4161	



Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
CDDPorts_ClearPhsReasSum	1	CDDPorts_ClearPhsReasSum	1	~

Test Step 2.93 (Repeat Count = 1) Name	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16	0
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	6350.27979
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	9210.28027
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	22938
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	23592
CDD_CumMechMtrPos_Rev_G_s15p16[0]	-1966
CDD_CumMechMtrPos_Rev_G_s15p16[1]	-2621
CDD_Die1RxError_Cnt_G_u16[0]	126
CDD_Die1RxError_Cnt_G_u16[1]	156
CDD_Die1RxMtrPos_Cnt_G_u16[0]	142
CDD_Die1RxMtrPos_Cnt_G_u16[1]	158
CDD_Die1RxRevCtr_Cnt_G_u16[0]	198
CDD_Die1RxRevCtr_Cnt_G_u16[1]	200
CDD_Die2RxError_Cnt_G_u16[0]	3325
CDD_Die2RxError_Cnt_G_u16[1]	4535 2357
CDD_Die2RxMtrPos_Cnt_G_u16[0] CDD_Die2RxMtrPos_Cnt_G_u16[1]	3039
CDD_Die2RxRevCtr_Cnt_G_u16[0]	65535
CDD_Die2RxRevCtr_Cnt_G_u16[0] CDD Die2RxRevCtr Cnt G u16[1]	65535
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	190
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	192
CDD MechMtrPos2TimeStamp_uSec G u32[0]	3688
CDD_MechMtrPos2TimeStamp_uSec_G_u32[1]	5096
CDD_ModIdxFinal_Uls_G_u16p16[0]	16108
CDD_ModldxFinal_Uls_G_u16p16[1]	16115
CDD_MtrCurr1_Volts_G_f32[0]	2.01477838
CDD_MtrCurr1_Volts_G_f32[1]	1.01477838
CDD_MtrCurr2_Volts_G_f32[0]	1.01477838
CDD_MtrCurr2_Volts_G_f32[1]	2.01477838
CDD_MtrCurrDax_Amp_G_f32[0]	144.751007
CDD_MtrCurrDax_Amp_G_f32[1]	155.233994
CDD_MtrCurrK1_Amps_G_f32[0]	36.9599991
CDD_MtrCurrK1_Amps_G_f32[1]	30.4899998
CDD_MtrCurrK2_Amps_G_f32[0]	34
CDD_MtrCurrK2_Amps_G_f32[1]	54
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	-176.199997
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	-165.716995
CDD_MtrCurrQax_Amp_G_f32[0] CDD MtrCurrQax Amp G f32[1]	100.264999 110.487999
CDD PWMDutyCycleASum Cnt G u32[0]	1147
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	1169
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	230
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	424
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	4656
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	6592
CDD_PhaseAdvFinal_Cnt_G_u16[0]	3930
CDD_PhaseAdvFinal_Cnt_G_u16[1]	5470
CDD_RxMtrPos1ParityAccum_Cnt_G_u16[0]	3204
CDD_RxMtrPos1ParityAccum_Cnt_G_u16[1]	4348
CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[0]	230
CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[1]	424
CDD_SysCVSwitchADC_Cnt_G_u16[0]	5624
CDD_SysCVSwitchADC_Cnt_G_u16[1]	8088
CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[0]	0
CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[1]	24248
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	0
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	24248
PXAccumPrev_Cnt_M_u32[0]	5382
PXAccumPrev_Cnt_M_u32[1]	7714
PXAccumPrev_Cnt_M_u32[2] Pto_Inst_Sq_CDDInterface	60364
Rte_Inst_Sa_CDDInterface e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	tgt_Rte_Inst_Sa_CDDInterface 346033
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	346033
	146054

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Name	Input Value		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr1_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_	_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr2_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_	_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32	tgt_CDDInterface_Per1_CorrMtrCurrPosition_	_Rev_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev	tgt_CDDInterface_Per1_CorrectedElecMtrPo	sFloat_Rev_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p	tgt_CDDInterface_Per1_CorrectedElecMtrPo	s Rev u0p16	
tqt Rte Inst Sa CDDInterface.CDDInterface Per1 CumMechMtrPos Rev f32	tgt CDDInterface Per1 CumMechMtrPos R		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxError_Cnt_u16	tgt_CDDInterface_Per1_Die1RxError_Cnt_u1	-	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_	target_CDDInterface_Per1_Die1UnderVoltgF		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxMtrPos_Cnt_u16	tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxRevCtr_Cnt_u16	tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxError_Cnt_u16	tgt_CDDInterface_Per1_Die2RxError_Cnt_u1		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxMtrPos_Cnt_u16	tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_	u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxRevCtr_Cnt_u16	tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_	<u>u</u> 16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeA_	Cnt_u32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeB_	Cnt_u32	
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 ExpectedOnTimeC Cnt u32	tgt CDDInterface Per1 ExpectedOnTimeC	Cnt u32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_LRPRPhaseadvanceCaptured_	tgt_CDDInterface_Per1_LRPRPhaseadvance	eCaptured Cnt s16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeA_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeB_	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeC_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MechMtrPos1TimeStamp_USer		·	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MechMtrPos2TimeStamp_USer			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ModIdxFinal_Uls_f32	tgt_CDDInterface_Per1_ModIdxFinal_Uls_f32	2	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrDax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrDax_Amp_f3	32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK1_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32	2	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK2_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32	2	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32	tgt_CDDInterface_Per1_MtrCurrQaxFinalRef		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrQax_Amp_f3		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u	tgt_CDDInterface_Per1_RxMtrPos1ParityAcc		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCVSwitchADC_Cnt_u16	tgt_CDDInterface_Per1_SysCVSwitchADC_C	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCorrectedElecMtrPos_Rev_	tgt_CDDInterface_Per1_SysCorrectedElecMt		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_UncorrMechMtrPos1_Rev_u0p	tgt_CDDInterface_Per1_UncorrMechMtrPos1	_Rev_u0p16	
Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	1	1	~
CDD_CDDDataAccessBfr_Cnt_G_u16	1 43254	•	~
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0]	43254	1 43254	~
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1]	43254 43254	1 43254 43254	\ \ \
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2]	43254 43254 18256	1 43254 43254 18256	· · ·
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	43254 43254 18256 230	1 43254 43254 18256 230	***
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value	43254 43254 18256 230 2.01477838	1 43254 43254 18256 230 2.01477838 ± 0.0625	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value	43254 43254 18256 230 2.01477838 1.01477838	1 43254 43254 18256 230 2.01477838 ± 0.0625 1.01477838 ± 0.0625	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value	43254 43254 18256 230 2.01477838 1.01477838 6350.27979	1 43254 43254 18256 230 2.01477838 ± 0.0625 1.01477838 ± 0.0625 6350.27979	· · · · · · · · · · · · · · · · · · ·
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value	43254 43254 18256 230 2.01477838 1.01477838	1 43254 43254 18256 230 2.01477838 ± 0.0625 1.01477838 ± 0.0625	***************************************
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value	43254 43254 18256 230 2.01477838 1.01477838 6350.27979	1 43254 43254 18256 230 2.01477838 ± 0.0625 1.01477838 ± 0.0625 6350.27979	· · · · · · · · · · · · · · · · · · ·
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value	43254 43254 18256 230 2.01477838 1.01477838 6350.27979 0.350006104	1 43254 43254 18256 230 2.01477838 ± 0.0625 1.01477838 ± 0.0625 6350.27979 0.350006104	***************************************
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CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeoldxFinal_Uls_f32.value tgt_CDDInterface_Per1_MeoldxFinal_Uls_f32.value tgt_CDDInterface_Per1_MeoldxFinal_Uls_f32.value tgt_CDDInterface_Per1_MeclMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MtrCurrR2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrR2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrR2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value	43254 43254 18256 230 2.01477838 1.01477838 6350.27979 0.350006104 22938 -0.0299987793 126 142 198 3325 2357 65535 1147 230 4656 368 37872 35540 536828804 190 3688 0.245788574 144.751007 36.9599991 34 -176.199997 100.264999 3204 5624	1	
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_McourtR1_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value	43254 43254 43254 18256 230 2.01477838 1.01477838 6350.27979 0.350006104 22938 -0.0299987793 126 142 198 3325 2357 65535 1147 230 4656 368 37872 35540 536828804 190 3688 0.245788574 144.751007 36.9599991 34 -176.199997 100.264999 3204	1	





Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
CDDPorts_ClearPhsReasSum	1	CDDPorts_ClearPhsReasSum	1	~

Test Step 2.94 (Repeat Count = 1)	✓
Name	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16	1
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	5503.16992
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	7901.77979
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	0
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	24248
CDD_CumMechMtrPos_Rev_G_s15p16[0]	3276
CDD_CumMechMtrPos_Rev_G_s15p16[1]	3932
CDD_Die1RxError_Cnt_G_u16[0] CDD_Die1RvError_Cnt_G_u16[1]	2357 3039
CDD_Die1RxError_Cnt_G_u16[1] CDD_Die1RxMtrPos_Cnt_G_u16[0]	166
CDD_Die1RxMtrPos_Cnt_G_u16[1]	168
CDD_Die1RxRevCtr_Cnt_G_u16[0]	3083
CDD_Die1RxRevCtr_Cnt_G_u16[1]	4161
CDD_Die2RxError_Cnt_G_u16[0]	3930
CDD_Die2RxError_Cnt_G_u16[1]	5470
CDD_Die2RxMtrPos_Cnt_G_u16[0]	142
CDD_Die2RxMtrPos_Cnt_G_u16[1]	158
CDD_Die2RxRevCtr_Cnt_G_u16[0]	5745
CDD_Die2RxRevCtr_Cnt_G_u16[1]	8275
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	198
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	200
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0] CDD_MechMtrPos2TimeStamp_uSec_G_u32[1]	3809 5283
CDD_ModIdxFinal_Uls_G_u16p16[0]	38469
CDD_ModIdxFinal_Uls_G_u16p16[1]	57606
CDD MtrCurr1 Volts G f32[0]	1.01503325
CDD_MtrCurr1_Volts_G_f32[1]	2.01503325
CDD_MtrCurr2_Volts_G_f32[0]	2.01503325
CDD_MtrCurr2_Volts_G_f32[1]	1.01503325
CDD_MtrCurrDax_Amp_G_f32[0]	55.5800018
CDD_MtrCurrDax_Amp_G_f32[1]	76.9499969
CDD_MtrCurrK1_Amps_G_f32[0]	38.1800003
CDD_MtrCurrK1_Amps_G_f32[1]	31.2700005
CDD_MtrCurrK2_Amps_G_f32[0]	59.2700005
CDD_MtrCurrK2_Amps_G_f32[1]	67.8899994
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0] CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	-201.020004 -190.276993
CDD_MtrCurrQax_Amp_G_f32[0]	-134.268005
CDD_MtrCurrQax_Amp_G_f32[1]	-123.785004
CDD PWMDutyCycleASum Cnt G u32[0]	1268
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	1356
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	238
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	480
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	4777
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	6779
CDD_PhaseAdvFinal_Cnt_G_u16[0]	100
CDD_PhaseAdvFinal_Cnt_G_u16[1]	150
CDD_RxMtrPos1ParityAccum_Cnt_G_u16[0]	3325
CDD_RxMtrPos1ParityAccum_Cnt_G_u16[1]	4535
CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[0] CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[1]	238 480
CDD SysCVSwitchADC Cnt G u16[0]	5745
CDD SysCVSwitchADC Cnt G u16[1]	8275
CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[0]	24248
CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[1]	24904
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	24248
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	24904
PXAccumPrev_Cnt_M_u32[0]	6567
PXAccumPrev_Cnt_M_u32[1]	8910
PXAccumPrev_Cnt_M_u32[2]	50564
Rte_Inst_Sa_CDDInterface	tgt_Rte_Inst_Sa_CDDInterface
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	146040
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	146040
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	846061

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	I		
Name	Input Value		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr1_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_	_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr2_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32	tgt_CDDInterface_Per1_CorrMtrCurrPosition_	_Rev_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev	tgt_CDDInterface_Per1_CorrectedElecMtrPo	sFloat_Rev_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p	tgt CDDInterface Per1 CorrectedElecMtrPo	s Rev u0p16	
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 CumMechMtrPos Rev f32	tgt CDDInterface Per1 CumMechMtrPos Re		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxError_Cnt_u16	tgt_CDDInterface_Per1_Die1RxError_Cnt_u1	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_	target_CDDInterface_Per1_Die1UnderVoltgF		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxMtrPos_Cnt_u16	tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxRevCtr_Cnt_u16	tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxError_Cnt_u16	tgt_CDDInterface_Per1_Die2RxError_Cnt_u1	16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxMtrPos_Cnt_u16	tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_	u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxRevCtr_Cnt_u16	tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_	u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeA_0	Cnt_u32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeB_0	Cnt_u32	
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 ExpectedOnTimeC Cnt u32	tgt CDDInterface Per1 ExpectedOnTimeC	Cnt u32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_LRPRPhaseadvanceCaptured_	tgt_CDDInterface_Per1_LRPRPhaseadvance	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeA_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeB_	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeC_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MechMtrPos1TimeStamp_USer		· -	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MechMtrPos2TimeStamp_USer			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ModIdxFinal_Uls_f32	tgt_CDDInterface_Per1_ModIdxFinal_Uls_f32	2	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrDax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrDax_Amp_f3	2	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK1_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK2_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32	tgt_CDDInterface_Per1_MtrCurrQaxFinalRef		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrQax_Amp_f3		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCVSwitchADC_Cnt_u16	tgt_CDDInterface_Per1_SysCVSwitchADC_C	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCorrectedElecMtrPos_Rev_	tgt_CDDInterface_Per1_SysCorrectedElecMt		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_UncorrMechMtrPos1_Rev_u0p	tgt_CDDInterface_Per1_UncorrMechMtrPos1	_Rev_u0p16	
Name	Actual Value	Expected Value	Result
		• • • • • • • • • • • • • • • • • • •	
CDD_CDDDataAccessBfr_Cnt_G_u16	0	0	~
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0]	0 18255	•	V
PXAccumPrev_Cnt_M_u32[0]		0	· ·
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1]	18255 18255	0 18255 18255	~
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2]	18255 18255 105757	0 18255 18255 105757	~
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	18255 18255 105757 480	0 18255 18255 105757 480	*
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value	18255 18255 105757 480 2.01503325	0 18255 18255 105757 480 2.01503325 ± 0.0625	· · ·
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value	18255 18255 105757 480 2.01503325 1.01503325	0 18255 18255 105757 480 2.01503325 ± 0.0625 1.01503325 ± 0.0625	· · · · · · · · · · · · · · · · · · ·
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value	18255 18255 105757 480 2.01503325 1.01503325 7901.77979	0 18255 18255 105757 480 2.01503325 ± 0.0625 1.01503325 ± 0.0625 7901.77979	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value	18255 18255 105757 480 2.01503325 1.01503325 7901.77979 0.369995117	0 18255 18255 105757 480 2.01503325 ± 0.0625 1.01503325 ± 0.0625 7901.77979 0.369995117	· · · · · · · · · · · · · · · · · · ·
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value	18255 18255 105757 480 2.01503325 1.01503325 7901.77979	0 18255 18255 105757 480 2.01503325 ± 0.0625 1.01503325 ± 0.0625 7901.77979	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value	18255 18255 105757 480 2.01503325 1.01503325 7901.77979 0.369995117	0 18255 18255 105757 480 2.01503325 ± 0.0625 1.01503325 ± 0.0625 7901.77979 0.369995117	· · · · · · · · · · · · · · · · · · ·
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value	18255 18255 105757 480 2.01503325 1.01503325 7901.77979 0.369995117 24248	0 18255 18255 105757 480 2.01503325 ± 0.0625 1.01503325 ± 0.0625 7901.77979 0.369995117 24248	· · · · · · · · · · · · · · · · · · ·
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CurmMechMtrPos_Rev_f32.value	18255 18255 105757 480 2.01503325 1.01503325 7901.77979 0.369995117 24248 0.0599975586	0 18255 18255 105757 480 2.01503325 ± 0.0625 1.01503325 ± 0.0625 7901.77979 0.369995117 24248 0.0599975586 ± 0.0625	· · · · · · · · · · · · · · · · · · ·
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value	18255 18255 105757 480 2.01503325 1.01503325 7901.77979 0.369995117 24248 0.0599975586 3039	0 18255 18255 105757 480 2.01503325 ± 0.0625 1.01503325 ± 0.0625 7901.77979 0.369995117 24248 0.0599975586 ± 0.0625 3039	· · · · · · · · · · · · · · · · · · ·
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value	18255 18255 105757 480 2.01503325 1.01503325 7901.77979 0.369995117 24248 0.0599975586 3039 168 4161	0 18255 18255 105757 480 2.01503325 ± 0.0625 1.01503325 ± 0.0625 7901.77979 0.369995117 24248 0.0599975586 ± 0.0625 3039 168 4161	· · · · · · · · · · · · · · · · · · ·
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value	18255 18255 105757 480 2.01503325 1.01503325 7901.77979 0.369995117 24248 0.0599975586 3039 168 4161 5470	0 18255 18255 105757 480 2.01503325 ± 0.0625 1.01503325 ± 0.0625 7901.77979 0.369995117 24248 0.0599975586 ± 0.0625 3039 168 4161 5470	· · · · · · · · · · · · · · · · · · ·
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value	18255 18255 105757 480 2.01503325 1.01503325 7901.77979 0.369995117 24248 0.0599975586 3039 168 4161 5470 158	0 18255 18255 105757 480 2.01503325 ± 0.0625 1.01503325 ± 0.0625 7901.77979 0.369995117 24248 0.0599975586 ± 0.0625 3039 168 4161 5470 158	· · · · · · · · · · · · · · · · · · ·
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Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Resu
CDDPorts ClearPhsReasSum	1	CDDPorts ClearPhsReasSum	1	

Test Step 2.95 (Repeat Count = 1)	Innut Value
Name CDD_CDDDataAcceseRfr_Cnt_G_u16	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16 CDD_CorrMtrCurrPosition_Rev_G_f32[0]	5624.16992
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	8088.27979
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	24248
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	24904
CDD_CumMechMtrPos_Rev_G_s15p16[0]	-4587
CDD_CumMechMtrPos_Rev_G_s15p16[1]	-5242
CDD_Die1RxError_Cnt_G_u16[0]	166
CDD_Die1RxError_Cnt_G_u16[1]	168
CDD_Die1RxMtrPos_Cnt_G_u16[0]	0
CDD_Die1RxMtrPos_Cnt_G_u16[1]	0
CDD_Die1RxRevCtr_Cnt_G_u16[0]	3204
CDD_Die1RxRevCtr_Cnt_G_u16[1]	4348
CDD_Die2RxError_Cnt_G_u16[0]	100
CDD_Die2RxError_Cnt_G_u16[1]	150
CDD_Die2RxMtrPos_Cnt_G_u16[0]	166
CDD_Die2RxMtrPos_Cnt_G_u16[1]	168
CDD_Die2RxRevCtr_Cnt_G_u16[0]	190
CDD_Die2RxRevCtr_Cnt_G_u16[1] CDD_MechMtrDoc1TimeStamp_uSec_G_u32[0]	192
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0] CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	206 256
CDD_MechMtrPos2TimeStamp_uSec_G_u32[1] CDD MechMtrPos2TimeStamp_uSec_G_u32[0]	3930
CDD_MechMtrPos2TimeStamp_uSec_G_u32[t]	5470
CDD_ModIdxFinal_Uls_G_u16p16[0]	43247
CDD_ModIdxFinal_Uls_G_u16p16[1]	43253
CDD_MtrCurr1_Volts_G_f32[0]	2.01095629
CDD_MtrCurr1_Volts_G_f32[1]	1.01095641
CDD_MtrCurr2_Volts_G_f32[0]	2.01095629
CDD_MtrCurr2_Volts_G_f32[1]	1.01095641
CDD_MtrCurrDax_Amp_G_f32[0]	-97.4800034
CDD_MtrCurrDax_Amp_G_f32[1]	-70.6900024
CDD_MtrCurrK1_Amps_G_f32[0]	39.4000015
CDD_MtrCurrK1_Amps_G_f32[1]	32.0499992
CDD_MtrCurrK2_Amps_G_f32[0]	-74
CDD_MtrCurrK2_Amps_G_f32[1]	-64
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	214.837006
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	215.839996
CDD_MtrCurrQax_Amp_G_f32[0]	147.304993
CDD_MtrCurrQax_Amp_G_f32[1]	158.048004
CDD_PWMDutyCycleASum_Cnt_G_u32[0]	1389
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	1543
CDD_PWMDutyCycleBSum_Cnt_G_u32[0] CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	246 536
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	6567
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	8910
CDD_PhaseAdvFinal_Cnt_G_u16[0]	126
CDD_PhaseAdvFinal_Cnt_G_u16[1]	156
CDD_RxMtrPos1ParityAccum_Cnt_G_u16[0]	3446
CDD_RxMtrPos1ParityAccum_Cnt_G_u16[1]	4722
CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[0]	3204
CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[1]	4348
CDD_SysCVSwitchADC_Cnt_G_u16[0]	254
CDD_SysCVSwitchADC_Cnt_G_u16[1]	592
CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[0]	0
CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[1]	25559
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	0
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	25559
PXAccumPrev_Cnt_M_u32[0]	7688
PXAccumPrev_Cnt_M_u32[1]	9097
PXAccumPrev_Cnt_M_u32[2]	51789
Rte_Inst_Sa_CDDInterface	tgt_Rte_Inst_Sa_CDDInterface
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	646047
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	545942
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	145949

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Name	Input Value		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr1_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_	_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr2_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32	tgt_CDDInterface_Per1_CorrMtrCurrPosition_	_Rev_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev	tgt_CDDInterface_Per1_CorrectedElecMtrPo	sFloat_Rev_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p	tgt CDDInterface Per1 CorrectedElecMtrPo	s Rev u0p16	
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 CumMechMtrPos Rev f32	tgt CDDInterface Per1 CumMechMtrPos R		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxError_Cnt_u16	tgt_CDDInterface_Per1_Die1RxError_Cnt_u1	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_	target_CDDInterface_Per1_Die1UnderVoltgF		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxMtrPos_Cnt_u16	tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxRevCtr_Cnt_u16	tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxError_Cnt_u16	tgt_CDDInterface_Per1_Die2RxError_Cnt_u1	16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxMtrPos_Cnt_u16	tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_	u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxRevCtr_Cnt_u16	tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_	u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeA_	Cnt_u32	
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 ExpectedOnTimeB Cnt u32	tgt_CDDInterface_Per1_ExpectedOnTimeB_	Cnt u32	
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 ExpectedOnTimeC Cnt u32	tgt CDDInterface Per1 ExpectedOnTimeC	Cnt u32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_LRPRPhaseadvanceCaptured_	tgt_CDDInterface_Per1_LRPRPhaseadvance	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeA_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32	tgt CDDInterface Per1 MeasuredOnTimeB	_	
		-	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeC_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MechMtrPos1TimeStamp_USer		·	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MechMtrPos2TimeStamp_USer			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ModIdxFinal_Uls_f32	tgt_CDDInterface_Per1_ModIdxFinal_Uls_f32	2	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrDax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrDax_Amp_f3	2	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK1_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32	!	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK2_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32	tgt_CDDInterface_Per1_MtrCurrQaxFinalRef		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrQax_Amp_f3		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCVSwitchADC_Cnt_u16	tgt_CDDInterface_Per1_SysCVSwitchADC_C	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCorrectedElecMtrPos_Rev_	tgt_CDDInterface_Per1_SysCorrectedElecMt		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_UncorrMechMtrPos1_Rev_u0p	tgt_CDDInterface_Per1_UncorrMechMtrPos1	_Rev_u0p16	
Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	0	0	~
	0 80755	0 80755	V
PXAccumPrev_Cnt_M_u32[0]	80755	80755	*
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1]	80755 68242	80755 68242	~
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2]	80755 68242 18243	80755 68242 18243	~
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	80755 68242 18243 4348	80755 68242 18243 4348	*
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value	80755 68242 18243 4348 1.01095641	80755 68242 18243 4348 1.01095641 ± 0.0625	\rightarrow \right
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value	80755 68242 18243 4348 1.01095641 1.01095641	80755 68242 18243 4348 1.01095641 ± 0.0625 1.01095641 ± 0.0625	· · · · · · · · · · · · · · · · · · ·
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value	80755 68242 18243 4348 1.01095641 1.01095641 8088.27979	80755 68242 18243 4348 1.01095641 ± 0.0625 1.01095641 ± 0.0625 8088.27979	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value	80755 68242 18243 4348 1.01095641 1.01095641	80755 68242 18243 4348 1.01095641 ± 0.0625 1.01095641 ± 0.0625	· · · · · · · · · · · · · · · · · · ·
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value	80755 68242 18243 4348 1.01095641 1.01095641 8088.27979	80755 68242 18243 4348 1.01095641 ± 0.0625 1.01095641 ± 0.0625 8088.27979	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value	80755 68242 18243 4348 1.01095641 1.01095641 8088.27979 0.380004883	80755 68242 18243 4348 1.01095641 ± 0.0625 1.01095641 ± 0.0625 8088.27979 0.380004883	· · · · · · · · · · · · · · · · · · ·
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value	80755 68242 18243 4348 1.01095641 1.01095641 8088.27979 0.380004883 24904	80755 68242 18243 4348 1.01095641 ± 0.0625 1.01095641 ± 0.0625 8088.27979 0.380004883 24904	· · · · · · · · · · · · · · · · · · ·
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value	80755 68242 18243 4348 1.01095641 1.01095641 8088.27979 0.380004883 24904 -0.0799865723	80755 68242 18243 4348 1.01095641 ± 0.0625 1.01095641 ± 0.0625 8088.27979 0.380004883 24904 -0.0800018311 ± 0.0625	· · · · · · · · · · · · · · · · · · ·
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value	80755 68242 18243 4348 1.01095641 1.01095641 8088.27979 0.380004883 24904 -0.0799865723 168	80755 68242 18243 4348 1.01095641 ± 0.0625 1.01095641 ± 0.0625 8088.27979 0.380004883 24904 -0.0800018311 ± 0.0625 168	· · · · · · · · · · · · · · · · · · ·
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value	80755 68242 18243 4348 1.01095641 1.01095641 8088.27979 0.380004883 24904 -0.0799865723 168 0	80755 68242 18243 4348 1.01095641 ± 0.0625 1.01095641 ± 0.0625 8088.27979 0.380004883 24904 -0.0800018311 ± 0.0625 168 0 4348	· · · · · · · · · · · · · · · · · · ·
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value	80755 68242 18243 4348 1.01095641 1.01095641 8088.27979 0.380004883 24904 -0.0799865723 168 0 4348	80755 68242 18243 4348 1.01095641 ± 0.0625 1.01095641 ± 0.0625 8088.27979 0.380004883 24904 -0.0800018311 ± 0.0625 168 0 4348 150	· · · · · · · · · · · · · · · · · · ·
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value	80755 68242 18243 4348 1.01095641 1.01095641 8088.27979 0.380004883 24904 -0.0799865723 168 0 4348 150 168	80755 68242 18243 4348 1.01095641 ± 0.0625 1.01095641 ± 0.0625 8088.27979 0.380004883 24904 -0.0800018311 ± 0.0625 168 0 4348 150 168	· · · · · · · · · · · · · · · · · · ·
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value	80755 68242 18243 4348 1.01095641 1.01095641 8088.27979 0.380004883 24904 -0.0799865723 168 0 4348 150 168 192	80755 68242 18243 4348 1.01095641 ± 0.0625 1.01095641 ± 0.0625 8088.27979 0.380004883 24904 -0.0800018311 ± 0.0625 168 0 4348 150 168 192	· · · · · · · · · · · · · · · · · · ·
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PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeS_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeS_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeS_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_FinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_FinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_FinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_FinalRef_Amp_f32.value	80755 68242 18243 4348 1.01095641 1.01095641 8088.27979 0.38000483 24904 -0.0799865723 168 0 4348 150 168 192 1543 536 8910 14 73067 59145 536837366 256 5470 0.659988403 -70.6900024 32.0499992 -64 215.839996 158.048004 4722	80755 68242 18243 4348 1.01095641 ± 0.0625 1.01095641 ± 0.0625 8088.27979 0.38004883 24904 -0.0800018311 ± 0.0625 168 0 4348 150 168 192 1543 536 8910 14 73067 59145 536837366 256 5470 0.660003662 ± 0.0625 -70.6900024 32.0499992 -64 215.839996 158.048004 4722	· · · · · · · · · · · · · · · · · · ·
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeoMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MeoMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MetCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_FinaRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_FinaRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_FinaRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_FinaRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_FinaRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_FinaRef_Amp_f32.value	80755 68242 18243 4348 1.01095641 1.01095641 8088.27979 0.38000483 24904 -0.0799865723 168 0 4348 150 168 192 1543 536 8910 14 73067 59145 536837366 256 5470 0.659988403 -70.6900024 32.0499992 -64 215.839996 158.048004 4722 592	80755 68242 18243 4348 1.01095641 ± 0.0625 1.01095641 ± 0.0625 8088.27979 0.38004883 24904 -0.0800018311 ± 0.0625 168 0 4348 150 168 192 1543 536 8910 14 73067 59145 536837366 256 5470 0.660003662 ± 0.0625 -70.6900024 32.0499992 -64 215.839996 158.048004 4722 592	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeS_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeS_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeS_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_FinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_FinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_FinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_FinalRef_Amp_f32.value	80755 68242 18243 4348 1.01095641 1.01095641 8088.27979 0.38000483 24904 -0.0799865723 168 0 4348 150 168 192 1543 536 8910 14 73067 59145 536837366 256 5470 0.659988403 -70.6900024 32.0499992 -64 215.839996 158.048004 4722	80755 68242 18243 4348 1.01095641 ± 0.0625 1.01095641 ± 0.0625 8088.27979 0.38004883 24904 -0.0800018311 ± 0.0625 168 0 4348 150 168 192 1543 536 8910 14 73067 59145 536837366 256 5470 0.660003662 ± 0.0625 -70.6900024 32.0499992 -64 215.839996 158.048004 4722	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \



Test Step Call Trace			✓	
Actual Function	Count	Expected Function	Count	Result
CDDPorts_ClearPhsReasSum	1	CDDPorts_ClearPhsReasSum	1	~

Test Step 2.96 (Repeat Count = 1)	✓
Name	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16	0
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	5745.14014
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	8275.25
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	0
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	25559
CDD_CumMechMtrPos_Rev_G_s15p16[0]	5898
CDD_CumMechMtrPos_Rev_G_s15p16[1]	655
CDD_Die1RxError_Cnt_G_u16[0] CDD_Die1RxError_Cnt_G_u46[4]	174 176
CDD_Die1RxError_Cnt_G_u16[1] CDD_Die1RxMtrPos_Cnt_G_u16[0]	65535
CDD_Die1RxMtrPos_Cnt_G_u16[1]	65535
CDD_Die1RxRevCtr_Cnt_G_u16[0]	3325
CDD_Die1RxRevCtr_Cnt_G_u16[1]	4535
CDD_Die2RxError_Cnt_G_u16[0]	126
CDD_Die2RxError_Cnt_G_u16[1]	156
CDD_Die2RxMtrPos_Cnt_G_u16[0]	174
CDD_Die2RxMtrPos_Cnt_G_u16[1]	176
CDD_Die2RxRevCtr_Cnt_G_u16[0]	198
CDD_Die2RxRevCtr_Cnt_G_u16[1]	200
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	5866
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	8462
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0]	100
CDD_MechMtrPos2TimeStamp_uSec_G_u32[1]	150 8152
CDD_ModldxFinal_Uls_G_u16p16[0] CDD_ModldxFinal_Uls_G_u16p16[1]	8159
CDD MtrCurr1 Volts G f32[0]	0.0155427996
CDD_MtrCurr1_Volts_G_f32[1]	4.01554298
CDD_MtrCurr2_Volts_G_f32[0]	0.0155427996
CDD_MtrCurr2_Volts_G_f32[1]	4.01554298
CDD_MtrCurrDax_Amp_G_f32[0]	-118.010002
CDD_MtrCurrDax_Amp_G_f32[1]	-85.8000031
CDD_MtrCurrK1_Amps_G_f32[0]	-87.8199997
CDD_MtrCurrK1_Amps_G_f32[1]	-69.1600037
CDD_MtrCurrK2_Amps_G_f32[0]	75.5
CDD_MtrCurrK2_Amps_G_f32[1]	83.8000031
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	10.25
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1] CDD_MtrCurrQax_Amp_G_f32[0]	15.3599997 -181.828003
CDD_MtrCurrQax_Amp_G_f32[1]	-170.824997
CDD PWMDutyCycleASum Cnt G u32[0]	1510
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	1730
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	254
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	592
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	7688
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	9097
CDD_PhaseAdvFinal_Cnt_G_u16[0]	134
CDD_PhaseAdvFinal_Cnt_G_u16[1]	157
CDD_RxMtrPos1ParityAccum_Cnt_G_u16[0]	3567
CDD_RxMtrPos1ParityAccum_Cnt_G_u16[1]	4909
CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[0]	3325
CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[1]	4535
CDD_SysCVSwitchADC_Cnt_G_u16[0] CDD_SysCVSwitchADC_Cnt_G_u16[1]	262 648
CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[0]	0
CDD SysCorrectedElecMtrPos Rev G u0p16[1]	26214
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	0
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	26214
PXAccumPrev_Cnt_M_u32[0]	4656
PXAccumPrev_Cnt_M_u32[1]	6592
PXAccumPrev_Cnt_M_u32[2]	53014
Rte_Inst_Sa_CDDInterface	tgt_Rte_Inst_Sa_CDDInterface
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	146054
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	145949
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	145956

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Name	Input Value		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr1_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr1_Volts	_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr2_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr2_Volts	_f32	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32$	tgt_CDDInterface_Per1_CorrMtrCurrPosition	_Rev_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CumMechMtrPos_Rev_f32	tgt_CDDInterface_Per1_CumMechMtrPos_R	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxError_Cnt_u16 tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_	tgt_CDDInterface_Per1_Die1RxError_Cnt_u' target_CDDInterface_Per1_Die1UnderVoltgF		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxMtrPos_Cnt_u16	tgt CDDInterface Per1 Die1RxMtrPos Cnt		
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 Die1RxRevCtr Cnt u16	tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxError_Cnt_u16	tgt_CDDInterface_Per1_Die2RxError_Cnt_u		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxMtrPos_Cnt_u16	tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_	u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxRevCtr_Cnt_u16	tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_	u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeA_	Cnt_u32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeB_	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeC_	-	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_LRPRPhaseadvanceCaptured_	tgt_CDDInterface_Per1_LRPRPhaseadvance		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32 tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeA_	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeD_Cin_u32	tgt_CDDInterface_Per1_MeasuredOnTimeB_ tgt_CDDInterface_Per1_MeasuredOnTimeC		
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 MechMtrPos1TimeStamp USe			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MechMtrPos2TimeStamp_USe			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ModIdxFinal_UIs_f32	tgt_CDDInterface_Per1_ModIdxFinal_Uls_f3:		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrDax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrDax_Amp_f3		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK1_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32	2	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK2_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32	2	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32$	tgt_CDDInterface_Per1_MtrCurrQaxFinalRef	_Amp_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrQax_Amp_f3		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCVSwitchADC_Cnt_u16	tgt_CDDInterface_Per1_SysCVSwitchADC_0	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCorrectedElecMtrPos_Rev_	tgt_CDDInterface_Per1_SysCorrectedElecMi		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_UncorrMechMtrPos1_Rev_u0p	tgt_CDDInterface_Per1_UncorrMechMtrPos1 Actual Value	Expected Value	Result
Name CDD_CDDDataAccessBfr_Cnt_G_u16	1	1	Result
CDD_CDDDataAccessBii_Clit_G_u10	!	•	_
PXAccumPrey Cnt M u32f01	18256	18256	✓
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1]	18256 18243	18256 18243	*
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2]	18256 18243 18244	18256 18243 18244	
PXAccumPrev_Cnt_M_u32[1]	18243	18243	~
PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2]	18243 18244	18243 18244	~
PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	18243 18244 3325	18243 18244 3325	· · · · · · · · · · · · · · · · · · ·
PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value	18243 18244 3325 0.0155427996 0.0155427996 5745.14014	18243 18244 3325 0.0155427996 ± 0.0625 0.0155427996 ± 0.0625 5745.14014	· · · · · · · · · · · · · · · · · · ·
PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value	18243 18244 3325 0.0155427996 0.0155427996 5745.14014 0	18243 18244 3325 0.0155427996 ± 0.0625 0.0155427996 ± 0.0625 5745.14014	· · · · · · · · · · · · · · · · · · ·
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PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value	18243 18244 3325 0.0155427996 0.0155427996 5745.14014 0 0 0.0899963379 174 65535	18243 18244 3325 0.0155427996 ± 0.0625 0.0155427996 ± 0.0625 5745.14014 0 0 0.0899963379 ± 0.0625 174 65535	· · · · · · · · · · · · · · · · · · ·
PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value	18243 18244 3325 0.0155427996 0.0155427996 5745.14014 0 0 0.0899963379 174	18243 18244 3325 0.0155427996 ± 0.0625 0.0155427996 ± 0.0625 5745.14014 0 0 0.0899963379 ± 0.0625 174	· · · · · · · · · · · · · · · · · · ·
PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value	18243 18244 3325 0.0155427996 0.0155427996 5745.14014 0 0 0.0899963379 174 65535 3325	18243 18244 3325 0.0155427996 ± 0.0625 0.0155427996 ± 0.0625 5745.14014 0 0 0.0899963379 ± 0.0625 174 65535 3325	· · · · · · · · · · · · · · · · · · ·
PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value	18243 18244 3325 0.0155427996 0.0155427996 5745.14014 0 0 0.0899963379 174 65535 3325 126	18243 18244 3325 0.0155427996 ± 0.0625 0.0155427996 ± 0.0625 5745.14014 0 0 0.0899963379 ± 0.0625 174 65535 3325 126	***************************************
PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value	18243 18244 3325 0.0155427996 0.0155427996 5745.14014 0 0 0.0899963379 174 65535 3325 126 174	18243 18244 3325 0.0155427996 ± 0.0625 0.0155427996 ± 0.0625 5745.14014 0 0 0.0899963379 ± 0.0625 174 65535 3325 126 174	***************************************
PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value	18243 18244 3325 0.0155427996 0.0155427996 5745.14014 0 0 0.0899963379 174 65535 3325 126 174 198	18243 18244 3325 0.0155427996 ± 0.0625 0.0155427996 ± 0.0625 5745.14014 0 0 0.0899963379 ± 0.0625 174 65535 3325 126 174 198	***************************************
PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value	18243 18244 3325 0.0155427996 0.0155427996 5745.14014 0 0 0.0899963379 174 65535 3325 126 174 198 1510 254 7688	18243 18244 3325 0.0155427996 ± 0.0625 0.0155427996 ± 0.0625 5745.14014 0 0 0.0899963379 ± 0.0625 174 65535 3325 126 174 198 1510 254 7688	***************************************
PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxEvCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value	18243 18244 3325 0.0155427996 0.0155427996 5745.14014 0 0 0.0899963379 174 65535 3325 126 174 198 1510 254 7688 12	18243 18244 3325 0.0155427996 ± 0.0625 0.0155427996 ± 0.0625 5745.14014 0 0 0.0899963379 ± 0.0625 174 65535 3325 126 174 198 1510 254 7688 12	***************************************
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PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeS_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeS_Cnt_u32.value tgt_CDDInterface_Per1_MeoldxFinal_Uls_f32.value tgt_CDDInterface_Per1_MeoldxFinal_Uls_f32.value tgt_CDDInterface_Per1_MeoldxFinal_Uls_f32.value tgt_CDDInterface_Per1_McUrrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_FinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_FinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value	18243 18244 3325 0.0155427996 0.0155427996 5745.14014 0 0 0 0.0899963379 174 65535 3325 126 174 198 1510 254 7688 12 13600 11651 536836142 5866 100 0.124389648 -118.010002 -87.8199997 75.5 10.25 -181.828003 3567	18243 18244 3325 0.0155427996 ± 0.0625 0.0155427996 ± 0.0625 5745.14014 0 0 0.0899963379 ± 0.0625 174 65535 3325 126 174 198 1510 254 7688 12 13600 11651 536836142 5866 100 0.124404907 ± 0.0625 -118.010002 -87.8199997 75.5 10.25 -181.828003 3567	
PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeoMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MeoMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MecMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MtrCurrR1_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrR2_Amp_f32.value	18243 18244 3325 0.0155427996 0.0155427996 5745.14014 0 0 0.0899963379 174 65535 3325 126 174 198 1510 254 7688 12 13600 11651 536836142 5866 100 0.124389648 -118.010002 -87.8199997 75.5 10.25 -181.828003 3567 262	18243 18244 3325 0.0155427996 ± 0.0625 0.0155427996 ± 0.0625 5745.14014 0 0 0.0899963379 ± 0.0625 174 65535 3325 126 174 198 1510 254 7688 12 13600 11651 536836142 5866 100 0.124404907 ± 0.0625 -118.010002 -87.8199997 75.5 10.25 -181.828003 3567 262	
PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeS_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeS_Cnt_u32.value tgt_CDDInterface_Per1_MeoldxFinal_Uls_f32.value tgt_CDDInterface_Per1_MeoldxFinal_Uls_f32.value tgt_CDDInterface_Per1_MeoldxFinal_Uls_f32.value tgt_CDDInterface_Per1_McUrrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_FinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_FinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value	18243 18244 3325 0.0155427996 0.0155427996 5745.14014 0 0 0 0.0899963379 174 65535 3325 126 174 198 1510 254 7688 12 13600 11651 536836142 5866 100 0.124389648 -118.010002 -87.8199997 75.5 10.25 -181.828003 3567	18243 18244 3325 0.0155427996 ± 0.0625 0.0155427996 ± 0.0625 5745.14014 0 0 0.0899963379 ± 0.0625 174 65535 3325 126 174 198 1510 254 7688 12 13600 11651 536836142 5866 100 0.124404907 ± 0.0625 -118.010002 -87.8199997 75.5 10.25 -181.828003 3567	





Test Step Call Trace			✓	
Actual Function	Count	Expected Function	Count	Result
CDDPorts_ClearPhsReasSum	1	CDDPorts_ClearPhsReasSum	1	~

Input Value 1
5628.27979 8097.25 0 26214 -7208 -7864 182 184 5503 7901
8097.25 0 26214 -7208 -7864 182 184 5503 7901
0 26214 -7208 -7864 182 184 5503 7901
26214 -7208 -7864 182 184 5503 7901 3930
-7208 -7864 182 184 5503 7901
-7864 182 184 5503 7901 3930
182 184 5503 7901 3930
184 5503 7901 3930
5503 7901 3930
7901 3930
3930
2357
3039
100
150
3083
4161
5987
8649
126 156
16161
16167
1.01579762
2.01579762
1.01579762
2.01579762
100.910004
138.539993
70.8300018
90.5599976
50
60
25.3600006
35.8899994 194.345001
205.608002
1631
1917
262
648
4656
6592
142
158
3688
5096
3930
5470
270 704
704 26214
26870
26214
26870
4777
6779
54239
tgt_Rte_Inst_Sa_CDDInterface
846061
145956 645963

2015-02-18, 15:41:12+0530



Name	Input Value		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr1_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr1_Volts	f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr2_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr2_Volts		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32	tgt_CDDInterface_Per1_CorrMtrCurrPosition	_ _Rev_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev	tgt_CDDInterface_Per1_CorrectedElecMtrPc	psFloat_Rev_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p	tgt_CDDInterface_Per1_CorrectedElecMtrPc	os_Rev_u0p16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CumMechMtrPos_Rev_f32	tgt_CDDInterface_Per1_CumMechMtrPos_R	Rev_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxError_Cnt_u16	tgt_CDDInterface_Per1_Die1RxError_Cnt_u	16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_	target_CDDInterface_Per1_Die1UnderVoltgF		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxMtrPos_Cnt_u16	tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxRevCtr_Cnt_u16	tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxError_Cnt_u16	tgt_CDDInterface_Per1_Die2RxError_Cnt_u		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxMtrPos_Cnt_u16	tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxRevCtr_Cnt_u16 tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32	tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_ tgt_CDDInterface_Per1_ExpectedOnTimeA_		
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 ExpectedOnTimeB Cnt u32	tgt_CDDInterface_Per1_ExpectedOnTimeA_	_	
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 ExpectedOnTimeC Cnt u32	tgt CDDInterface Per1 ExpectedOnTimeC		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_LRPRPhaseadvanceCaptured_	tgt_CDDInterface_Per1_LRPRPhaseadvance	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeA_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeB		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeC		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MechMtrPos1TimeStamp_USe	tgt_CDDInterface_Per1_MechMtrPos1TimeS	Stamp_USec_u32	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MechMtrPos2TimeStamp_USerserserserserserserserserserserserserse$	tgt_CDDInterface_Per1_MechMtrPos2TimeS	Stamp_USec_u32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ModIdxFinal_UIs_f32	tgt_CDDInterface_Per1_ModIdxFinal_Uls_f3	2	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrDax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrDax_Amp_f3	32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK1_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32	2	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK2_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32	tgt_CDDInterface_Per1_MtrCurrQaxFinalRef		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrQax_Amp_f3		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCVSwitchADC_Cnt_u16	tgt_CDDInterface_Per1_SysCVSwitchADC_0	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCorrectedElecMtrPos_Rev_			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_UncorrMechMtrPos1_Rev_u0p			Daguilé
Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	0	0	~
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1]	105757 18244	105757 18244	Ž
PXAccumPrev_Cnt_M_u32[2]	80745	80745	✓
target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	5470	5470	-
tgt CDDInterface Per1 ADCMtrCurr1 Volts f32.value	2.01579762	2.01579762 ± 0.0625	•
tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value	2.01579762	2.01579762 ± 0.0625	~
tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value	8097.25	8097.25	~
tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value	0.399993896	0.399993896	~
tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value	26214	26214	~
tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value	-0.119995117	-0.119995117 ± 0.0625	~
tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value	184	184	~
tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value	7901	7901	~
tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value	5470	5470	✓
tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value	3039	3039	•
tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value	150	150	~
tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value	4161	4161	•
tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value	1917	1917	•
tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value	648 6592	648 6592	~
tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value	14	14	~
tgt_CDDInterface_Per1_LRPRPriaseadvanceCaptured_Cnt_s16.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value	100980	100980	-
tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value	11465	11465	-
tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value	26506	26506	✓
tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value	8649	8649	-
tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value	156	156	•
tgt_CDDInterface_Per1_ModIdxFinal_UIs_f32.value	0.246688843	0.246704102 ± 0.0625	~
tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value	138.539993	138.539993	✓
tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32.value	130.339993		-
	90.5599976	90.5599976	1
tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value		90.5599976 60	•
	90.5599976		•
tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value	90.5599976 60 35.8899994 205.608002	60 35.8899994 205.608002	<i>y</i>
tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u16.value	90.5599976 60 35.8899994 205.608002 5096	60 35.8899994 205.608002 5096	~
tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u16.value tgt_CDDInterface_Per1_SysCVSwitchADC_Cnt_u16.value	90.5599976 60 35.8899994 205.608002 5096 704	60 35.8899994 205.608002 5096 704	~
tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u16.value	90.5599976 60 35.8899994 205.608002 5096	60 35.8899994 205.608002 5096	V





Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
CDDPorts_ClearPhsReasSum	1	CDDPorts_ClearPhsReasSum	1	~

Test Step 2.98 (Repeat Count = 1) Name	
CDD_CDDDataAccessBfr_Cnt_G_u16 1 CDD_CorrMtrCurrPosition_Rev_G_f32[0] 2599.28003 CDD_CorrMtrCurrPosition_Rev_G_f32[1] 3413.25 CDD_CorrectedElecMtrPos_Rev_G_u0p16[0] 26214 CDD_CorrectedElecMtrPos_Rev_G_u0p16[1] 26870 CDD_CumMechMtrPos_Rev_G_s15p16[0] 8519 CDD_CumMechMtrPos_Rev_G_s15p16[1] 9175 CDD_Die1RxError_Cnt_G_u16[0] 190 CDD_Die1RxError_Cnt_G_u16[1] 192	
CDD_CorrMtrCurrPosition_Rev_G_f32[1] 3413.25 CDD_CorrectedElecMtrPos_Rev_G_u0p16[0] 26214 CDD_CorrectedElecMtrPos_Rev_G_u0p16[1] 26870 CDD_CumMechMtrPos_Rev_G_s15p16[0] 8519 CDD_CumMechMtrPos_Rev_G_s15p16[1] 9175 CDD_Die1RxError_Cnt_G_u16[0] 190 CDD_Die1RxError_Cnt_G_u16[1] 192	
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0] 26214 CDD_CorrectedElecMtrPos_Rev_G_u0p16[1] 26870 CDD_CumMechMtrPos_Rev_G_s15p16[0] 8519 CDD_CumMechMtrPos_Rev_G_s15p16[1] 9175 CDD_Die1RxError_Cnt_G_u16[0] 190 CDD_Die1RxError_Cnt_G_u16[1] 192	
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1] 26870 CDD_CumMechMtrPos_Rev_G_s15p16[0] 8519 CDD_CumMechMtrPos_Rev_G_s15p16[1] 9175 CDD_Die1RxError_Cnt_G_u16[0] 190 CDD_Die1RxError_Cnt_G_u16[1] 192	
CDD_CumMechMtrPos_Rev_G_s15p16[0] 8519 CDD_CumMechMtrPos_Rev_G_s15p16[1] 9175 CDD_Die1RxError_Cnt_G_u16[0] 190 CDD_Die1RxError_Cnt_G_u16[1] 192	
CDD_CumMechMtrPos_Rev_G_s15p16[1] 9175 CDD_Die1RxError_Cnt_G_u16[0] 190 CDD_Die1RxError_Cnt_G_u16[1] 192	
CDD_Die1RxError_Cnt_G_u16[0] 190 CDD_Die1RxError_Cnt_G_u16[1] 192	
CDD_Die1RxError_Cnt_G_u16[1] 192	
CDD_Die1RxMtrPos_Cnt_G_u16[0] 190	
CDD_Die1RxMtrPos_Cnt_G_u16[1] 192	
CDD_Die1RxRevCtr_Cnt_G_u16[0] 100	
CDD_Die1RxRevCtr_Cnt_G_u16[1] 150	
CDD_Die2RxError_Cnt_G_u16[0] 166	
CDD_Die2RxError_Cnt_G_u16[1] 168	
CDD_Die2RxMtrPos_Cnt_G_u16[0] 0	
CDD_Die2RxMtrPos_Cnt_G_u16[1] 0	
CDD_Die2RxRevCtr_Cnt_G_u16[0] 3204	
CDD_Die2RxRevCtr_Cnt_G_u16[1] 4348	
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0] 6108	
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1] 8836	
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0] 2357	
CDD_MechMtrPos2TimeStamp_uSec_G_u32[1] 3039 CDD ModldxFinal Uls G u16p16[0] 20532	
CDD_ModIdxFinal_Uls_G_u16p16[0] 20532 CDD_ModIdxFinal_Uls_G_u16p16[1] 20538	
CDD MtrCurr1 Volts G f32[0] 1.01605237	
CDD_MtrCurr1_Volts_G_f32[1] 2.01605248	
CDD_MtrCurr2_Volts_G_f32[0] 1.01605237	
CDD_MtrCurr2_Volts_G_f32[1] 2.01605248	
CDD_MtrCurrDax_Amp_G_f32[0] 116.019997	
CDD_MtrCurrDax_Amp_G_f32[1] 159.070007	
CDD_MtrCurrK1_Amps_G_f32[0] 72.5	
CDD_MtrCurrK1_Amps_G_f32[1] 93.2900009	
CDD_MtrCurrK2_Amps_G_f32[0] 55.7999992	
CDD_MtrCurrK2_Amps_G_f32[1] 65.9000015	
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0] 40.4700012	
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1] 56.4199982	
CDD_MtrCurrQax_Amp_G_f32[0]	
CDD_MtrCurrQax_Amp_G_f32[1] 130.934006 CDD PWMDutyCycleASum Cnt G u32[0] 1752	
CDD_PWMDutyCycleAsum_Cnt_G_u32[1] 2104	
CDD_PWMDutyCycleBSum_Cnt_G_u32[0] 270	
CDD_PWMDutyCycleBSum_Cnt_G_u32[1] 704	
CDD_PWMDutyCycleCSum_Cnt_G_u32[0] 4777	
CDD_PWMDutyCycleCSum_Cnt_G_u32[1] 6779	
CDD_PhaseAdvFinal_Cnt_G_u16[0] 150	
CDD_PhaseAdvFinal_Cnt_G_u16[1] 159	
CDD_RxMtrPos1ParityAccum_Cnt_G_u16[0] 3809	
CDD_RxMtrPos1ParityAccum_Cnt_G_u16[1] 5283	
CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[0] 100	
CDD_RxMtrPos1UnderVoltgFitAccum_Cnt_u16[1] 150	
CDD_SysCVSwitchADC_Cnt_G_u16[0] 6567 CDD_SysCVSwitchADC_Cnt_G_u16[0] 9040	
CDD_SysCVSwitchADC_Cnt_G_u16[1] 8910 CDD_SysCvSwitchADC_Cnt_G_u16[1] 0	
CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[0] 0 CDD SysCorrectedElecMtrPos Rev G u0p16[1] 27525	
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0] 0	
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1] 27525	
PXAccumPrev_Cnt_M_u32[0] 4898	
PXAccumPrev_Cnt_M_u32[1] 6966	
PXAccumPrev_Cnt_M_u32[2] 55464	
Rte_Inst_Sa_CDDInterface tgt_Rte_Inst_Sa_CDDInterface	
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word 545942	
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word 645963	
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word 145970	

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Name	Input Value			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr1_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr1_Volts	_f32		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr2_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32			
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32$	tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPosFloat_Re				
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0				
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CumMechMtrPos_Rev_f32	tgt_CDDInterface_Per1_CumMechMtrPos_R	-		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxError_Cnt_u16 tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_	tgt_CDDInterface_Per1_Die1RxError_Cnt_u target_CDDInterface_Per1_Die1UnderVoltgF			
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 Die1RxMtrPos Cnt u16	tgt CDDInterface Per1 Die1RxMtrPos Cnt			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxRevCtr_Cnt_u16	tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_	_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxError_Cnt_u16	tgt_CDDInterface_Per1_Die2RxError_Cnt_u			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxMtrPos_Cnt_u16	tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_	_u16		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxRevCtr_Cnt_u16	tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_	_u16		
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32$	tgt_CDDInterface_Per1_ExpectedOnTimeA_	tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeB_	· -		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_LRPRPhaseadvanceCaptured_	tgt_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32 tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeA_ tgt_CDDInterface_Per1_MeasuredOnTimeB	_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeC			
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 MechMtrPos1TimeStamp USe				
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MechMtrPos2TimeStamp_USe				
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ModIdxFinal_Uls_f32	tgt_CDDInterface_Per1_ModIdxFinal_Uls_f3			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrDax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrDax_Amp_f3	32		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK1_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32	2		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK2_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32	2		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32	tgt_CDDInterface_Per1_MtrCurrQaxFinalRef	tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrQax_Amp_f3			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u				
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCVSwitchADC_Cnt_u16	tgt_CDDInterface_Per1_SysCVSwitchADC_0	_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCorrectedElecMtrPos_Rev_u0pt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_UncorrMechMtrPos1_Rev_u0pt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_UncorrMechMtrPos1_Rev_u0pt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_UncorrMechMtrPos1_Rev_u0pt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_UncorrMechMtrPos1_Rev_u0pt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_UncorrMechMtrPos1_Rev_u0pt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_UncorrMechMtrPos1_Rev_u0pt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_UncorrMechMtrPos1_Rev_u0pt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_UncorrMechMtrPos1_Rev_u0pt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_UncorrMechMtrPos1_Rev_u0pt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_UncorrMechMtrPos1_Rev_u0pt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_UncorrMechMtrPos1_Rev_u0pt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_UncorrMechMtrPos1_Rev_u0pt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_UncorrMechMtrPos1_Rev_u0pt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_UncorrMechMtrPos1_Rev_u0pt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_UncorrMechMtrPos1_Rev_u0pt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_UncorrMechMtrPos1_Rev_u0pt_Rte_Inst_Sa_CDInterface.CDDInterface_Per1_UncorrMechMtrPos1_Rev_u0pt_Rte_Inst_Sa_CDInterface.CDDInterface.				
Name	Actual Value	Expected Value	Result	
CDD_CDDDataAccessBfr_Cnt_G_u16	0	0	Kesuit	
PXAccumPrev Cnt M u32[0]	68242	68242	~	
PXAccumPrev_Cnt_M_u32[1]	80745	80745	~	
PXAccumPrev_Cnt_M_u32[2]	18246	18246	~	
target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	150	150	~	
tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value	2.01605248	2.01605248 ± 0.0625	~	
tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value	2.01605248	2.01605248 ± 0.0625	~	
tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value	3413.25	3413.25	~	
tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value	0.410003662	0.410003662	~	
tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value	26870 0.13999939	26870 0.13999939 ± 0.0625		
tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value	192	192	~	
tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value	192	192	~	
tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value	150	150	✓	
tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value	168	168	~	
tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value	0	0	~	
tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value	4348	4348	~	
tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value	2104	2104	•	
tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value	704	704		
tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value	6779	6779	~	
tgt_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value	14 63344	14 63344	~	
tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_us2.value	73779	73779		
tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value	536833694	536833694	~	
tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value	8836	8836	•	
tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value	3039	3039	~	
tgt_CDDInterface_Per1_ModIdxFinal_Uls_f32.value	0.31338501	0.313400269 ± 0.0625	~	
tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value	0.01000001			
tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32.value	159.070007	159.070007	~	
tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value	159.070007 93.2900009	159.070007 93.2900009	~	
	159.070007 93.2900009 65.9000015	159.070007 93.2900009 65.9000015	~	
tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value	159.070007 93.2900009 65.9000015 56.4199982	159.070007 93.2900009 65.9000015 56.4199982	\rightarrow \frac{1}{\rightarrow}	
tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value	159.070007 93.2900009 65.9000015 56.4199982 130.934006	159.070007 93.2900009 65.9000015 56.4199982 130.934006	· · · · · · · · · · · · · · · · · · ·	
tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u16.value	159.070007 93.2900009 65.9000015 56.4199982 130.934006 5283	159.070007 93.2900009 65.9000015 56.4199982 130.934006 5283	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	
tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u16.value tgt_CDDInterface_Per1_SysCVSwitchADC_Cnt_u16.value	159.070007 93.2900009 65.9000015 56.4199982 130.934006 5283 8910	159.070007 93.2900009 65.9000015 56.4199982 130.934006 5283 8910	· · · · · · · · · · · · · · · · · · ·	
tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u16.value	159.070007 93.2900009 65.9000015 56.4199982 130.934006 5283	159.070007 93.2900009 65.9000015 56.4199982 130.934006 5283	· · · · · · · · · · · · · · · · · · ·	





Test Step Call Trace			✓	
Actual Function	Count	Expected Function	Count	Result
CDDPorts_ClearPhsReasSum	1	CDDPorts_ClearPhsReasSum	1	~

Test Step 2.99 (Repeat Count = 1)	→
Name	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16	0
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	2720.28003
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	3600.28003
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	0
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	27525
CDD_CumMechMtrPos_Rev_G_s15p16[0]	-9830
CDD_CumMechMtrPos_Rev_G_s15p16[1]	-10485
CDD_Die1RxError_Cnt_G_u16[0]	198 200
CDD_Die1RxError_Cnt_G_u16[1] CDD_Die1RxMtrPos_Cnt_G_u16[0]	198
CDD_Die1RxMtrPos_Cnt_G_u16[0] CDD_Die1RxMtrPos_Cnt_G_u16[1]	200
CDD_Die1RxRevCtr_Cnt_G_u16[0]	126
CDD_Die1RxRevCtr_Cnt_G_u16[1]	156
CDD_Die2RxError_Cnt_G_u16[0]	174
CDD_Die2RxError_Cnt_G_u16[1]	176
CDD_Die2RxMtrPos_Cnt_G_u16[0]	65535
CDD_Die2RxMtrPos_Cnt_G_u16[1]	65535
CDD_Die2RxRevCtr_Cnt_G_u16[0]	3325
CDD_Die2RxRevCtr_Cnt_G_u16[1]	4535
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	6229
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	9023
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0]	142
CDD_MechMtrPos2TimeStamp_uSec_G_u32[1]	158
CDD_ModIdxFinal_Uls_G_u16p16[0]	27007
CDD_ModIdxFinal_Uls_G_u16p16[1]	27013
CDD_MtrCurr1_Volts_G_f32[0]	2.01630712
CDD_MtrCurr1_Volts_G_f32[1]	1.01630723
CDD_MtrCurr2_Volts_G_f32[0]	2.01630712
CDD_MtrCurr2_Volts_G_f32[1]	1.01630723
CDD_MtrCurrDax_Amp_G_f32[0] CDD_MtrCurrDax_Amp_G_f32[1]	131.130005 179.600006
CDD_MtrCurrK1_Amps_G_f32[0]	74.1699982
CDD_MtrCurrK1_Amps_G_f32[1]	96.0390015
CDD_MtrCurrK2_Amps_G_f32[0]	-68.6399994
CDD_MtrCurrK2_Amps_G_f32[1]	-57.4700012
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	55.5800018
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	76.9499969
CDD_MtrCurrQax_Amp_G_f32[0]	144.751007
CDD_MtrCurrQax_Amp_G_f32[1]	155.233994
CDD_PWMDutyCycleASum_Cnt_G_u32[0]	1873
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	2291
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	278
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	760
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	4898
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	6966
CDD_PhaseAdvFinal_Cnt_G_u16[0] CDD_PhaseAdvFinal_Cnt_G_u16[1]	158 160
CDD RxMtrPos1ParityAccum Cnt G u16[0]	100
CDD RxMtrPos1ParityAccum Cnt G u16[1]	150
CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[0]	126
CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[1]	156
CDD_SysCVSwitchADC_Cnt_G_u16[0]	7688
CDD_SysCVSwitchADC_Cnt_G_u16[1]	9097
CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[0]	0
CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[1]	28180
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	0
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	28180
PXAccumPrev_Cnt_M_u32[0]	5019
PXAccumPrev_Cnt_M_u32[1]	7153
PXAccumPrev_Cnt_M_u32[2]	56689
Rte_Inst_Sa_CDDInterface	tgt_Rte_Inst_Sa_CDDInterface
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	145949
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	145970 145977
C.T.E.T. NOOKSIWII_ON. TOGISIIII_OT.F SACO_T.IIIeIIIOIY.uata_wolu	110011

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Name	Input Value			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr1_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr1_Volts	_f32		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr2_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32			
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32$	tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev				
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p				
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CumMechMtrPos_Rev_f32	tgt_CDDInterface_Per1_CumMechMtrPos_R	-		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxError_Cnt_u16 tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_	tgt_CDDInterface_Per1_Die1RxError_Cnt_u- target_CDDInterface_Per1_Die1UnderVoltgF			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxMtrPos_Cnt_u16	tgt CDDInterface Per1 Die1RxMtrPos Cnt			
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 Die1RxRevCtr Cnt u16	tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxError_Cnt_u16	tgt_CDDInterface_Per1_Die2RxError_Cnt_u16			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxMtrPos_Cnt_u16	tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_	_u16		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxRevCtr_Cnt_u16	tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_	tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_LRPRPhaseadvanceCaptured_	tgt_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32 tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeA_ tgt_CDDInterface_Per1_MeasuredOnTimeB_	_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeC			
tqt Rte Inst Sa CDDInterface.CDDInterface Per1 MechMtrPos1TimeStamp USe				
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 MechMtrPos2TimeStamp USe				
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ModIdxFinal_Uls_f32	tgt_CDDInterface_Per1_ModIdxFinal_Uls_f3.			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrDax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrDax_Amp_f3	32		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK1_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32	2		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK2_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32	2		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32	tgt_CDDInterface_Per1_MtrCurrQaxFinalRef	_Amp_f32		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrQax_Amp_f3			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u				
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCVSwitchADC_Cnt_u16	tgt_CDDInterface_Per1_SysCVSwitchADC_0	_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCorrectedElecMtrPos_Rev_ tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_UncorrMechMtrPos1_Rev_u0p	tgt_CDDInterface_Per1_SysCorrectedElecM			
Name	tgt_CDDInterface_Per1_UncorrMechMtrPos1 Actual Value	Expected Value	Result	
CDD_CDDDataAccessBfr_Cnt_G_u16	1	1	Kesuit	
PXAccumPrev Cnt M u32[0]	18243	18243	~	
PXAccumPrev_Cnt_M_u32[1]	18246	18246	~	
PXAccumPrev_Cnt_M_u32[2]	18247	18247	~	
target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	126	126	•	
tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value	2.01630712	2.01630712 ± 0.0625	~	
tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value	2.01630712	2.01630712 ± 0.0625	~	
tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value	2720.28003	2720.28003	~	
tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value	0	0	✓	
tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value	-0.149993896	-0.149993896 ± 0.0625		
tgt CDDInterface Per1 Die1RxError Cnt u16.value	198	198	~	
tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value	198	198	~	
tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value	126	126	~	
tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value	174	174	~	
tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value	65535	65535	•	
tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value	3325	3325	~	
tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value	1873	1873	~	
tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value	278	278	•	
tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value	4898	4898	~	
tgt_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value				
tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value	14	14	V	
	13224	14 13224	~	
	13224 11093	14 13224 11093	*	
tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value	13224 11093 536832470	14 13224 11093 536832470	~	
	13224 11093	14 13224 11093	\(\tau \)	
tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value	13224 11093 536832470 6229	14 13224 11093 536832470 6229	· · · · · · · · · · · · · · · · · · ·	
tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value	13224 11093 536832470 6229 142	14 13224 11093 536832470 6229 142	***	
tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_ModIdxFinal_UIs_f32.value	13224 11093 536832470 6229 142 0.412094116	14 13224 11093 536832470 6229 142 0.412094116 ± 0.0625	· · · · · · · · · · · · · · · · · · ·	
tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_ModIdxFinal_UIs_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value	13224 11093 536832470 6229 142 0.412094116 131.130005 74.1699982 -68.6399994	14 13224 11093 536832470 6229 142 0.412094116 ± 0.0625 131.130005 74.1699982 -68.6399994	· · · · · · · · · · · · · · · · · · ·	
tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_ModIdxFinal_UIs_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value	13224 11093 536832470 6229 142 0.412094116 131.130005 74.1699982 -68.6399994 55.5800018	14 13224 11093 536832470 6229 142 0.412094116 ± 0.0625 131.130005 74.1699982 -68.6399994 55.5800018	***************************************	
tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MedidxFinal_UIs_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value	13224 11093 536832470 6229 142 0.412094116 131.130005 74.1699982 -68.6399994 55.5800018 144.751007	14 13224 11093 536832470 6229 142 0.412094116 ± 0.0625 131.130005 74.1699982 -68.6399994 55.5800018 144.751007	· · · · · · · · · · · · · · · · · · ·	
tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MedidxFinal_UIs_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_FinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u16.value	13224 11093 536832470 6229 142 0.412094116 131.130005 74.1699982 -68.6399994 55.5800018 144.751007	14 13224 11093 536832470 6229 142 0.412094116 ± 0.0625 131.130005 74.1699982 -68.6399994 55.5800018 144.751007	***************************************	
tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MedidxFinal_UIs_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_FinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u16.value tgt_CDDInterface_Per1_SysCVSwitchADC_Cnt_u16.value	13224 11093 536832470 6229 142 0.412094116 131.130005 74.1699982 -68.6399994 55.5800018 144.751007 100 7688	14 13224 11093 536832470 6229 142 0.412094116 ± 0.0625 131.130005 74.1699982 -68.6399994 55.5800018 144.751007 100 7688	· · · · · · · · · · · · · · · · · · ·	
tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MedidxFinal_UIs_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_FinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u16.value	13224 11093 536832470 6229 142 0.412094116 131.130005 74.1699982 -68.6399994 55.5800018 144.751007	14 13224 11093 536832470 6229 142 0.412094116 ± 0.0625 131.130005 74.1699982 -68.6399994 55.5800018 144.751007	· · · · · · · · · · · · · · · · · · ·	





Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
CDDPorts_ClearPhsReasSum	1	CDDPorts_ClearPhsReasSum	1	~

Test Step 2.100 (Repeat Count = 1)	✓
Name	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16	1
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	2841.84009
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	3787.28003
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	0
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	28180
CDD_CumMechMtrPos_Rev_G_s15p16[0]	30801
CDD_CumMechMtrPos_Rev_G_s15p16[1]	31457
CDD_Die1RxError_Cnt_G_u16[0] CDD_Die1RxError_Cnt_G_u16[1]	3083 4161
CDD_Die1RxError_Cnt_G_u16[1] CDD_Die1RxMtrPos_Cnt_G_u16[0]	3083
CDD_Die1RxMtrPos_Cnt_G_u16[1]	4161
CDD_Die1RxRevCtr_Cnt_G_u16[0]	2357
CDD_Die1RxRevCtr_Cnt_G_u16[1]	3039
CDD_Die2RxError_Cnt_G_u16[0]	182
CDD_Die2RxError_Cnt_G_u16[1]	184
CDD_Die2RxMtrPos_Cnt_G_u16[0]	4656
CDD_Die2RxMtrPos_Cnt_G_u16[1]	6592
CDD_Die2RxRevCtr_Cnt_G_u16[0]	3930
CDD_Die2RxRevCtr_Cnt_G_u16[1]	5470
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	6350
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	9210
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0]	150
CDD_MechMtrPos2TimeStamp_uSec_G_u32[1]	159
CDD_ModldxFinal_Uls_G_u16p16[0]	34347
CDD_ModIdxFinal_Uls_G_u16p16[1]	34353
CDD_MtrCurr1_Volts_G_f32[0]	2.01656199
CDD_MtrCurr1_Volts_G_f32[1]	1.01656199
CDD_MtrCurr2_Volts_G_f32[0]	1.01656199
CDD_MtrCurr2_Volts_G_f32[1] CDD_MtrCurrDox_Amp_C_f23[0]	2.01656199 -200.130005
CDD_MtrCurrDax_Amp_G_f32[0] CDD_MtrCurrDax_Amp_G_f32[1]	-146.240005
CDD_MtrCurrK1_Amps_G_f32[0]	-74
CDD_MtrCurrK1_Amps_G_f32[1]	-64
CDD_MtrCurrK2_Amps_G_f32[0]	59.1399994
CDD_MtrCurrK2_Amps_G_f32[1]	71.3799973
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	-97.4800034
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	-70.6900024
CDD_MtrCurrQax_Amp_G_f32[0]	-168.791
CDD_MtrCurrQax_Amp_G_f32[1]	-159.533997
CDD_PWMDutyCycleASum_Cnt_G_u32[0]	1994
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	2478
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	286
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	816
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	5019
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	7153
CDD_PhaseAdvFinal_Cnt_G_u16[0] CDD_PhaseAdvFinal_Cnt_G_u16[1]	166
CDD_PhaseAdvFinal_Cnt_G_u16[1] CDD_RxMtrPos1ParityAccum_Cnt_G_u16[0]	168 3204
CDD RxMtrPos1ParityAccum Cnt G u16[1]	4348
CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[0]	2357
CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[1]	3039
CDD_SysCVSwitchADC_Cnt_G_u16[0]	4656
CDD_SysCVSwitchADC_Cnt_G_u16[1]	6592
CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[0]	28180
CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[1]	28836
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	28180
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	28836
PXAccumPrev_Cnt_M_u32[0]	5140
PXAccumPrev_Cnt_M_u32[1]	7340
PXAccumPrev_Cnt_M_u32[2]	57914
Rte_Inst_Sa_CDDInterface	tgt_Rte_Inst_Sa_CDDInterface
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	145956
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	145977
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	845984

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Name	Input Value		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr1_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr1_Volts	f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr2_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr2_Volts		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32	tgt_CDDInterface_Per1_CorrMtrCurrPosition		
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPosFloat_Revenue and the property of the prop$	tgt_CDDInterface_Per1_CorrectedElecMtrPo	sFloat_Rev_f32	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0properties and the properties of the properti$	tgt_CDDInterface_Per1_CorrectedElecMtrPo	s_Rev_u0p16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CumMechMtrPos_Rev_f32	tgt_CDDInterface_Per1_CumMechMtrPos_R	ev_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxError_Cnt_u16	tgt_CDDInterface_Per1_Die1RxError_Cnt_u		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_	target_CDDInterface_Per1_Die1UnderVoltgF		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxMtrPos_Cnt_u16	tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxRevCtr_Cnt_u16	tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxError_Cnt_u16 tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxMtrPos_Cnt_u16	tgt_CDDInterface_Per1_Die2RxError_Cnt_u- tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxRevCtr_Cnt_u16	tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_		
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 ExpectedOnTimeA Cnt u32	tgt_CDDInterface_Per1_ExpectedOnTimeA_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeB_	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeC_	Cnt_u32	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_LRPRPhase advance Captured_Interface_Per1_LRPRPhase advance Captured_Interface_Per1_LRPRPPhase advance CaptureD_Interface_Per1_LRPRPPhase Advance CaptureD_Interface$	tgt_CDDInterface_Per1_LRPRPhaseadvance	eCaptured_Cnt_s16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeA_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeB_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeC		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MechMtrPos1TimeStamp_USe	tgt_CDDInterface_Per1_MechMtrPos1TimeS	·	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MechMtrPos2TimeStamp_USetgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ModIdxFinal_UIs_f32	tgt_CDDInterface_Per1_MechMtrPos2TimeS tgt_CDDInterface_Per1_ModIdxFinal_UIs_f3.		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrDax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrDax_Amp_f3		
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 MtrCurrK1 Amp f32	tgt CDDInterface Per1 MtrCurrK1 Amp f32		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK2_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32	tgt_CDDInterface_Per1_MtrCurrQaxFinalRef		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrQax_Amp_f3		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u	tgt_CDDInterface_Per1_RxMtrPos1ParityAcc	cum_Cnt_u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCVSwitchADC_Cnt_u16	tgt_CDDInterface_Per1_SysCVSwitchADC_0	Cnt_u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCorrectedElecMtrPos_Rev_	tgt_CDDInterface_Per1_SysCorrectedElecM	trPos_Rev_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_UncorrMechMtrPos1_Rev_u0p	tgt_CDDInterface_Per1_UncorrMechMtrPos1		
Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	0	0	~
PXAccumPrev_Cnt_M_u32[0]	18244	18244	✓
PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2]	18247 105748	18247 105748	✓
PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	3039	3039	J
tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value	1.01656199	1.01656199 ± 0.0625	✓
tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value	2.01656199	2.01656199 ± 0.0625	-
tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value	3787.28003	3787.28003	•
tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value	0.429992676	0.429992676	~
tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value	28180	28180	•
tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value	0.479995728	0.479995728 ± 0.0625	~
tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value	4161	4161	~
tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value	4161	4161	_
tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value	3039	3039	•
tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value	184 6592	184 6592	✓
tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value	5470	5470	Ž
tgt_CDDInterface_Per1_DiezkxRevCti_Cnt_u10.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value	2478	2478	-
tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value	816	816	~
tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value	7153	7153	~
tgt_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value	15	15	~
tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value	13104	13104	~
tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value	10907	10907	~
tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value	47834	47834	~
tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value	9210	9210	~
tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value			~
	159	159	
tgt_CDDInterface_Per1_ModIdxFinal_Uls_f32.value	159 0.524185181	0.524200439 ± 0.0625	
tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value	159 0.524185181 -146.240005	0.524200439 ± 0.0625 -146.240005	•
tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32.value	159 0.524185181 -146.240005 -64	0.524200439 ± 0.0625 -146.240005 -64	~
tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value	159 0.524185181 -146.240005 -64 71.3799973	0.524200439 ± 0.0625 -146.240005 -64 71.3799973	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value	159 0.524185181 -146.240005 -64 71.3799973 -70.6900024	0.524200439 ± 0.0625 -146.240005 -64 71.3799973 -70.6900024	
tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value	159 0.524185181 -146.240005 -64 71.3799973	0.524200439 ± 0.0625 -146.240005 -64 71.3799973	· · · · · · · · · · · · · · · · · · ·
tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value	159 0.524185181 -146.240005 -64 71.3799973 -70.6900024 -159.533997	0.524200439 ± 0.0625 -146.240005 -64 71.3799973 -70.6900024 -159.533997	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u16.value	159 0.524185181 -146.240005 -64 71.3799973 -70.6900024 -159.533997 4348	0.524200439 ± 0.0625 -146.240005 -64 71.3799973 -70.6900024 -159.533997 4348	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \



Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
CDDPorts_ClearPhsReasSum	1	CDDPorts_ClearPhsReasSum	1	~

Test Step 2.101 (Repeat Count = 1)	
Name	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16	1
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	190.257996
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	192.25
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	28180
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	28836
CDD_CumMechMtrPos_Rev_G_s15p16[0]	-3211
CDD_CumMechMtrPos_Rev_G_s15p16[1]	-3276
CDD_Die1RxError_Cnt_G_u16[0]	166
CDD_Die1RxError_Cnt_G_u16[1]	168 3204
CDD_Die1RxMtrPos_Cnt_G_u16[0] CDD_Die1RxMtrPos_Cnt_G_u16[1]	4348
CDD_Die1RxRevCtr_Cnt_G_u16[0]	166
CDD_Die1RxRevCtr_Cnt_G_u16[1]	168
CDD_Die2RxError_Cnt_G_u16[0]	190
CDD_Die2RxError_Cnt_G_u16[1]	192
CDD_Die2RxMtrPos_Cnt_G_u16[0]	190
CDD_Die2RxMtrPos_Cnt_G_u16[1]	192
CDD_Die2RxRevCtr_Cnt_G_u16[0]	100
CDD_Die2RxRevCtr_Cnt_G_u16[1]	150
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	158
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	160
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0]	3204
CDD_MechMtrPos2TimeStamp_uSec_G_u32[1]	4348
CDD_ModIdxFinal_Uls_G_u16p16[0] CDD_ModIdxFinal_Uls_G_u16p16[1]	10885 10892
CDD_ModldxFinal_Uls_G_u16p16[1] CDD MtrCurr1 Volts G f32[0]	2.01681685
CDD_MtrCurr1_Volts_G_f32[1]	4.01681662
CDD_MtrCurr2_Volts_G_f32[0]	2.01681685
CDD_MtrCurr2_Volts_G_f32[1]	4.01681662
CDD_MtrCurrDax_Amp_G_f32[0]	-210.660004
CDD_MtrCurrDax_Amp_G_f32[1]	-161.350006
CDD_MtrCurrK1_Amps_G_f32[0]	75.5
CDD_MtrCurrK1_Amps_G_f32[1]	83.8000031
CDD_MtrCurrK2_Amps_G_f32[0]	60.8100014
CDD_MtrCurrK2_Amps_G_f32[1]	74.1200027
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	-118.010002
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	-85.8000031
CDD_MtrCurrQax_Amp_G_f32[0]	192.830994
CDD_MtrCurrQax_Amp_G_f32[1]	203.834
CDD_PWMDutyCycleASum_Cnt_G_u32[0] CDD_PWMDutyCycleASum_Cnt_G_u32[1]	2115 2665
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	3204
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	4348
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	5140
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	7340
CDD_PhaseAdvFinal_Cnt_G_u16[0]	174
CDD_PhaseAdvFinal_Cnt_G_u16[1]	176
CDD_RxMtrPos1ParityAccum_Cnt_G_u16[0]	0
CDD_RxMtrPos1ParityAccum_Cnt_G_u16[1]	0
CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[0]	142
CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[1]	158
CDD_SysCVSwitchADC_Cnt_G_u16[0]	4777
CDD_SysCVSwitchADC_Cnt_G_u16[1]	6779
CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[0]	0
CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[1]	29491
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	0
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1] PXAccumPrev_Cnt_M_u33[0]	29491 5140
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1]	7340
PXAccumPrev_Cnt_M_u32[2]	57914
Rte_Inst_Sa_CDDInterface	tgt_Rte_Inst_Sa_CDDInterface
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	645963
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	845984
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	145991

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Name	Input Value		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr1_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr2_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_	_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32	tgt_CDDInterface_Per1_CorrMtrCurrPosition_	_Rev_f32	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPosFloat_Revenue and the property of the prop$	tgt_CDDInterface_Per1_CorrectedElecMtrPo	sFloat_Rev_f32	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0ptor(2000) and the control of the co$	tgt_CDDInterface_Per1_CorrectedElecMtrPo	s_Rev_u0p16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CumMechMtrPos_Rev_f32	tgt_CDDInterface_Per1_CumMechMtrPos_Re	ev_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxError_Cnt_u16	tgt_CDDInterface_Per1_Die1RxError_Cnt_u1	16	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_Interface_Per1_Die1UnderVoltgFltAccum_$	target_CDDInterface_Per1_Die1UnderVoltgF	ItAccum_Cnt_u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxMtrPos_Cnt_u16	tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_	u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxRevCtr_Cnt_u16	tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_	u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxError_Cnt_u16	tgt_CDDInterface_Per1_Die2RxError_Cnt_u1	16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxMtrPos_Cnt_u16	tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_	u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxRevCtr_Cnt_u16	tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_		
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 ExpectedOnTimeA Cnt u32	tgt_CDDInterface_Per1_ExpectedOnTimeA_0		
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 ExpectedOnTimeB Cnt u32	tgt_CDDInterface_Per1_ExpectedOnTimeB_0	_	
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 ExpectedOnTimeC Cnt u32	tgt CDDInterface Per1 ExpectedOnTimeC		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_LRPRPhaseadvanceCaptured_	tgt_CDDInterface_Per1_LRPRPhaseadvance	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeA_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeB_	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeC_		
	tgt CDDInterface Per1 MechMtrPos1TimeS		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MechMtrPos1TimeStamp_USe		·	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ModIdxFinal_UIs_f32	tgt_CDDInterface_Per1_ModIdxFinal_UIs_f32		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrDax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrDax_Amp_f3		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK1_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK2_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32	tgt_CDDInterface_Per1_MtrCurrQaxFinalRef		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrQax_Amp_f3		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u	tgt_CDDInterface_Per1_RxMtrPos1ParityAcc	cum_Cnt_u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCVSwitchADC_Cnt_u16	tgt_CDDInterface_Per1_SysCVSwitchADC_C	Cnt_u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCorrectedElecMtrPos_Rev_	tgt_CDDInterface_Per1_SysCorrectedElecMt	rPos_Rev_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_UncorrMechMtrPos1_Rev_u0p	tgt_CDDInterface_Per1_UncorrMechMtrPos1	_Rev_u0p16	
Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	0	0	~
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0]	0 80745	0 80745	v
			✓ ✓ ✓
PXAccumPrev_Cnt_M_u32[0]	80745	80745	
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1]	80745 105748	80745 105748	~
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2]	80745 105748 18248	80745 105748 18248	~
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	80745 105748 18248 158	80745 105748 18248 158	\ \ \
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value	80745 105748 18248 158 4.01681662	80745 105748 18248 158 4.01681662 ± 0.0625	· · ·
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value	80745 105748 18248 158 4.01681662 4.01681662 192.25	80745 105748 18248 158 4.01681662 ± 0.0625 4.01681662 ± 0.0625	· · · · · · · · · · · · · · · · · · ·
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PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_McCurrK1_Amp_f32.value tgt_CDDInterface_Per1_MrCurrR2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrR2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrR2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value	80745 105748 18248 158 4.01681662 4.01681662 192.25 0.440002441 28836 -0.049987793 168 4348 168 192 192 150 2665 4348 7340 16 75605 98408 536831246 160 4348 0.16619873 -161.350006 83.8000031 74.1200027 -85.8000031 203.834	80745 105748 18248 158 4.01681662 ± 0.0625 4.01681662 ± 0.0625 192.25 0.440002441 28836 -0.0500030518 ± 0.0625 168 4348 168 192 192 150 2665 4348 7340 16 75605 98408 536831246 160 4348 0.16619873 ± 0.0625 -161.350006 83.8000031 74.1200027 -85.8000031 203.834	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
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PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeStamp_USec_u32.value tgt_CDDInterface_Per1_MeoldxFinal_Uis_f32.value tgt_CDDInterface_Per1_MeoldxFinal_Uis_f32.value tgt_CDDInterface_Per1_MetCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_FinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_FinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_FinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_F	80745 105748 18248 158 4.01681662 4.01681662 192.25 0.440002441 28836 -0.049987793 168 4348 168 192 192 150 2665 4348 7340 16 75605 98408 536831246 160 4348 0.16619873 -161.350006 83.800031 74.1200027 -85.8000031 203.834 0 6779	80745 105748 18248 158 4.01681662 ± 0.0625 4.01681662 ± 0.0625 192.25 0.440002441 28836 -0.0500030518 ± 0.0625 168 4348 168 192 192 150 2665 4348 7340 16 75605 98408 536831246 160 4348 0.16619873 ± 0.0625 -161.350006 83.8000031 74.1200027 -85.8000031 203.834 0 6779)





Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
CDDPorts_ClearPhsReasSum	1	CDDPorts_ClearPhsReasSum	1	~

Test Step 2.102 (Repeat Count = 1)	√
Name	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16	0
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	2962.28003
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	3974.28711
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	0
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	29491
CDD_CumMechMtrPos_Rev_G_s15p16[0]	3342
CDD_CumMechMtrPos_Rev_G_s15p16[1]	3407
CDD_Die1RxError_Cnt_G_u16[0]	174 176
CDD_Die1RxError_Cnt_G_u16[1] CDD_Die1RxMtrPos_Cnt_G_u16[0]	3325
CDD_Die1RxMtrPos_Cnt_G_u16[1]	4535
CDD_Die1RxRevCtr_Cnt_G_u16[0]	174
CDD_Die1RxRevCtr_Cnt_G_u16[1]	176
CDD_Die2RxError_Cnt_G_u16[0]	198
CDD_Die2RxError_Cnt_G_u16[1]	200
CDD_Die2RxMtrPos_Cnt_G_u16[0]	198
CDD_Die2RxMtrPos_Cnt_G_u16[1]	200
CDD_Die2RxRevCtr_Cnt_G_u16[0]	126
CDD_Die2RxRevCtr_Cnt_G_u16[1]	156
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	166
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	168
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0]	3325
CDD_MechMtrPos2TimeStamp_uSec_G_u32[1]	4535
CDD_ModldxFinal_Uls_G_u16p16[0]	15230
CDD_ModIdxFinal_Uls_G_u16p16[1]	15237
CDD_MtrCurr1_Volts_G_f32[0]	2.00025487
CDD_MtrCurr1_Volts_G_f32[1]	1.00025475
CDD_MtrCurr2_Volts_G_f32[0]	2.00015473
CDD_MtrCurr2_Volts_G_f32[1]	2.00025487 -25.5799999
CDD_MtrCurrDax_Amp_G_f32[0] CDD_MtrCurrDax_Amp_G_f32[1]	-20.4699993
CDD_MtrCurrK1_Amps_G_f32[0]	50
CDD_MtrCurrK1_Amps_G_f32[1]	60
CDD_MtrCurrK2_Amps_G_f32[0]	-76.8600006
CDD_MtrCurrK2_Amps_G_f32[1]	-62.4799995
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	100.910004
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	138.539993
CDD_MtrCurrQax_Amp_G_f32[0]	141.156998
CDD_MtrCurrQax_Amp_G_f32[1]	151.380005
CDD_PWMDutyCycleASum_Cnt_G_u32[0]	2236
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	2852
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	3325
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	4535
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	5261
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	7527
CDD_PhaseAdvFinal_Cnt_G_u16[0] CDD_PhaseAdvFinal_Cnt_G_u16[1]	214
CDD_PhaseAdvFinal_Cnt_G_u16[1] CDD_RxMtrPos1ParityAccum_Cnt_G_u16[0]	312 65535
CDD RxMtrPos1ParityAccum Cnt G u16[1]	65535
CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[0]	166
CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[1]	168
CDD_SysCVSwitchADC_Cnt_G_u16[0]	4898
CDD_SysCVSwitchADC_Cnt_G_u16[1]	6966
CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[0]	29491
CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[1]	30146
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	29491
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	30146
PXAccumPrev_Cnt_M_u32[0]	5261
PXAccumPrev_Cnt_M_u32[1]	7527
PXAccumPrev_Cnt_M_u32[2]	59139
Rte_Inst_Sa_CDDInterface	tgt_Rte_Inst_Sa_CDDInterface
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	145970
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	145991
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	145998

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Name	Input Value		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr1_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_	_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr2_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_	_f32	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32$	tgt_CDDInterface_Per1_CorrMtrCurrPosition_	_Rev_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CumMechMtrPos_Rev_f32	tgt_CDDInterface_Per1_CumMechMtrPos_R	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxError_Cnt_u16 tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_	tgt_CDDInterface_Per1_Die1RxError_Cnt_u1 target_CDDInterface_Per1_Die1UnderVoltgF		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxMtrPos_Cnt_u16	tgt CDDInterface Per1 Die1RxMtrPos Cnt		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxRevCtr_Cnt_u16	tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxError_Cnt_u16	tgt_CDDInterface_Per1_Die2RxError_Cnt_u1		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxMtrPos_Cnt_u16	tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_	_u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxRevCtr_Cnt_u16	tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_	<u>u</u> 16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeA_	Cnt_u32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeB_	· -	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeC_	-	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_LRPRPhaseadvanceCaptured_	tgt_CDDInterface_Per1_LRPRPhaseadvance		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32 tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeA_	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeD_Cin_u32	tgt_CDDInterface_Per1_MeasuredOnTimeB_ tgt_CDDInterface_Per1_MeasuredOnTimeC_		
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 MechMtrPos1TimeStamp USe			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MechMtrPos2TimeStamp_USe			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ModIdxFinal_UIs_f32	tgt_CDDInterface_Per1_ModIdxFinal_Uls_f32	·	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrDax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrDax_Amp_f3	32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK1_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32	2	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK2_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32	2	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32$	tgt_CDDInterface_Per1_MtrCurrQaxFinalRef	_Amp_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrQax_Amp_f3		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCVSwitchADC_Cnt_u16	tgt_CDDInterface_Per1_SysCVSwitchADC_C	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCorrectedElecMtrPos_Rev_	tgt_CDDInterface_Per1_SysCorrectedElecMt		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_UncorrMechMtrPos1_Rev_u0p	tgt_CDDInterface_Per1_UncorrMechMtrPos1 Actual Value	Expected Value	Result
Name CDD_CDDDataAccessBfr_Cnt_G_u16	1	1	Result
PXAccumPrev Cnt M u32[0]	18246	18246	~
1 70 toodiii 104_01t_til_til_to2[0]	102-10	102-10	
PXAccumPrev Cnt M u32[1]	18248	18248	✓
PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2]	18248 18249	18248 18249	✓
			_
PXAccumPrev_Cnt_M_u32[2]	18249	18249	_
PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	18249 166	18249 166	· · · · · · · · · · · · · · · · · · ·
PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value	18249 166 2.00025487 2.00015473 2962.28003	18249 166 2.00025487 ± 0.0625 2.00015473 ± 0.0625 2962.28003	***
PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value	18249 166 2.00025487 2.00015473 2962.28003	18249 166 2.00025487 ± 0.0625 2.00015473 ± 0.0625 2962.28003	· · · · · · · · · · · · · · · · · · ·
PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value	18249 166 2.00025487 2.00015473 2962.28003 0	18249 166 2.00025487 ± 0.0625 2.00015473 ± 0.0625 2962.28003 0	· · · · · · · · · · · · · · · · · · ·
PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CurmMechMtrPos_Rev_f32.value	18249 166 2.00025487 2.00015473 2962.28003 0 0	18249 166 2.00025487 ± 0.0625 2.00015473 ± 0.0625 2962.28003 0 0 0.050994873 ± 0.0625	· · · · · · · · · · · · · · · · · · ·
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PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value	18249 166 2.00025487 2.00015473 2962.28003 0 0 0.050994873 174 3325	18249 166 2.00025487 ± 0.0625 2.00015473 ± 0.0625 2962.28003 0 0 0.050994873 ± 0.0625 174 3325	· · · · · · · · · · · · · · · · · · ·
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PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value	18249 166 2.00025487 2.00015473 2962.28003 0 0 0.050994873 174 3325 174 198 198 126 2236 3325 5261	18249 166 2.00025487 ± 0.0625 2.00015473 ± 0.0625 2962.28003 0 0 0.050994873 ± 0.0625 174 3325 174 198 198 126 2236 3325 5261 20	***************************************
PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_RPRPhaseadvanceCaptured_Cnt_s16.value tgt_CDDInterface_Per1_RevertedOnTimeA_Cnt_u32.value	18249 166 2.00025487 2.00015473 2962.28003 0 0 0.050994873 174 3325 174 198 198 126 2236 3325 5261 20 12985	18249 166 2.00025487 ± 0.0625 2.00015473 ± 0.0625 2962.28003 0 0 0.050994873 ± 0.0625 174 3325 174 198 198 126 2236 3325 5261 20 12985	***************************************
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PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxErvor_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxEvCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxEvCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxEvCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_HeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value	18249 166 2.00025487 2.00015473 2962.28003 0 0 0.050994873 174 3325 174 198 198 126 2236 3325 5261 20 12985 10721 536830022 166	18249 166 2.00025487 ± 0.0625 2.00015473 ± 0.0625 2962.28003 0 0 0.050994873 ± 0.0625 174 3325 174 198 198 126 2236 3325 5261 20 12985 10721 536830022	***************************************
PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxEvCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxEvCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value	18249 166 2.00025487 2.00015473 2962.28003 0 0 0.050994873 174 3325 174 198 198 126 2236 3325 5261 20 12985 10721 536830022	18249 166 2.00025487 ± 0.0625 2.00015473 ± 0.0625 2962.28003 0 0 0.050994873 ± 0.0625 174 3325 174 198 198 126 2236 3325 5261 20 12985 10721 536830022	***************************************
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PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxErvor_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxEvCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value	18249 166 2.00025487 2.00015473 2962.28003 0 0 0.050994873 174 198 198 126 2236 3325 5261 20 12985 10721 536830022 166 3325 0.232391357	18249 166 2.00025487 ± 0.0625 2.00015473 ± 0.0625 2962.28003 0 0 0.050994873 ± 0.0625 174 3325 174 198 198 126 2236 3325 5261 20 12985 10721 536830022 166 3325 0.232406616 ± 0.0625	***************************************
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PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MrCurrK2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value	18249 166 2.00025487 2.00015473 2962.28003 0 0 0.050994873 174 3325 174 198 198 126 2236 3325 5261 20 12985 10721 536830022 166 3325 0.232391357 -25.5799999 50 -76.8600006 100.910004 141.156998 65535	18249 166 2.00025487 ± 0.0625 2.00015473 ± 0.0625 2962.28003 0 0 0.050994873 ± 0.0625 174 3325 174 198 198 126 2236 3325 5261 20 12985 10721 536830022 166 3325 0.232406616 ± 0.0625 -25.579999 50 -76.8600006 100.910004 141.156998 65535	· · · · · · · · · · · · · · · · · · ·
PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_u0p16.value tgt_CDDInterface_Per1_CurmMechMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MtrCurrR1_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrR2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrR2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrR2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrR2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_FinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value	18249 166 2.00025487 2.00015473 2962.28003 0 0 0.050994873 174 3325 174 198 198 126 2236 3325 5261 20 12985 10721 536830022 166 3325 0.232391357 -25.5799999 50 -76.8600006 100.910004 141.156998 65535 4898	18249 166 2.00025487 ± 0.0625 2.00015473 ± 0.0625 2962.28003 0 0 0.050994873 ± 0.0625 174 3325 174 198 198 126 2236 3325 5261 20 12985 10721 536830022 166 3325 0.232406616 ± 0.0625 -25.5799999 50 -76.8600006 100.910004 141.156998 65535 4898	· · · · · · · · · · · · · · · · · · ·
PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MrCurrK2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value	18249 166 2.00025487 2.00015473 2962.28003 0 0 0.050994873 174 3325 174 198 198 126 2236 3325 5261 20 12985 10721 536830022 166 3325 0.232391357 -25.5799999 50 -76.8600006 100.910004 141.156998 65535	18249 166 2.00025487 ± 0.0625 2.00015473 ± 0.0625 2962.28003 0 0 0.050994873 ± 0.0625 174 3325 174 198 198 126 2236 3325 5261 20 12985 10721 536830022 166 3325 0.232406616 ± 0.0625 -25.579999 50 -76.8600006 100.910004 141.156998 65535	· · · · · · · · · · · · · · · · · · ·





Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
CDDPorts_ClearPhsReasSum	1	CDDPorts_ClearPhsReasSum	1	~

Test Step 2.103 (Repeat Count = 1)	
Name	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16	1
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	4530.25
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	5471.25
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	29491
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	30147
CDD_CumMechMtrPos_Rev_G_s15p16[0]	-3473
CDD_CumMechMtrPos_Rev_G_s15p16[1]	-3538
CDD_Die1RxError_Cnt_G_u16[0] CDD_Die1RxError_Cnt_G_u16[1]	182 184
CDD_Die1RxMtrPos_Cnt_G_u16[0]	3930
CDD_Die1RxMtrPos_Cnt_G_u16[1]	5470
CDD_Die1RxRevCtr_Cnt_G_u16[0]	182
CDD_Die1RxRevCtr_Cnt_G_u16[1]	184
CDD_Die2RxError_Cnt_G_u16[0]	3083
CDD_Die2RxError_Cnt_G_u16[1]	4161
CDD_Die2RxMtrPos_Cnt_G_u16[0]	3083
CDD_Die2RxMtrPos_Cnt_G_u16[1]	4161
CDD_Die2RxRevCtr_Cnt_G_u16[0]	2357
CDD_Die2RxRevCtr_Cnt_G_u16[1]	3039
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	174
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	176
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0]	3446
CDD_MechMtrPos2TimeStamp_uSec_G_u32[1]	4722
CDD_ModIdxFinal_UIs_G_u16p16[0]	24189
CDD_ModIdxFinal_UIs_G_u16p16[1]	24195 1.01732635
CDD_MtrCurr1_Volts_G_f32[0] CDD_MtrCurr1_Volts_G_f32[1]	2.01732635
CDD_MtrCurr2_Volts_G_f32[0]	2.01732635
CDD_MtrCurr2_Volts_G_f32[1]	1.01732635
CDD_MtrCurrDax_Amp_G_f32[0]	46.4199982
CDD_MtrCurrDax_Amp_G_f32[1]	56.9500008
CDD_MtrCurrK1_Amps_G_f32[0]	55.7999992
CDD_MtrCurrK1_Amps_G_f32[1]	65.9000015
CDD_MtrCurrK2_Amps_G_f32[0]	64.1500015
CDD_MtrCurrK2_Amps_G_f32[1]	79.5999985
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	116.019997
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	159.070007
CDD_MtrCurrQax_Amp_G_f32[0]	-176.199997
CDD_MtrCurrQax_Amp_G_f32[1]	-165.716995
CDD_PWMDutyCycleASum_Cnt_G_u32[0]	2357
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	3039 3446
CDD_PWMDutyCycleBSum_Cnt_G_u32[0] CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	4722
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	5382
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	7714
CDD PhaseAdvFinal Cnt G u16[0]	222
CDD PhaseAdvFinal Cnt G u16[1]	368
CDD_RxMtrPos1ParityAccum_Cnt_G_u16[0]	5628
CDD_RxMtrPos1ParityAccum_Cnt_G_u16[1]	8097
CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[0]	3204
CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[1]	4348
CDD_SysCVSwitchADC_Cnt_G_u16[0]	5019
CDD_SysCVSwitchADC_Cnt_G_u16[1]	7153
CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[0]	26214
CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[1]	26870
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	26214
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	26870
PXAccumPrev_Cnt_M_u32[0]	5382
PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2]	7714 60364
PXAccumPrev_Cnt_M_u32[2] Rte_Inst_Sa_CDDInterface	tgt_Rte_Inst_Sa_CDDInterface
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	145977
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	145998
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	146005

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Name	Input Value		
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 ADCMtrCurr1 Volts f32	tgt_CDDInterface_Per1_ADCMtrCurr1_Volts	f32	
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 ADCMtrCurr2 Volts f32	tgt CDDInterface Per1 ADCMtrCurr2 Volts		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32	tgt_CDDInterface_Per1_CorrMtrCurrPosition		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPosFloat_Re			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0			
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 CumMechMtrPos Rev f32	tgt CDDInterface Per1 CumMechMtrPos R		
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 Die1RxError Cnt u16	tgt_CDDInterface_Per1_Die1RxError_Cnt_u	-	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxMtrPos_Cnt_u16	tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxRevCtr_Cnt_u16	tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_	u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxError_Cnt_u16	tgt_CDDInterface_Per1_Die2RxError_Cnt_u	16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxMtrPos_Cnt_u16	tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_	u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxRevCtr_Cnt_u16	tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_	u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeA_	Cnt_u32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeB_	Cnt_u32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeC_	Cnt_u32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_LRPRPhaseadvanceCaptured_	tgt_CDDInterface_Per1_LRPRPhaseadvance	eCaptured_Cnt_s16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeA_	_Cnt_u32	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32$	tgt_CDDInterface_Per1_MeasuredOnTimeB_	_Cnt_u32	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32$	tgt_CDDInterface_Per1_MeasuredOnTimeC	_Cnt_u32	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MechMtrPos1TimeStamp_USerserserserserserserserserserserserserse$	tgt_CDDInterface_Per1_MechMtrPos1TimeS	tamp_USec_u32	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MechMtrPos2TimeStamp_USerserserserserserserserserserserserserse$	tgt_CDDInterface_Per1_MechMtrPos2TimeS	tamp_USec_u32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ModIdxFinal_Uls_f32	tgt_CDDInterface_Per1_ModIdxFinal_Uls_f3.	2	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrDax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrDax_Amp_f3	32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK1_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32	2	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK2_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32	2	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32	tgt_CDDInterface_Per1_MtrCurrQaxFinalRef	_Amp_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrQax_Amp_f3	32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u	tgt_CDDInterface_Per1_RxMtrPos1ParityAcc	cum_Cnt_u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCVSwitchADC_Cnt_u16	tgt_CDDInterface_Per1_SysCVSwitchADC_0	Cnt_u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCorrectedElecMtrPos_Rev_	tgt_CDDInterface_Per1_SysCorrectedElecM	trPos_Rev_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_UncorrMechMtrPos1_Rev_u0p	tgt_CDDInterface_Per1_UncorrMechMtrPos1	_Rev_u0p16	
Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	0	0	~
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0]	0 18247	0 18247	· ·
	18247 18249	18247 18249	~
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2]	18247 18249 18250	18247 18249 18250	~
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFitAccum_Cnt_u16.value	18247 18249 18250 4348	18247 18249 18250 4348	· · · · · · · · · · · · · · · · · · ·
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value	18247 18249 18250 4348 2.01732635	18247 18249 18250 4348 2.01732635 ± 0.0625	· · · · · · · · · · · · · · · · · · ·
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value	18247 18249 18250 4348 2.01732635 1.01732635	18247 18249 18250 4348 2.01732635 ± 0.0625 1.01732635 ± 0.0625	· · · · · · · · · · · · · · · · · · ·
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value	18247 18249 18250 4348 2.01732635 1.01732635 5471.25	18247 18249 18250 4348 2.01732635 ± 0.0625 1.01732635 ± 0.0625 5471.25	· · · · · · · · · · · · · · · · · · ·
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value	18247 18249 18250 4348 2.01732635 1.01732635 5471.25 0.460006714	18247 18249 18250 4348 2.01732635 ± 0.0625 1.01732635 ± 0.0625 5471.25 0.460006714	· · · · · · · · · · · · · · · · · · ·
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value	18247 18249 18250 4348 2.01732635 1.01732635 5471.25 0.460006714 30147	18247 18249 18250 4348 2.01732635 ± 0.0625 1.01732635 ± 0.0625 5471.25 0.460006714 30147	· · · · · · · · · · · · · · · · · · ·
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Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
CDDPorts_ClearPhsReasSum	1	CDDPorts_ClearPhsReasSum	1	~

Test Step 2.104 (Repeat Count = 1)	
Name	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16	1
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	0
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	26214
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	26870
CDD_CumMechMtrPos_Rev_G_s15p16[0]	3604
CDD_CumMechMtrPos_Rev_G_s15p16[1]	3670
CDD_Die1RxError_Cnt_G_u16[0]	3083
CDD_Die1RxError_Cnt_G_u16[1]	4161 100
CDD_Die1RxMtrPos_Cnt_G_u16[0] CDD_Die1RxMtrPos_Cnt_G_u16[1]	150
CDD_Die1RxRevCtr_Cnt_G_u16[0]	190
CDD_Die1RxRevCtr_Cnt_G_u16[1]	192
CDD_Die2RxError_Cnt_G_u16[0]	166
CDD_Die2RxError_Cnt_G_u16[1]	168
CDD_Die2RxMtrPos_Cnt_G_u16[0]	3204
CDD_Die2RxMtrPos_Cnt_G_u16[1]	4348
CDD_Die2RxRevCtr_Cnt_G_u16[0]	166
CDD_Die2RxRevCtr_Cnt_G_u16[1]	168
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	182
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	184
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0] CDD_MechMtrPos2TimeStamp_uSec_G_u32[1]	3567 4909
CDD_ModIdxFinal_Uls_G_u16p16[0]	43247
CDD_ModIdxFinal_Uls_G_u16p16[1]	43253
CDD MtrCurr1 Volts G f32[0]	2.01095629
CDD_MtrCurr1_Volts_G_f32[1]	1.01095641
CDD_MtrCurr2_Volts_G_f32[0]	2.01095629
CDD_MtrCurr2_Volts_G_f32[1]	1.01095641
CDD_MtrCurrDax_Amp_G_f32[0]	72.3700027
CDD_MtrCurrDax_Amp_G_f32[1]	88.3199997
CDD_MtrCurrK1_Amps_G_f32[0]	39.4000015
CDD_MtrCurrK1_Amps_G_f32[1]	32.0499992
CDD_MtrCurrK2_Amps_G_f32[0]	-74
CDD_MtrCurrK2_Amps_G_f32[1] CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	-64 214.837006
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	215.839996
CDD_MtrCurrQax_Amp_G_f32[0]	-201.020004
CDD_MtrCurrQax_Amp_G_f32[1]	-190.276993
CDD_PWMDutyCycleASum_Cnt_G_u32[0]	1389
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	1543
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	246
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	536
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	5503
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	7901
CDD_PhaseAdvFinal_Cnt_G_u16[0]	126
CDD_PhaseAdvFinal_Cnt_G_u16[1] CDD_RxMtrPos1ParityAccum_Cnt_G_u16[0]	156 3325
CDD_RXMtrPos1ParityAccum_Cnt_G_u1o[u] CDD_RxMtrPos1ParityAccum_Cnt_G_u1o[u]	4535
CDD RxMtrPos1UnderVoltgFltAccum Cnt u16[0]	3325
CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[1]	4535
CDD_SysCVSwitchADC_Cnt_G_u16[0]	5140
CDD_SysCVSwitchADC_Cnt_G_u16[1]	7340
CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[0]	0
CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[1]	27525
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	0
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	27525
PXAccumPrev_Cnt_M_u32[0]	6567
PXAccumPrev_Cnt_M_u32[1]	8910
PXAccumPrev_Cnt_M_u32[2] Rte_Inst_Sa_CDDInterface	50564 tgt_Rte_Inst_Sa_CDDInterface
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	igt_rie_inst_Sa_CDDintenace 646047
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	545942
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	145949

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Name	Input Value		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr1_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_	_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr2_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_	_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32	tgt_CDDInterface_Per1_CorrMtrCurrPosition_	_Rev_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev	tgt_CDDInterface_Per1_CorrectedElecMtrPo	sFloat_Rev_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p	tgt_CDDInterface_Per1_CorrectedElecMtrPo	s Rev u0p16	
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 CumMechMtrPos Rev f32	tgt CDDInterface Per1 CumMechMtrPos Re		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxError_Cnt_u16	tgt_CDDInterface_Per1_Die1RxError_Cnt_u1	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_	target_CDDInterface_Per1_Die1UnderVoltgF		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxMtrPos_Cnt_u16	tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxRevCtr_Cnt_u16	tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxError_Cnt_u16	tgt_CDDInterface_Per1_Die2RxError_Cnt_u1		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxMtrPos_Cnt_u16	tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_	u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxRevCtr_Cnt_u16	tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_	u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeA_0	Cnt_u32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeB_0	Cnt_u32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeC_	Cnt_u32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_LRPRPhaseadvanceCaptured_	tgt_CDDInterface_Per1_LRPRPhaseadvance	eCaptured_Cnt_s16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeA_	Cnt_u32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeB_	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeC_		
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 MechMtrPos1TimeStamp USe	tgt CDDInterface Per1 MechMtrPos1TimeS		
		·	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MechMtrPos2TimeStamp_USe			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ModIdxFinal_UIs_f32	tgt_CDDInterface_Per1_ModIdxFinal_Uls_f32		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrDax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrDax_Amp_f3		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK1_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK2_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32		
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32$	tgt_CDDInterface_Per1_MtrCurrQaxFinalRef	_Amp_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrQax_Amp_f3	32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u	tgt_CDDInterface_Per1_RxMtrPos1ParityAcc	cum_Cnt_u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCVSwitchADC_Cnt_u16	tgt_CDDInterface_Per1_SysCVSwitchADC_0	Cnt u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCorrectedElecMtrPos_Rev_	tgt_CDDInterface_Per1_SysCorrectedElecMt	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_UncorrMechMtrPos1_Rev_u0p	tgt_CDDInterface_Per1_UncorrMechMtrPos1		
			D 14
Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	0	0	~
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0]	0 80755	0 80755	~
			\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
PXAccumPrev_Cnt_M_u32[0]	80755	80755	
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1]	80755 68242	80755 68242	~
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2]	80755 68242 18243	80755 68242 18243	~
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value	80755 68242 18243 4535	80755 68242 18243 4535 1.01095641 ± 0.0625	\ \ \
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value	80755 68242 18243 4535 1.01095641 1.01095641	80755 68242 18243 4535 1.01095641 ± 0.0625 1.01095641 ± 0.0625	***
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value	80755 68242 18243 4535 1.01095641 1.01095641	80755 68242 18243 4535 1.01095641 ± 0.0625 1.01095641 ± 0.0625	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value	80755 68242 18243 4535 1.01095641 1.01095641 0 0.410003662	80755 68242 18243 4535 1.01095641 ± 0.0625 1.01095641 ± 0.0625 0 0.410003662	· · · · · · · · · · · · · · · · · · ·
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value	80755 68242 18243 4535 1.01095641 1.01095641 0 0.410003662 26870	80755 68242 18243 4535 1.01095641 ± 0.0625 1.01095641 ± 0.0625 0 0.410003662 26870	· · · · · · · · · · · · · · · · · · ·
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PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CurmMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxError_Ont_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_McurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value	80755 68242 18243 4535 1.01095641 1.01095641 0 0.410003662 26870 0.0559997559 4161 150 192 168 4348 168 1543 536 7901 14 74188 59332 536838591 184 4909 0.659988403 88.3199997 32.0499992 -64 215.839996 -190.276993 4535	80755 68242 18243 4535 1.01095641 ± 0.0625 1.01095641 ± 0.0625 0 0.410003662 26870 0.0559997559 ± 0.0625 4161 150 192 168 4348 168 1543 536 7901 14 74188 59332 536838591 184 4909 0.660003662 ± 0.0625 88.3199997 32.0499992 -64 215.839996 -190.276993 4535	





Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
CDDPorts_ClearPhsReasSum	1	CDDPorts_ClearPhsReasSum	1	~

Test Step 2.105 (Repeat Count = 1)	v v v v v v v v v v v v v v v v v v v
Name	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16	0
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	4.2949673e+009
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	4.2949673e+009
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	0
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	27525
CDD_CumMechMtrPos_Rev_G_s15p16[0]	-3735 -3801
CDD_CumMechMtrPos_Rev_G_s15p16[1] CDD_Die1RxError_Cnt_G_u16[0]	3204
CDD_Die1RxError_Cnt_G_u16[1]	4348
CDD_Die1RxMtrPos_Cnt_G_u16[0]	126
CDD_Die1RxMtrPos_Cnt_G_u16[1]	156
CDD_Die1RxRevCtr_Cnt_G_u16[0]	198
CDD_Die1RxRevCtr_Cnt_G_u16[1]	200
CDD_Die2RxError_Cnt_G_u16[0]	174
CDD_Die2RxError_Cnt_G_u16[1]	176
CDD_Die2RxMtrPos_Cnt_G_u16[0]	3325
CDD_Die2RxMtrPos_Cnt_G_u16[1]	4535
CDD_Die2RxRevCtr_Cnt_G_u16[0]	174
CDD_Die2RxRevCtr_Cnt_G_u16[1]	176
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	190
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	192
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0]	3688 5096
CDD_MechMtrPos2TimeStamp_uSec_G_u32[1] CDD_ModldxFinal_Uls_G_u16p16[0]	8152
CDD_ModIdxFinal_UIs_G_u16p16[1]	8159
CDD_MtrCurr1_Volts_G_f32[0]	0.0155427996
CDD_MtrCurr1_Volts_G_f32[1]	4.01554298
CDD_MtrCurr2_Volts_G_f32[0]	0.0155427996
CDD_MtrCurr2_Volts_G_f32[1]	4.01554298
CDD_MtrCurrDax_Amp_G_f32[0]	192.830994
CDD_MtrCurrDax_Amp_G_f32[1]	203.834
CDD_MtrCurrK1_Amps_G_f32[0]	-87.8199997
CDD_MtrCurrK1_Amps_G_f32[1]	-69.1600037
CDD_MtrCurrK2_Amps_G_f32[0]	75.5
CDD_MtrCurrK2_Amps_G_f32[1]	83.800031
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	10.25
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	15.3599997
CDD_MtrCurrQax_Amp_G_f32[0]	214.837006 215.839996
CDD_MtrCurrQax_Amp_G_f32[1] CDD PWMDutyCycleASum Cnt G u32[0]	1510
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	1730
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	254
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	592
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	5624
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	8088
CDD_PhaseAdvFinal_Cnt_G_u16[0]	134
CDD_PhaseAdvFinal_Cnt_G_u16[1]	157
CDD_RxMtrPos1ParityAccum_Cnt_G_u16[0]	2962
CDD_RxMtrPos1ParityAccum_Cnt_G_u16[1]	3974
CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[0]	3930
CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[1]	5470
CDD_SysCVSwitchADC_Cnt_G_u16[0]	5261
CDD_SysCVSwitchADC_Cnt_G_u16[1]	7527
CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[0]	0
CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[1] CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	28180 0
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	28180
PXAccumPrev_Cnt_M_u32[0]	4777
PXAccumPrev_Cnt_M_u32[1]	6779
PXAccumPrev_Cnt_M_u32[2]	54239
Rte_Inst_Sa_CDDInterface	tgt_Rte_Inst_Sa_CDDInterface
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	146054
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	145949

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	l		
Name	Input Value		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr1_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_	_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr2_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_	_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32	tgt_CDDInterface_Per1_CorrMtrCurrPosition_	_Rev_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev	tgt_CDDInterface_Per1_CorrectedElecMtrPo	sFloat_Rev_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p	tgt CDDInterface Per1 CorrectedElecMtrPo	s Rev u0p16	
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 CumMechMtrPos Rev f32	tgt CDDInterface Per1 CumMechMtrPos R		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxError_Cnt_u16	tgt_CDDInterface_Per1_Die1RxError_Cnt_u1	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_	target_CDDInterface_Per1_Die1UnderVoltgF		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxMtrPos_Cnt_u16	tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxRevCtr_Cnt_u16	tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxError_Cnt_u16	tgt_CDDInterface_Per1_Die2RxError_Cnt_u1	16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxMtrPos_Cnt_u16	tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_	u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxRevCtr_Cnt_u16	tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_	u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeA_0	Cnt_u32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeB_0	Cnt_u32	
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 ExpectedOnTimeC Cnt u32	tgt CDDInterface Per1 ExpectedOnTimeC	Cnt u32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_LRPRPhaseadvanceCaptured_	tgt_CDDInterface_Per1_LRPRPhaseadvance	eCaptured Cnt s16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeA_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeB_	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeC_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MechMtrPos1TimeStamp_USe	tgt_CDDInterface_Per1_MechMtrPos1TimeS	·	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MechMtrPos2TimeStamp_USe			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ModldxFinal_Uls_f32	tgt_CDDInterface_Per1_ModIdxFinal_Uls_f32	2	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrDax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrDax_Amp_f3	2	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK1_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32	!	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK2_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32	tgt CDDInterface Per1 MtrCurrQaxFinalRef		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQax_Amp_f32	tgt CDDInterface Per1 MtrCurrQax Amp f3	- ·-	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u	tgt_CDDInterface_Per1_RxMtrPos1ParityAcc		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCVSwitchADC_Cnt_u16	tgt_CDDInterface_Per1_SysCVSwitchADC_C	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCorrectedElecMtrPos_Rev_	tgt_CDDInterface_Per1_SysCorrectedElecMt		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_UncorrMechMtrPos1_Rev_u0p	tgt_CDDInterface_Per1_UncorrMechMtrPos1	_Rev_u0p16	
Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	1	1	~
CDD_CDDDataAccessBfr_Cnt_G_u16	1 18256	1 18256	✓
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0]	18256	18256	\ \ \
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1]	18256 18243	18256 18243	~
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2]	18256 18243 18244	18256 18243 18244	~
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	18256 18243 18244 3930	18256 18243 18244 3930	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value	18256 18243 18244 3930 0.0155427996	18256 18243 18244 3930 0.0155427996 ± 0.0625	· · ·
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value	18256 18243 18244 3930 0.0155427996 0.0155427996	18256 18243 18244 3930 0.0155427996 ± 0.0625 0.0155427996 ± 0.0625	***
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value	18256 18243 18244 3930 0.0155427996 0.0155427996 4.2949673e+009	18256 18243 18244 3930 0.0155427996 ± 0.0625 0.0155427996 ± 0.0625 4.2949673e+009	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value	18256 18243 18244 3930 0.0155427996 0.0155427996	18256 18243 18244 3930 0.0155427996 ± 0.0625 0.0155427996 ± 0.0625	· · · · · · · · · · · · · · · · · · ·
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CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CurmMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrCax_FinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrCax_FinalRef_Amp_f32.value	18256 18243 18244 3930 0.0155427996 0.0155427996 4.2949673e+009 0 0 -0.0569915771 3204 126 198 174 3325 174 1510 254 5624 12 13479 11464 536834917 190 3688 0.124389648 192.830994 -87.8199997 75.5 10.25	18256 18243 18244 3930 0.0155427996 ± 0.0625 0.0155427996 ± 0.0625 4.2949673e+009 0 0 -0.0570068359 ± 0.0625 3204 126 198 174 3325 174 1510 254 5624 12 13479 11464 536834917 190 3688 0.124404907 ± 0.0625 192.830994 -87.8199997 75.5 10.25	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
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CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeoMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MeoMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MecMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MtrCurrN2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrN2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrN2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrN2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrN2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrN2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrN2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrN2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrN2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrN2_Amp_f32.value	18256 18243 18244 3930 0.0155427996 0.0155427996 4.2949673e+009 0 0 -0.0569915771 3204 126 198 174 3325 174 1510 254 5624 12 13479 11464 536834917 190 3688 0.124389648 192.830994 -87.8199997 75.5 10.25 214.837006 2962 5261	18256 18243 18244 3930 0.0155427996 ± 0.0625 0.0155427996 ± 0.0625 4.2949673e+009 0 0 -0.0570068359 ± 0.0625 3204 126 198 174 3325 174 1510 254 5624 12 13479 11464 536834917 190 3688 0.124404907 ± 0.0625 192.830994 -87.8199997 75.5 10.25 214.837006 2962 5261	
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MrcurrK2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value	18256 18243 18244 3930 0.0155427996 0.0155427996 4.2949673e+009 0 0 -0.0569915771 3204 126 198 174 3325 174 1510 254 5624 12 13479 11464 536834917 190 3688 0.124389648 192.830994 -87.8199997 75.5 10.25 214.837006 2962	18256 18243 18244 3930 0.0155427996 ± 0.0625 0.0155427996 ± 0.0625 4.2949673e+009 0 0 -0.0570068359 ± 0.0625 3204 126 198 174 3325 174 1510 254 5624 12 13479 11464 536834917 190 3688 0.124404907 ± 0.0625 192.830994 -87.8199997 75.5 10.25 214.837006 2962	





Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
CDDPorts_ClearPhsReasSum	1	CDDPorts_ClearPhsReasSum	1	~

Test Step 2.106 (Repeat Count = 1)	v v
Name	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16	1
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	4777
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	6779
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	0
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	28180
CDD_CumMechMtrPos_Rev_G_s15p16[0]	3866
CDD_CumMechMtrPos_Rev_G_s15p16[1]	3932
CDD_Die1RxError_Cnt_G_u16[0]	3325
CDD_Die1RxError_Cnt_G_u16[1]	4535
CDD_Die1RxMtrPos_Cnt_G_u16[0] CDD_Die1RxMtrPos_Cnt_G_u16[1]	2357 3039
CDD_Die1RxRevCtr_Cnt_G_u16[0]	3083
CDD_Die1RxRevCtr_Cnt_G_u16[1]	4161
CDD_Die2RxError_Cnt_G_u16[0]	182
CDD_Die2RxError_Cnt_G_u16[1]	184
CDD_Die2RxMtrPos_Cnt_G_u16[0]	3930
CDD_Die2RxMtrPos_Cnt_G_u16[1]	5470
CDD_Die2RxRevCtr_Cnt_G_u16[0]	182
CDD_Die2RxRevCtr_Cnt_G_u16[1]	184
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	198
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	200
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0]	3809
CDD_MechMtrPos2TimeStamp_uSec_G_u32[1]	5283
CDD_ModIdxFinal_Uls_G_u16p16[0]	16161
CDD_ModIdxFinal_Uls_G_u16p16[1]	16167
CDD_MtrCurr1_Volts_G_f32[0]	1.01579762
CDD_MtrCurr1_Volts_G_f32[1]	2.01579762
CDD_MtrCurr2_Volts_G_f32[0] CDD_MtrCurr2_Volts_C_f32[1]	1.01579762 2.01579762
CDD_MtrCurr2_Volts_G_f32[1] CDD_MtrCurrDax_Amp_G_f32[0]	141.156998
CDD_MtrCurrDax_Amp_G_f32[1]	151.380005
CDD_MtrCurrK1_Amps_G_f32[0]	70.8300018
CDD_MtrCurrK1_Amps_G_f32[1]	90.5599976
CDD_MtrCurrK2_Amps_G_f32[0]	50
CDD_MtrCurrK2_Amps_G_f32[1]	60
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	25.3600006
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	35.8899994
CDD_MtrCurrQax_Amp_G_f32[0]	10.25
CDD_MtrCurrQax_Amp_G_f32[1]	15.3599997
CDD_PWMDutyCycleASum_Cnt_G_u32[0]	1631
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	1917
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	262
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	648
CDD_PWMDutyCycleCSum_Cnt_G_u32[0] CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	5745 8275
CDD_PhaseAdvFinal_Cnt_G_u16[0]	142
CDD_PhaseAdvFinal_Cnt_G_u16[1]	158
CDD RxMtrPos1ParityAccum Cnt G u16[0]	3083
CDD_RxMtrPos1ParityAccum_Cnt_G_u16[1]	4161
CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[0]	100
CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[1]	150
CDD_SysCVSwitchADC_Cnt_G_u16[0]	5382
CDD_SysCVSwitchADC_Cnt_G_u16[1]	7714
CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[0]	28180
CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[1]	28836
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	28180
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	28836
PXAccumPrev_Cnt_M_u32[0]	4898
PXAccumPrev_Cnt_M_u32[1]	6966 EE464
PXAccumPrev_Cnt_M_u32[2] Rte_Inst_Sa_CDDInterface	55464
Rte_Inst_Sa_CDDInterface e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	tgt_Rte_Inst_Sa_CDDInterface 846061
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	145956
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	645963

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Name	Input Value		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr1_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_	f32	
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 ADCMtrCurr2 Volts f32	tgt CDDInterface Per1 ADCMtrCurr2 Volts		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32	tgt_CDDInterface_Per1_CorrMtrCurrPosition		
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 CorrectedElecMtrPosFloat Rev	tgt_CDDInterface_Per1_CorrectedElecMtrPo		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CumMechMtrPos_Rev_f32	tgt_CDDInterface_Per1_CumMechMtrPos_R	ev_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxError_Cnt_u16	tgt_CDDInterface_Per1_Die1RxError_Cnt_u1	16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_	target_CDDInterface_Per1_Die1UnderVoltgF	ltAccum_Cnt_u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxMtrPos_Cnt_u16	tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_	u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxRevCtr_Cnt_u16	tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_	u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxError_Cnt_u16	tgt_CDDInterface_Per1_Die2RxError_Cnt_u1	16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxMtrPos_Cnt_u16	tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_	u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxRevCtr_Cnt_u16	tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_	u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeA_	Cnt_u32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeB_	Cnt_u32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeC_	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_LRPRPhaseadvanceCaptured_	tgt_CDDInterface_Per1_LRPRPhaseadvance		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeA_	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeB_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeC_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MechMtrPos1TimeStamp_USe	tgt_CDDInterface_Per1_MechMtrPos1TimeS	·	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MechMtrPos2TimeStamp_USe			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ModIdxFinal_UIs_f32	tgt_CDDInterface_Per1_ModIdxFinal_Uls_f32		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrDax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrDax_Amp_f3		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK1_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK2_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32	tgt_CDDInterface_Per1_MtrCurrQaxFinalRef		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrQax_Amp_f3		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u	tgt_CDDInterface_Per1_RxMtrPos1ParityAcc		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCVSwitchADC_Cnt_u16	tgt_CDDInterface_Per1_SysCVSwitchADC_0	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCorrectedElecMtrPos_Rev_ tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_UncorrMechMtrPos1_Rev_u0p	tgt_CDDInterface_Per1_SysCorrectedElecMt tgt_CDDInterface_Per1_UncorrMechMtrPos1		
			Dogulé
Name	Actual Value		Result
CDD_CDDDataAccessBfr_Cnt_G_u16	0	0	~
PXAccumPrev_Cnt_M_u32[0]	105757 18244	105757 18244	J
PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2]	80745	80745	~
target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	150	150	Ĵ
tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value	2.01579762	2.01579762 ± 0.0625	✓
tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value	2.01579762	2.01579762 ± 0.0625	_
tgt CDDInterface Per1 CorrMtrCurrPosition Rev f32.value	6779	6779	✓
tgt CDDInterface Per1 CorrectedElecMtrPosFloat Rev f32.value	0.429992676	0.429992676	_
tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value	28180	28180	✓
tgt CDDInterface Per1 CumMechMtrPos Rev f32.value	0.0599975586	0.0599975586 ± 0.0625	_
tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value	4535	4535	✓
tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value	3039	3039	~
tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value	4161	4161	✓
tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value	184	184	~
tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value	5470	5470	✓
tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value	184	184	~
	1917	1917	✓
tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value	1917		
tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value	648	648	~
			~
tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value	648	648	~
tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value	648 8275	648 8275	✓
tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value	648 8275 14 100859 11278	648 8275 14 100859 11278	<i>y</i>
tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value	648 8275 14 100859 11278 25281	648 8275 14 100859 11278 25281	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value	648 8275 14 100859 11278 25281 200	648 8275 14 100859 11278 25281 200	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value	648 8275 14 100859 11278 25281 200 5283	648 8275 14 100859 11278 25281 200 5283	~
tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_ModIdxFinal_UIs_f32.value	648 8275 14 100859 11278 25281 200 5283 0.246688843	648 8275 14 100859 11278 25281 200 5283 0.246704102 ± 0.0625	
tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_ModIdxFinal_Uls_f32.value tgt_CDDInterface_Per1_ModIdxFinal_Uls_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value	648 8275 14 100859 11278 25281 200 5283 0.246688843 151.380005	648 8275 14 100859 11278 25281 200 5283 0.246704102 ± 0.0625 151.380005	
tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_ModIdxFinal_UIs_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32.value	648 8275 14 100859 11278 25281 200 5283 0.246688843 151.380005 90.5599976	648 8275 14 100859 11278 25281 200 5283 0.246704102 ± 0.0625 151.380005 90.5599976	
tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_ModIdxFinal_UIs_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value	648 8275 14 100859 11278 25281 200 5283 0.246688843 151.380005 90.5599976 60	648 8275 14 100859 11278 25281 200 5283 0.246704102 ± 0.0625 151.380005 90.5599976 60	
tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_ModldxFinal_Uls_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value	648 8275 14 100859 11278 25281 200 5283 0.246688843 151.380005 90.5599976 60 35.8899994	648 8275 14 100859 11278 25281 200 5283 0.246704102 ± 0.0625 151.380005 90.5599976 60 35.8899994	
tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MedldxFinal_UIs_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrR2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value	648 8275 14 100859 11278 25281 200 5283 0.246688843 151.380005 90.5599976 60 35.8899994 15.3599997	648 8275 14 100859 11278 25281 200 5283 0.246704102 ± 0.0625 151.380005 90.5599976 60 35.8899994 15.3599997	
tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_ModIdxFinal_UIs_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value	648 8275 14 100859 11278 25281 200 5283 0.246688843 151.380005 90.5599976 60 35.8899994 15.3599997 4161	648 8275 14 100859 11278 25281 200 5283 0.246704102 ± 0.0625 151.380005 90.5599976 60 35.8899994 15.3599997 4161	
tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MedldxFinal_UIs_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrCaxFinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u16.value tgt_CDDInterface_Per1_SysCVSwitchADC_Cnt_u16.value	648 8275 14 100859 11278 25281 200 5283 0.246688843 151.380005 90.5599976 60 35.8899994 15.3599997 4161 7714	648 8275 14 100859 11278 25281 200 5283 0.246704102 ± 0.0625 151.380005 90.5599976 60 35.8899994 15.3599997 4161 7714	
tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MedidxFinal_UIs_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrCaxFinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_FinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value	648 8275 14 100859 11278 25281 200 5283 0.246688843 151.380005 90.5599976 60 35.8899994 15.3599997 4161	648 8275 14 100859 11278 25281 200 5283 0.246704102 ± 0.0625 151.380005 90.5599976 60 35.8899994 15.3599997 4161	



Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
CDDPorts_ClearPhsReasSum	1	CDDPorts_ClearPhsReasSum	1	~

Test Step 2.107 (Repeat Count = 1)	
Name	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16	1
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	5624.16992
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	8088.27979
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	28180
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	28836
CDD_CumMechMtrPos_Rev_G_s15p16[0]	3997
CDD_CumMechMtrPos_Rev_G_s15p16[1]	4063
CDD_Die1RxError_Cnt_G_u16[0]	2357
CDD_Die1RxError_Cnt_G_u16[1] CDD_Die1RxMtrPos_Cnt_G_u16[0]	3039 166
CDD_DIe1RxMtrPos_Cnt_G_u10[0] CDD_Die1RxMtrPos_Cnt_G_u10[1]	168
CDD_Die1RxRevCtr_Cnt_G_u16[0]	166
CDD_Die1RxRevCtr_Cnt_G_u16[1]	168
CDD_Die2RxError_Cnt_G_u16[0]	2357
CDD_Die2RxError_Cnt_G_u16[1]	3039
CDD_Die2RxMtrPos_Cnt_G_u16[0]	100
CDD_Die2RxMtrPos_Cnt_G_u16[1]	150
CDD_Die2RxRevCtr_Cnt_G_u16[0]	190
CDD_Die2RxRevCtr_Cnt_G_u16[1]	192
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	5866
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	8462
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0]	100
CDD_MechMtrPos2TimeStamp_uSec_G_u32[1]	150
CDD_ModIdxFinal_Uls_G_u16p16[0]	20532
CDD_ModIdxFinal_Uls_G_u16p16[1]	20538
CDD_MtrCurr1_Volts_G_f32[0]	1.01605237
CDD_MtrCurr1_Volts_G_f32[1]	2.01605248
CDD_MtrCurr2_Volts_G_f32[0]	1.01605237
CDD_MtrCurr2_Volts_G_f32[1]	2.01605248
CDD_MtrCurrDax_Amp_G_f32[0]	100.264999
CDD_MtrCurrDax_Amp_G_f32[1]	110.487999
CDD_MtrCurrK1_Amps_G_f32[0]	72.5
CDD_MtrCurrK1_Amps_G_f32[1]	93.2900009 55.7999992
CDD_MtrCurrK2_Amps_G_f32[0] CDD_MtrCurrK2_Amps_G_f32[1]	65.9000015
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	40.4700012
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	56.4199982
CDD_MtrCurrQax_Amp_G_f32[0]	25.3600006
CDD_MtrCurrQax_Amp_G_f32[1]	35.8899994
CDD_PWMDutyCycleASum_Cnt_G_u32[0]	1752
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	2104
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	270
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	704
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	5628
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	8097
CDD_PhaseAdvFinal_Cnt_G_u16[0]	150
CDD_PhaseAdvFinal_Cnt_G_u16[1]	159
CDD_RxMtrPos1ParityAccum_Cnt_G_u16[0]	3204
CDD_RxMtrPos1ParityAccum_Cnt_G_u16[1]	4348
CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[0]	126
CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[1]	156
CDD_SysCVSwitchADC_Cnt_G_u16[0]	5503
CDD_SysCVSwitchADC_Cnt_G_u16[1]	7901
CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[0]	0
CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[1]	25559
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	0
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	25559
PXAccumPrev_Cnt_M_u32[0]	0
PXAccumPrev_Cnt_M_u32[1]	0
PXAccumPrev_Cnt_M_u32[2] Pto_Inst_Sa_CDDInterface	0 tot Pto Inct Sa CDDInterface
Rte_Inst_Sa_CDDInterface e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	tgt_Rte_Inst_Sa_CDDInterface 545942
e_HETPROGRAM1_UN.Program1_ST.PTACC_1.memory.data_word e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	645963
e_HETPROGRAMI_UN.Program1_ST.P3ACC_1.memory.data_word	145970
TIETH NOONANT ON TOGRAM OT TOACO TIMEMOTY. Uata Wold	140010

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Name	Input Value		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr1_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr1_Volts	f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr2_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr2_Volts		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32	tgt_CDDInterface_Per1_CorrMtrCurrPosition		
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPosFloat_Revenue and the property of the prop$	tgt_CDDInterface_Per1_CorrectedElecMtrPo	sFloat_Rev_f32	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0r$	tgt_CDDInterface_Per1_CorrectedElecMtrPo	s_Rev_u0p16	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CumMechMtrPos_Rev_f32$	tgt_CDDInterface_Per1_CumMechMtrPos_R	ev_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxError_Cnt_u16	tgt_CDDInterface_Per1_Die1RxError_Cnt_u	16	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_Inst_Sa_CDDInterface_Per1_Die1UnderV$	target_CDDInterface_Per1_Die1UnderVoltgF		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxMtrPos_Cnt_u16	tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxRevCtr_Cnt_u16	tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxError_Cnt_u16	tgt_CDDInterface_Per1_Die2RxError_Cnt_u		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxMtrPos_Cnt_u16	tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxRevCtr_Cnt_u16 tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32	tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_ tgt_CDDInterface_Per1_ExpectedOnTimeA_		
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 ExpectedOnTimeB Cnt u32	tgt_CDDInterface_Per1_ExpectedOnTimeB_		
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 ExpectedOnTimeC Cnt u32	tgt CDDInterface Per1 ExpectedOnTimeC		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_LRPRPhaseadvanceCaptured_	tgt_CDDInterface_Per1_LRPRPhaseadvance	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeA_	Cnt_u32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeB_	_Cnt_u32	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32$	tgt_CDDInterface_Per1_MeasuredOnTimeC_	Cnt_u32	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MechMtrPos1TimeStamp_USerror = 0.0000000000000000000000000000000000$	tgt_CDDInterface_Per1_MechMtrPos1TimeS	tamp_USec_u32	
	tgt_CDDInterface_Per1_MechMtrPos2TimeS		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ModIdxFinal_UIs_f32	tgt_CDDInterface_Per1_ModIdxFinal_UIs_f3:		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrDax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrDax_Amp_f3		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK1_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK2_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32	tgt_CDDInterface_Per1_MtrCurrQaxFinalRef		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrQax_Amp_f3		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCVSwitchADC_Cnt_u16	tgt_CDDInterface_Per1_RxMtrPos1ParityAcc tgt_CDDInterface_Per1_SysCVSwitchADC_0		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCorrectedElecMtrPos_Rev_	tgt_CDDInterface_Per1_SysCorrectedElecMi	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_UncorrMechMtrPos1_Rev_u0p	tgt_CDDInterface_Per1_UncorrMechMtrPos1		
Name	Actual Value		Result
CDD_CDDDataAccessBfr_Cnt_G_u16	0	0	- toouic
PXAccumPrev_Cnt_M_u32[0]	68242	68242	✓
PXAccumPrev_Cnt_M_u32[1]	80745	80745	~
PXAccumPrev_Cnt_M_u32[2]	18246	18246	✓
target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	156	156	~
tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value	2.01605248	2.01605248 ± 0.0625	✓
tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value	2.01605248	2.01605248 ± 0.0625	~
tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value	8088.27979	8088.27979	✓
tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value	0.440002441	0.440002441	~
tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value	28836	28836	✓
tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value	0.06199646	0.06199646 ± 0.0625	✓
tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value	3039	3039	~
tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value	168	168	~
tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value	168 3039	168 3039	Ž
tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value	150	150	~
tgt_CDDInterface_rer1_Die2RxRevCtr_Cnt_u16.value	192	192	Ž
tgt_CDDInterface_ren_blezrkrieveta_Cnt_uno.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value	2104	2104	~
tgt CDDInterface Per1 ExpectedOnTimeB Cnt u32.value	704	704	~
tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value	8097	8097	✓
tgt_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value	14	14	~
tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value	68242	68242	~
tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value			~
tgt_obblitteriace_ref_twicasaredefffilleb_off_ace_value	80745	80745	
tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value	80745 18246	80745 18246	~
tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value	18246 8462	18246 8462	~
tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value	18246 8462 150	18246 8462 150	V
tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_ModIdxFinal_UIs_f32.value	18246 8462 150 0.31338501	18246 8462 150 0.313400269 ± 0.0625	\ \ \
tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_ModIdxFinal_UIs_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value	18246 8462 150 0.31338501 110.487999	18246 8462 150 0.313400269 ± 0.0625 110.487999	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_ModldxFinal_UIs_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32.value	18246 8462 150 0.31338501 110.487999 93.2900009	18246 8462 150 0.313400269 ± 0.0625 110.487999 93.2900009	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_ModIdxFinal_UIs_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value	18246 8462 150 0.31338501 110.487999 93.2900009 65.9000015	18246 8462 150 0.313400269 ± 0.0625 110.487999 93.2900009 65.9000015	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_ModIdxFinal_UIs_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value	18246 8462 150 0.31338501 110.487999 93.2900009 65.9000015 56.4199982	18246 8462 150 0.313400269 ± 0.0625 110.487999 93.2900009 65.9000015 56.4199982	~
tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_ModIdxFinal_UIs_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value	18246 8462 150 0.31338501 110.487999 93.2900009 65.9000015 56.4199982 35.8899994	18246 8462 150 0.313400269 ± 0.0625 110.487999 93.2900009 65.9000015 56.4199982 35.8899994	· · · · · · · · · · · · · · · · · · ·
tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_ModIdxFinal_UIs_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u16.value	18246 8462 150 0.31338501 110.487999 93.2900009 65.9000015 56.4199982 35.8899994 4348	18246 8462 150 0.313400269 ± 0.0625 110.487999 93.2900009 65.9000015 56.4199982 35.8899994 4348	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_ModIdxFinal_UIs_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value	18246 8462 150 0.31338501 110.487999 93.2900009 65.9000015 56.4199982 35.8899994	18246 8462 150 0.313400269 ± 0.0625 110.487999 93.2900009 65.9000015 56.4199982 35.8899994	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \





Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
CDDPorts_ClearPhsReasSum	1	CDDPorts_ClearPhsReasSum	1	~

Test Step 2.108 (Repeat Count = 1)	→
Name	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16	0
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	5745.14014
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	8275.25
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	0
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	25559
CDD_CumMechMtrPos_Rev_G_s15p16[0]	-4128 -4194
CDD_CumMechMtrPos_Rev_G_s15p16[1] CDD_Die1RxError_Cnt_G_u16[0]	166
CDD_Die1RxError_Cnt_G_u16[1]	168
CDD_Die1RxMtrPos_Cnt_G_u16[0]	174
CDD_Die1RxMtrPos_Cnt_G_u16[1]	176
CDD_Die1RxRevCtr_Cnt_G_u16[0]	174
CDD_Die1RxRevCtr_Cnt_G_u16[1]	176
CDD_Die2RxError_Cnt_G_u16[0]	166
CDD_Die2RxError_Cnt_G_u16[1]	168
CDD_Die2RxMtrPos_Cnt_G_u16[0]	126
CDD_Die2RxMtrPos_Cnt_G_u16[1]	156
CDD_Die2RxRevCtr_Cnt_G_u16[0]	198
CDD_Die2RxRevCtr_Cnt_G_u16[1]	200
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	5987
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	8649
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0]	126 156
CDD_MechMtrPos2TimeStamp_uSec_G_u32[1] CDD_ModldxFinal_Uls_G_u16p16[0]	27007
CDD_ModIdxFinal_Uls_G_u16p16[1]	27013
CDD MtrCurr1 Volts G f32[0]	2.01630712
CDD_MtrCurr1_Volts_G_f32[1]	1.01630723
CDD_MtrCurr2_Volts_G_f32[0]	2.01630712
CDD_MtrCurr2_Volts_G_f32[1]	1.01630723
CDD_MtrCurrDax_Amp_G_f32[0]	-134.268005
CDD_MtrCurrDax_Amp_G_f32[1]	-123.785004
CDD_MtrCurrK1_Amps_G_f32[0]	74.1699982
CDD_MtrCurrK1_Amps_G_f32[1]	96.0390015
CDD_MtrCurrK2_Amps_G_f32[0]	-68.6399994
CDD_MtrCurrK2_Amps_G_f32[1]	-57.4700012
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	55.5800018
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	76.9499969
CDD_MtrCurrQax_Amp_G_f32[0]	40.4700012 56.4199982
CDD_MtrCurrQax_Amp_G_f32[1] CDD PWMDutyCycleASum Cnt G u32[0]	1873
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	2291
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	278
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	760
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	4656
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	6592
CDD_PhaseAdvFinal_Cnt_G_u16[0]	158
CDD_PhaseAdvFinal_Cnt_G_u16[1]	160
CDD_RxMtrPos1ParityAccum_Cnt_G_u16[0]	3325
CDD_RxMtrPos1ParityAccum_Cnt_G_u16[1]	4535
CDD_RxMtrPos1UnderVoltgFitAccum_Cnt_u16[0]	2357
CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[1]	3039
CDD_SysCVSwitchADC_Cnt_G_u16[0]	5624
CDD_SysCVSwitchADC_Cnt_G_u16[1]	8088
CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[0] CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[1]	0
CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[1] CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	26214 0
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	26214
PXAccumPrev_Cnt_M_u32[0]	536870911
PXAccumPrev_Cnt_M_u32[1]	536870911
PXAccumPrev_Cnt_M_u32[2]	536870911
Rte_Inst_Sa_CDDInterface	tgt_Rte_Inst_Sa_CDDInterface
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	145949
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	145970

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	I		
Name	Input Value		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr1_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_	_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr2_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_	_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32	tgt_CDDInterface_Per1_CorrMtrCurrPosition_	_Rev_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev	tgt_CDDInterface_Per1_CorrectedElecMtrPo	sFloat_Rev_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p			
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 CumMechMtrPos Rev f32	tgt CDDInterface Per1 CumMechMtrPos Rev f32		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxError_Cnt_u16	tgt_CDDInterface_Per1_Die1RxError_Cnt_u1	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_	target_CDDInterface_Per1_Die1UnderVoltgF		
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 Die1RxMtrPos Cnt u16			
	tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxRevCtr_Cnt_u16	tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxError_Cnt_u16	tgt_CDDInterface_Per1_Die2RxError_Cnt_u1		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxMtrPos_Cnt_u16	tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxRevCtr_Cnt_u16	tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_	u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeA_0	Cnt_u32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeB_t	Cnt_u32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeC_	Cnt_u32	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_LRPRPhase advance Captured_Per1_LRPRPhase advance Captured_Per1_LRPRPPhase CaptureD_Per1_LRPPhase Advan$	tgt_CDDInterface_Per1_LRPRPhaseadvance	eCaptured_Cnt_s16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeA_	_Cnt_u32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeB_	Cnt_u32	
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 MeasuredOnTimeC Cnt u32	tgt_CDDInterface_Per1_MeasuredOnTimeC_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MechMtrPos1TimeStamp_USe			
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 MechMtrPos2TimeStamp USe		·	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ModIdxFinal_UIs_f32	tgt CDDInterface Per1 ModIdxFinal Uls f32		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Perl_MtrCurrDax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrDax_Amp_f3		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK1_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK2_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32	tgt_CDDInterface_Per1_MtrCurrQaxFinalRef		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrQax_Amp_f3	32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u	tgt_CDDInterface_Per1_RxMtrPos1ParityAcc	cum_Cnt_u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCVSwitchADC_Cnt_u16	tgt_CDDInterface_Per1_SysCVSwitchADC_0	Cnt_u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCorrectedElecMtrPos_Rev_	tgt_CDDInterface_Per1_SysCorrectedElecMt	rPos_Rev_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_UncorrMechMtrPos1_Rev_u0p	tgt_CDDInterface_Per1_UncorrMechMtrPos1	_Rev_u0p16	
Name	Actual Value	Expected Value	Dogule
		Expected value	Result
	1	•	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	1	1	~
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0]	18243	1 18243	*
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1]	18243 18246	1 18243 18246	\ \ \
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2]	18243 18246 18247	1 18243 18246 18247	· · ·
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	18243 18246 18247 2357	1 18243 18246 18247 2357	***
CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value	18243 18246 18247 2357 2.01630712	1 18243 18246 18247 2357 2.01630712 ± 0.0625	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
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CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeS_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeS_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeS_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_FinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_FinalRef_Amp_f32.value	18243 18246 18247 2357 2.01630712 2.01630712 5745.14014 0 0 -0.0629882813 166 174 174 166 126 198 1873 278 4656 14 18244 18247 18248 5987 126 0.412094116 -134.268005 74.169982 -68.6399994 55.5800018 40.4700012 3325	1 18243 18246 18247 2357 2.01630712 ± 0.0625 2.01630712 ± 0.0625 5745.14014 0 0 -0.06300354 ± 0.0625 166 174 174 166 126 198 1873 278 4656 14 18244 18247 18248 18987 126 0.412094116 ± 0.0625 -134.268005 74.169982 -68.639994 55.580018 40.4700012 3325	
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CDD_CDDDataAccessBfr_Cnt_G_u16 PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2] target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeS_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeS_Cnt_u32.value tgt_CDDInterface_Per1_MeasuredOnTimeS_Cnt_u32.value tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_FinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_FinalRef_Amp_f32.value	18243 18246 18247 2357 2.01630712 2.01630712 5745.14014 0 0 -0.0629882813 166 174 174 166 126 198 1873 278 4656 14 18244 18247 18248 5987 126 0.412094116 -134.268005 74.169982 -68.6399994 55.5800018 40.4700012 3325	1 18243 18246 18247 2357 2.01630712 ± 0.0625 2.01630712 ± 0.0625 5745.14014 0 0 -0.06300354 ± 0.0625 166 174 174 166 126 198 1873 278 4656 14 18244 18247 18248 18987 126 0.412094116 ± 0.0625 -134.268005 74.169982 -68.639994 55.580018 40.4700012 3325	



Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
CDDPorts_ClearPhsReasSum	1	CDDPorts_ClearPhsReasSum	1	~

Test Step 2.109 (Repeat Count = 1)	
Name	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16	1
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	5628.27979
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	8097.25
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	0
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	26214
CDD_CumMechMtrPos_Rev_G_s15p16[0]	425
CDD_CumMechMtrPos_Rev_G_s15p16[1]	432
CDD_Die1RxError_Cnt_G_u16[0]	3204
CDD_Die1RxError_Cnt_G_u16[1] CDD_Die1RxMtrPos_Cnt_G_u16[0]	4348 182
CDD_Die1RxMitrPos_Cnt_G_u16[1]	184
CDD_Die1RxRevCtr_Cnt_G_u16[0]	182
CDD_Die1RxRevCtr_Cnt_G_u16[1]	184
CDD_Die2RxError_Cnt_G_u16[0]	3204
CDD_Die2RxError_Cnt_G_u16[1]	4348
CDD_Die2RxMtrPos_Cnt_G_u16[0]	2357
CDD_Die2RxMtrPos_Cnt_G_u16[1]	3039
CDD_Die2RxRevCtr_Cnt_G_u16[0]	3083
CDD_Die2RxRevCtr_Cnt_G_u16[1]	4161
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	6108
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	8836
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0]	2357
CDD_MechMtrPos2TimeStamp_uSec_G_u32[1]	3039
CDD_ModIdxFinal_Uls_G_u16p16[0]	34347
CDD_ModIdxFinal_UIs_G_u16p16[1]	34353
CDD_MtrCurr1_Volts_G_f32[0] CDD_MtrCurr1_Volts_G_f32[1]	2.01656199 1.01656199
CDD_MtrCurr2_Volts_G_f32[0]	1.01656199
CDD_MtrCurr2_Volts_G_f32[1]	2.01656199
CDD_MtrCurrDax_Amp_G_f32[0]	147.304993
CDD_MtrCurrDax_Amp_G_f32[1]	158.048004
CDD_MtrCurrK1_Amps_G_f32[0]	-74
CDD_MtrCurrK1_Amps_G_f32[1]	-64
CDD_MtrCurrK2_Amps_G_f32[0]	59.1399994
CDD_MtrCurrK2_Amps_G_f32[1]	71.3799973
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	-97.4800034
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	-70.6900024
CDD_MtrCurrQax_Amp_G_f32[0]	55.5800018
CDD_MtrCurrQax_Amp_G_f32[1]	76.9499969
CDD_PWMDutyCycleASum_Cnt_G_u32[0]	1994
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	2478
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	286 816
CDD_PWMDutyCycleBSum_Cnt_G_u32[1] CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	4777
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	6779
CDD_PhaseAdvFinal_Cnt_G_u16[0]	166
CDD_PhaseAdvFinal_Cnt_G_u16[1]	168
CDD RxMtrPos1ParityAccum Cnt G u16[0]	3325
CDD_RxMtrPos1ParityAccum_Cnt_G_u16[1]	4535
CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[0]	142
CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[1]	158
CDD_SysCVSwitchADC_Cnt_G_u16[0]	5745
CDD_SysCVSwitchADC_Cnt_G_u16[1]	8275
CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[0]	0
CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[1]	27525
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	0
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	25559
PXAccumPrev_Cnt_M_u32[0]	2236
PXAccumPrev_Cnt_M_u32[1]	2852
PXAccumPrev_Cnt_M_u32[2] Pto Inst Sa_CDDInterface	79964
Rte_Inst_Sa_CDDInterface e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	tgt_Rte_Inst_Sa_CDDInterface 145956
e_HETPROGRAMI_UN.Program1_ST.P1ACC_1.memory.data_word e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	145977
e_HETPROGRAMI_UN.Program1_ST.P3ACC_1.memory.data_word	845984

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Name	Input Value		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr1_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr1_Volts	f32	
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 ADCMtrCurr2 Volts f32	tgt_CDDInterface_Fer1_ADCMitCurr1_voits_132 tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32	tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32		
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 CorrectedElecMtrPosFloat Rev			
	1		
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 CumMechMtrPos Rev f32	tgt CDDInterface Per1 CumMechMtrPos R		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxError_Cnt_u16	tgt_CDDInterface_Per1_Die1RxError_Cnt_u	16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_	target_CDDInterface_Per1_Die1UnderVoltgF	ItAccum_Cnt_u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxMtrPos_Cnt_u16	tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_	_u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxRevCtr_Cnt_u16	tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_	u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxError_Cnt_u16	tgt_CDDInterface_Per1_Die2RxError_Cnt_u	16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxMtrPos_Cnt_u16	tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_	_u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxRevCtr_Cnt_u16	tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_	u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeA_	-	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeB_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeC_	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_LRPRPhaseadvanceCaptured_	tgt_CDDInterface_Per1_LRPRPhaseadvance		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeA_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeB_	-	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeC_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MechMtrPos1TimeStamp_USe- tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MechMtrPos2TimeStamp_USe-	tgt_CDDInterface_Per1_MechMtrPos1TimeS	·	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MecnintrPos21ImeStamp_USeitgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ModIdxFinal_UIs_f32	tgt_CDDInterface_Per1_MechMtrPos2TimeS tgt_CDDInterface_Per1_ModIdxFinal_Uls_f3:		
tgt_Rte_inst_Sa_CDDInterface.CDDInterface_Per1_MiodidxFinal_ois_132 tgt_Rte_inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrDax_Amp_f32	tgt CDDInterface Per1 MtrCurrDax Amp f3		
tgt_Rte_inst_Sa_coolinterface.coolinterface_Per1_MtrCurrK1_Amp_is2 tgt_Rte_inst_Sa_coolinterface.coolinterface_Per1_MtrCurrK1_Amp_is2	tgt_CDDInterface_Per1_MtrCurrK1_Amp_i3		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK2_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32	tgt_CDDInterface_Per1_MtrCurrQaxFinalRef		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrQax_Amp_f3		
	tgt_CDDInterface_Per1_RxMtrPos1ParityAcc		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCVSwitchADC_Cnt_u16	tgt_CDDInterface_Per1_SysCVSwitchADC_0		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCorrectedElecMtrPos_Rev_	tgt_CDDInterface_Per1_SysCorrectedElecMi	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_UncorrMechMtrPos1_Rev_u0p	tgt_CDDInterface_Per1_UncorrMechMtrPos1		
Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	0	0	~
PXAccumPrev_Cnt_M_u32[0]	18244	18244	✓
PXAccumPrev_Cnt_M_u32[1]	18247	18247	~
PXAccumPrev_Cnt_M_u32[2]	105748	105748	✓
target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	158	158	~
tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value	1.01656199	1.01656199 ± 0.0625	~
tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value	2.01656199	2.01656199 ± 0.0625	~
tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value	8097.25	8097.25	~
tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value	0.399993896	0.399993896	√
tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value	26214	26214	~
tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value	0.00659179688 4348	0.00660705566 ± 0.0625 4348	-
tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value	184	184	J
tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value	184	184	~
tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value	4348	4348	,
tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value	3039	3039	✓
tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value	4161	4161	~
tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value	2478	2478	✓
tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value	816	816	~
tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value	6779	6779	~
tgt_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value	15	15	~
tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value	16008	16008	~
tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value	15395	15395	~
tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value	25784	25784	✓
tot CDDIstorfoso Dard MachMtrDoodTimeCtoms LICon (22) value			✓
tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value	8836	8836	
tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value	8836 3039	3039	
tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_ModIdxFinal_UIs_f32.value	8836 3039 0.524185181	3039 0.524200439 ± 0.0625	~
tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_ModldxFinal_UIs_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value	8836 3039 0.524185181 158.048004	3039 0.524200439 ± 0.0625 158.048004	✓
tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_ModIdxFinal_UIs_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32.value	8836 3039 0.524185181 158.048004 -64	3039 0.524200439 ± 0.0625 158.048004 -64	\ \ \
tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_ModIdxFinal_UIs_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value	8836 3039 0.524185181 158.048004 -64 71.3799973	3039 0.524200439 ± 0.0625 158.048004 -64 71.3799973	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_ModIdxFinal_UIs_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value	8836 3039 0.524185181 158.048004 -64 71.3799973 -70.6900024	3039 0.524200439 ± 0.0625 158.048004 -64 71.3799973 -70.6900024	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_ModIdxFinal_UIs_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value	8836 3039 0.524185181 158.048004 -64 71.3799973 -70.6900024 76.9499969	3039 0.524200439 ± 0.0625 158.048004 -64 71.3799973 -70.6900024 76.9499969	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_ModIdxFinal_UIs_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u16.value	8836 3039 0.524185181 158.048004 -64 71.3799973 -70.6900024 76.9499969 4535	3039 0.524200439 ± 0.0625 158.048004 -64 71.3799973 -70.6900024 76.9499969 4535	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value tgt_CDDInterface_Per1_ModIdxFinal_UIs_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value	8836 3039 0.524185181 158.048004 -64 71.3799973 -70.6900024 76.9499969	3039 0.524200439 ± 0.0625 158.048004 -64 71.3799973 -70.6900024 76.9499969	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \



Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
CDDPorts_ClearPhsReasSum	1	CDDPorts_ClearPhsReasSum	1	~

Test Step 2.110 (Repeat Count = 1)	
Name	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16	1
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	2841.84009
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	3787.28003
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	0
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	28180
CDD_CumMechMtrPos_Rev_G_s15p16[0]	30801
CDD_CumMechMtrPos_Rev_G_s15p16[1]	31457
CDD_Die1RxError_Cnt_G_u16[0]	3083
CDD_Die1RxError_Cnt_G_u16[1] CDD_Die1RxMtrPos_Cnt_G_u16[0]	4161 3083
CDD_Die1RxMtrPos_Cnt_G_u16[1]	4161
CDD_Die1RxRevCtr_Cnt_G_u16[0]	2357
CDD_Die1RxRevCtr_Cnt_G_u16[1]	3039
CDD_Die2RxError_Cnt_G_u16[0]	182
CDD_Die2RxError_Cnt_G_u16[1]	184
CDD_Die2RxMtrPos_Cnt_G_u16[0]	4656
CDD_Die2RxMtrPos_Cnt_G_u16[1]	6592
CDD_Die2RxRevCtr_Cnt_G_u16[0]	3930
CDD_Die2RxRevCtr_Cnt_G_u16[1]	5470
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	6350
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	9210
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0]	150
CDD_MechMtrPos2TimeStamp_uSec_G_u32[1]	159
CDD_ModIdxFinal_Uls_G_u16p16[0]	34347
CDD_ModIdxFinal_Uls_G_u16p16[1] CDD MtrCurr1 Volts G f32[0]	34353
CDD MtrCurr1 Volts G f32[1]	2.01656199 1.01656199
CDD_MtrCurr2_Volts_G_f32[0]	1.01656199
CDD_MtrCurr2_Volts_G_f32[1]	2.01656199
CDD_MtrCurrDax_Amp_G_f32[0]	-200.130005
CDD_MtrCurrDax_Amp_G_f32[1]	-146.240005
CDD_MtrCurrK1_Amps_G_f32[0]	-74
CDD_MtrCurrK1_Amps_G_f32[1]	-64
CDD_MtrCurrK2_Amps_G_f32[0]	59.1399994
CDD_MtrCurrK2_Amps_G_f32[1]	71.3799973
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	-97.4800034
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	-70.6900024
CDD_MtrCurrQax_Amp_G_f32[0]	-168.791
CDD_MtrCurrQax_Amp_G_f32[1]	-159.533997
CDD_PWMDutyCycleASum_Cnt_G_u32[0]	1994
CDD_PWMDutyCycleASum_Cnt_G_u32[1] CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	2478 286
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	816
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	5019
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	7153
CDD_PhaseAdvFinal_Cnt_G_u16[0]	166
CDD_PhaseAdvFinal_Cnt_G_u16[1]	168
CDD_RxMtrPos1ParityAccum_Cnt_G_u16[0]	3204
CDD_RxMtrPos1ParityAccum_Cnt_G_u16[1]	4348
CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[0]	0
CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[1]	0
CDD_SysCVSwitchADC_Cnt_G_u16[0]	4656
CDD_SysCVSwitchADC_Cnt_G_u16[1]	6592
CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[0]	28180
CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[1]	28836
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	28180
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	28836
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1]	5140 7340
PXAccumPrev_Cnt_M_u32[1] PXAccumPrev_Cnt_M_u32[2]	57914
Rte_Inst_Sa_CDDInterface	tgt_Rte_Inst_Sa_CDDInterface
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	145956
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	145977
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	845984

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Name	Input Value		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr1_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr1_Volts	:_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr2_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr2_Volts	<u>-</u> f32	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32$	tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPosFloat_Re			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CumMechMtrPos_Rev_f32	tgt_CDDInterface_Per1_CumMechMtrPos_F	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxError_Cnt_u16 tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_	tgt_CDDInterface_Per1_Die1RxError_Cnt_u target_CDDInterface_Per1_Die1UnderVoltgf		
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 Die1RxMtrPos Cnt u16	tgt CDDInterface Per1 Die1RxMtrPos Cnt		
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 Die1RxRevCtr Cnt u16	tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxError_Cnt_u16	tgt_CDDInterface_Per1_Die2RxError_Cnt_u	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxMtrPos_Cnt_u16	tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_	_u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxRevCtr_Cnt_u16	tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_	_u16	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32$	tgt_CDDInterface_Per1_ExpectedOnTimeA_	_Cnt_u32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeB_	- -	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeC_	-	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_LRPRPhaseadvanceCaptured_			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32 tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeA tgt_CDDInterface_Per1_MeasuredOnTimeB		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeC		
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 MechMtrPos1TimeStamp USe			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MechMtrPos2TimeStamp_USe			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ModIdxFinal_Uls_f32	tgt_CDDInterface_Per1_ModIdxFinal_Uls_f3		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrDax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrDax_Amp_f:		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK1_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32	2	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK2_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK2_Amp_f33	2	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32	tgt_CDDInterface_Per1_MtrCurrQaxFinalRe	f_Amp_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrQax_Amp_f		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCVSwitchADC_Cnt_u16	tgt_CDDInterface_Per1_SysCVSwitchADC_	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCorrectedElecMtrPos_Rev_u0pt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_UncorrMechMtrPos1_Rev_u0pt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_UncorrMechMtrPos1_Rev_u0pt_Rte_Inst_Sa_CDDInterface_Per1_UncorrMechMtrPos1_Rev_u0pt_Rte_Inst_Sa_CDDInterface_Per1_UncorrMechMtrPos1_Rev_u0pt_Rte_Inst_Sa_CDDInterface_Per1_UncorrMechMtrPos1_Rev_u0pt_Rte_Inst_Sa_CDDInterface_Per1_UncorrMechMtrPos1_Rev_u0pt_Rte_Inst_Sa_CDDInterface_Per1_UncorrMechMtrPos1_Rev_u0pt_Rte_Inst_Sa_CDDInterface_Per1_UncorrMechMtrPos1_Rev_u0pt_Rte_Inst_Sa_CDDInterface_Per1_UncorrMechMtrPos1_Rev_u0pt_Rte_Inst_Sa_CDDInterface_Per1_UncorrMechMtrPos1_Rev_u0pt_Rte_Inst_Sa_CDDInterface_Per1_UncorrMechMtrPos1_Rev_u0pt_Rte_Inst_Sa_CDDInterface_Per1_UncorrMechMtrPos1_Rev_u0pt_Rte_Inst_Sa_CDDInterface_Per1_UncorrMechMtrPos1_Rev_u0pt_Rte_Inst_Sa_CDDInterface_Per1_UncorrMechMtrPos1_Rev_u0pt_Rte_Inst_Sa_CDDInterface_Per1_UncorrMechMtrPos1_Rev_u0pt_Rte_Inst_Sa_CDDInterface_Per1_UncorrMechMtrPos1_Rev_u0pt_Rte_Inst_Sa_CDDInterface_Per1_UncorrMechMtrPos1_Rev_u0pt_Rte_Inst_Sa_CDDInterface_Per1_UncorrMechMtrPos1_Rev_u0pt_Rte_Inst_Sa_CDDInterface_Per1_UncorrMechMtrPos1_Rev_u0pt_Rte_Inst_Sa_CDDInterface_Per1_UncorrMechMtrPos1_Rev_u0pt_Rte_Inst_Sa_CDDInterface_Inst_Sa_CDDInterface_Inst_Sa_CDDInterface_Inst_Sa_CDDInterface_Inst_Sa_CDDInterface_Inst_Sa_CDIn			
Name	tgt_CDDInterface_Per1_UncorrMechMtrPosi Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	0	0	Kesuit
PXAccumPrev Cnt M u32[0]	18244	18244	~
PXAccumPrev_Cnt_M_u32[1]	18247	18247	~
PXAccumPrev_Cnt_M_u32[2]	105748	105748	~
target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	0	0	~
tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value	1.01656199	1.01656199 ± 0.0625	~
tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value	2.01656199	2.01656199 ± 0.0625	~
tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value	3787.28003	3787.28003	~
tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value	0.429992676	0.429992676	~
tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value	28180 0.479995728	28180 0.479995728 ± 0.0625	
tgt CDDInterface Per1 Die1RxError Cnt u16.value	4161	4161	~
tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value	4161	4161	~
tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value	3039	3039	✓
tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value	184	184	~
tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value	6592	6592	~
tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value	5470	5470	~
tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value	2478	2478	•
tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value	816	816	
tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value	7153	7153	~
tgt_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value	15 13104	15 13104	~
tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value	10907	10907	
tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value	47834	47834	✓
tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value	9210	9210	•
tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value		159	~
tgt CDDInterface Per1 ModIdxFinal UIs f32.value	159	100	
ig_obbinichace_ren_weataxi ma_ele_lez.valae	0.524185181	0.524200439 ± 0.0625	~
tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value			~
tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32.value	0.524185181 -146.240005 -64	0.524200439 ± 0.0625 -146.240005 -64	*
tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value	0.524185181 -146.240005 -64 71.3799973	0.524200439 ± 0.0625 -146.240005 -64 71.3799973	\rightarrow \frac{1}{2}
tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value	0.524185181 -146.240005 -64 71.3799973 -70.6900024	0.524200439 ± 0.0625 -146.240005 -64 71.3799973 -70.6900024	· · · · · · · · · · · · · · · · · · ·
tgl_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value	0.524185181 -146.240005 -64 71.3799973 -70.6900024 -159.533997	0.524200439 ± 0.0625 -146.240005 -64 71.3799973 -70.6900024 -159.533997	· · · · · · · · · · · · · · · · · · ·
tgl_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u16.value	0.524185181 -146.240005 -64 71.3799973 -70.6900024 -159.533997 4348	0.524200439 ± 0.0625 -146.240005 -64 71.3799973 -70.6900024 -159.533997	· · · · · · · · · · · · · · · · · · ·
tgl_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u16.value tgt_CDDInterface_Per1_SysCVSwitchADC_Cnt_u16.value	0.524185181 -146.240005 -64 71.3799973 -70.6900024 -159.533997 4348 6592	0.524200439 ± 0.0625 -146.240005 -64 71.3799973 -70.6900024 -159.533997 4348 6592	· · · · · · · · · · · · · · · · · · ·
tgl_CDDInterface_Per1_MtrCurrDax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value tgt_CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u16.value	0.524185181 -146.240005 -64 71.3799973 -70.6900024 -159.533997 4348	0.524200439 ± 0.0625 -146.240005 -64 71.3799973 -70.6900024 -159.533997	· · · · · · · · · · · · · · · · · · ·



Test Step 2.111 (Repeat Count = 1)	✓
Name	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16	1
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	190.257996
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	192.25
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	28180
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1] CDD_CumMechMtrPos_Rev_G_s15p16[0]	28836 -3211
CDD_CumMechMtrPos_Rev_G_s15p16[1]	-3276
CDD_Die1RxError_Cnt_G_u16[0]	166
CDD_Die1RxError_Cnt_G_u16[1]	168
CDD_Die1RxMtrPos_Cnt_G_u16[0]	3204
CDD_Die1RxMtrPos_Cnt_G_u16[1]	4348
CDD_Die1RxRevCtr_Cnt_G_u16[0]	166
CDD_Die1RxRevCtr_Cnt_G_u16[1]	168 190
CDD_Die2RxError_Cnt_G_u16[0] CDD_Die2RxError_Cnt_G_u16[1]	192
CDD Die2RxMtrPos Cnt G u16[0]	190
CDD_Die2RxMtrPos_Cnt_G_u16[1]	192
CDD_Die2RxRevCtr_Cnt_G_u16[0]	100
CDD_Die2RxRevCtr_Cnt_G_u16[1]	150
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	158
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	3204
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0] CDD_MechMtrPos2TimeStamp_uSec_G_u32[1]	3204 4348
CDD_ModIdxFinal_Uls_G_u16p16[0]	10885
CDD_ModIdxFinal_UIs_G_u16p16[1]	10892
CDD_MtrCurr1_Volts_G_f32[0]	2.01681685
CDD_MtrCurr1_Volts_G_f32[1]	4.01681662
CDD_MtrCurr2_Volts_G_f32[0]	2.01681685
CDD_MtrCurr2_Volts_G_f32[1]	4.01681662
CDD_MtrCurrDax_Amp_G_f32[0]	-210.660004 -161.350006
CDD_MtrCurrDax_Amp_G_f32[1] CDD_MtrCurrK1_Amps_G_f32[0]	75.5
CDD_MtrCurrK1_Amps_G_f32[1]	83.8000031
CDD_MtrCurrK2_Amps_G_f32[0]	60.8100014
CDD_MtrCurrK2_Amps_G_f32[1]	74.1200027
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	-118.010002
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	-85.8000031
CDD_MtrCurrQax_Amp_G_f32[0]	192.830994 203.834
CDD_MtrCurrQax_Amp_G_f32[1] CDD_PWMDutyCycleASum_Cnt_G_u32[0]	2115
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	2665
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	3204
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	4348
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	5140
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	7340
CDD_PhaseAdvFinal_Cnt_G_u16[0] CDD_PhaseAdvFinal_Cnt_G_u16[1]	174 176
CDD_RxMtrPos1ParityAccum_Cnt_G_u16[0]	0
CDD RxMtrPos1ParityAccum Cnt G u16[1]	0
CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[0]	65535
CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[1]	65535
CDD_SysCVSwitchADC_Cnt_G_u16[0]	4777
CDD_SysCVSwitchADC_Cnt_G_u16[1]	6779
CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[0] CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[1]	0 29491
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	0
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	29491
PXAccumPrev_Cnt_M_u32[0]	5140
PXAccumPrev_Cnt_M_u32[1]	7340
PXAccumPrev_Cnt_M_u32[2]	57914
Rte_Inst_Sa_CDDInterface	tgt_Rte_Inst_Sa_CDDInterface
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	645963 845984
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	145991
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr1_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr2_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32	tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 CorrectedElecMtrPosFloat Rev	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CumMechMtrPos_Rev_f32 tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxError_Cnt_u16	tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32 tgt_CDDInterface_Per1_Die1RxError_Cnt_u16
anor_os_os_sintenace.ossintenace_r err_bie itxcitoi_onicuto	4. 222

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Name	Input Value		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_	target_CDDInterface_Per1_Die1UnderVoltgF	ItAccum_Cnt_u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxMtrPos_Cnt_u16	tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_	u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxRevCtr_Cnt_u16	tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxError_Cnt_u16	tgt_CDDInterface_Per1_Die2RxError_Cnt_u16		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxMtrPos_Cnt_u16	tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_	u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxRevCtr_Cnt_u16	tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_	u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeA_	Cnt_u32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeB_	Cnt_u32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeC_	Cnt_u32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_LRPRPhaseadvanceCaptured_	tgt_CDDInterface_Per1_LRPRPhaseadvance	eCaptured_Cnt_s16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeA_	_Cnt_u32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeB_	_Cnt_u32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeC_	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MechMtrPos1TimeStamp_USer	tgt_CDDInterface_Per1_MechMtrPos1TimeS		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MechMtrPos2TimeStamp_USer			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ModIdxFinal_Uls_f32	tgt_CDDInterface_Per1_ModIdxFinal_Uls_f32		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrDax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrDax_Amp_f3		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK1_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK2_Amp_f32	tgt_CDDInterface_Per1_MtrCurrCovEinalPer		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32	tgt_CDDInterface_Per1_MtrCurrQaxFinalRef		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrQax_Amp_f3		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCVSwitchADC_Cnt_u16	tgt_CDDInterface_Per1_RxMtrPos1ParityAcc tgt_CDDInterface_Per1_SysCVSwitchADC_0		
tgt Rte Inst Sa CDDInterface.CDDInterface Perl SysCorrectedElecMtrPos Rev	tgt_CDDInterface_Per1_SysCorrectedElecMt	_	
tqt Rte Inst Sa CDDInterface.CDDInterface Per1 UncorrMechMtrPos1 Rev u0p	tgt_CDDInterface_Per1_UncorrMechMtrPos1		
Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	0	0	rtesuit
PXAccumPrev_Cnt_M_u32[0]	80745	80745	~
PXAccumPrev_Cnt_M_u32[1]	105748	105748	
PXAccumPrev Cnt M u32[2]	18248	18248	~
target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	65535	65535	_
tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value	4.01681662	4.01681662 ± 0.0625	~
tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value	4.01681662	4.01681662 ± 0.0625	_
tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value	192.25	192.25	•
tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value	0.440002441	0.440002441	~
tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value	28836	28836	~
tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value	-0.049987793	-0.0500030518 ± 0.0625	~
tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value	168	168	~
tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value	4348	4348	~
tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value	168	168	~
tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value	192	192	~
tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value	192	192	~
tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value	150	150	~
tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value	2665	2665	~
tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value	4348	4348	~
tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value	7340	7340	~
tgt_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value	16	16	~
tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value	75605	75605	~
tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value	98408	98408	
tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value	536831246	536831246	V
tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value	160	160	· ·
tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value	4348	4348	V
tgt_CDDInterface_Per1_ModIdxFinal_Uls_f32.value tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value	0.16619873 -161.350006	0.16619873 ± 0.0625 -161.350006	✓
tgt_CDDInterface_Per1_MtrCurrDax_Amp_r3z.value tgt_CDDInterface_Per1_MtrCurrK1_Amp_r32.value	83.8000031	83.8000031	
tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value	74.1200027	74.1200027	~
tgt_CDDInterlace_Per1_MtrCurrRz_Arrip_rsz.value tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value	-85.8000031	-85.8000031	Ž
tgt_CDDInterlace_Per1_MtrCurrQax_InfalRet_Amp_f32.value tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value	203.834	203.834	~
tgt_CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u16.value	0	0	
tgt_CDDInterface_ren_ixwittrosnrantyAccun_on_uno.value	6779	6779	·
tgt_CDDInterface_Per1_SysCorrectedElecMtrPos_Rev_f32.value	0.449996948	0.449996948 ± 0.0625	-
tgt_CDDInterface_Per1_UncorrMechMtrPos1_Rev_u0p16.value	29491	29491	~

Test Step 2.112 (Repeat Count = 1)	✓
Name	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16	0
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	2962.28003
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	3974.28711
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	0
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	29491
CDD_CumMechMtrPos_Rev_G_s15p16[0]	3342

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Name	Input Value
CDD_CumMechMtrPos_Rev_G_s15p16[1]	3407
	174
CDD_Die1RxError_Cnt_G_u16[0]	
CDD_Die1RxError_Cnt_G_u16[1]	176
CDD_Die1RxMtrPos_Cnt_G_u16[0]	3325
CDD_Die1RxMtrPos_Cnt_G_u16[1]	4535
CDD_Die1RxRevCtr_Cnt_G_u16[0]	174
CDD_Die1RxRevCtr_Cnt_G_u16[1]	176
CDD_Die2RxError_Cnt_G_u16[0]	198
CDD_Die2RxError_Cnt_G_u16[1]	200
CDD_Die2RxMtrPos_Cnt_G_u16[0]	198
CDD_Die2RxMtrPos_Cnt_G_u16[1]	200
CDD_Die2RxRevCtr_Cnt_G_u16[0]	126
CDD_Die2RxRevCtr_Cnt_G_u16[1]	156
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	166
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	168
CDD MechMtrPos2TimeStamp uSec G u32[0]	3325
CDD_MechMtrPos2TimeStamp_uSec_G_u32[1]	4535
	15230
CDD_ModIdxFinal_Uls_G_u16p16[0]	
CDD_ModIdxFinal_Uls_G_u16p16[1]	15237
CDD_MtrCurr1_Volts_G_f32[0]	2.00025487
CDD_MtrCurr1_Volts_G_f32[1]	1.00025475
CDD MtrCurr2 Volts G f32[0]	2.00015473
	2.00025487
CDD_MtrCurr2_Volts_G_f32[1]	
CDD_MtrCurrDax_Amp_G_f32[0]	-25.5799999
CDD_MtrCurrDax_Amp_G_f32[1]	-20.4699993
CDD_MtrCurrK1_Amps_G_f32[0]	50
CDD_MtrCurrK1_Amps_G_f32[1]	60
CDD_MtrCurrK2_Amps_G_f32[0]	-76.8600006
CDD_MtrCurrK2_Amps_G_f32[1]	-62.4799995
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	100.910004
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	138.539993
CDD_MtrCurrQax_Amp_G_f32[0]	141.156998
CDD_MtrCurrQax_Amp_G_f32[1]	151.380005
CDD_PWMDutyCycleASum_Cnt_G_u32[0]	2236
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	2852
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	3325
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	4535
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	5261
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	7527
CDD_PhaseAdvFinal_Cnt_G_u16[0]	214
CDD_PhaseAdvFinal_Cnt_G_u16[1]	312
CDD_RxMtrPos1ParityAccum_Cnt_G_u16[0]	65535
CDD_RxMtrPos1ParityAccum_Cnt_G_u16[1]	65535
CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[0]	2357
CDD_RxMtrPos1UnderVoltgFitAccum_Cnt_u16[1]	3039
CDD_SysCVSwitchADC_Cnt_G_u16[0]	4898
CDD_SysCVSwitchADC_Cnt_G_u16[1]	6966
CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[0]	29491
CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[1]	30146
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	29491
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	30146
PXAccumPrev_Cnt_M_u32[0]	5261
PXAccumPrev_Cnt_M_u32[1]	7527
PXAccumPrev_Cnt_M_u32[2]	59139
Rte Inst Sa CDDInterface	
	tgt_Rte_Inst_Sa_CDDInterface
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	145970
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	145991
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	145998
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr1_Volts_f32	tgt CDDInterface Per1 ADCMtrCurr1 Volts f32
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 ADCMtrCurr2 Volts f32	tgt CDDInterface Per1 ADCMtrCurr2 Volts f32
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32	tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0ptores and the state of the state $	tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CumMechMtrPos_Rev_f32	tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 Die1RxError Cnt u16	tgt_CDDInterface_Per1_Die1RxError_Cnt_u16
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxMtrPos_Cnt_u16	tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxRevCtr_Cnt_u16	tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxError_Cnt_u16	tgt_CDDInterface_Per1_Die2RxError_Cnt_u16
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxMtrPos_Cnt_u16	tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxRevCtr_Cnt_u16	tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32

CDDInterface_Per1



Name	Input Value		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeC_	_Cnt_u32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_LRPRPhaseadvanceCaptured_	tgt_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32	tgt CDDInterface Per1 MeasuredOnTimeA Cnt u32		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeB	_Cnt_u32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeC	_Cnt_u32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MechMtrPos1TimeStamp_USe	tgt_CDDInterface_Per1_MechMtrPos1TimeS	stamp_USec_u32	
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 MechMtrPos2TimeStamp USe	tgt_CDDInterface_Per1_MechMtrPos2TimeS	Stamp_USec_u32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ModIdxFinal_Uls_f32	tgt_CDDInterface_Per1_ModIdxFinal_Uls_f3	2	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrDax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrDax_Amp_f3	32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK1_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32	2	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK2_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32	2	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32	tgt_CDDInterface_Per1_MtrCurrQaxFinalRef	f_Amp_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrQax_Amp_f3	32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u	tgt_CDDInterface_Per1_RxMtrPos1ParityAce	cum_Cnt_u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCVSwitchADC_Cnt_u16	tgt_CDDInterface_Per1_SysCVSwitchADC_0	Cnt_u16	
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 SysCorrectedElecMtrPos Rev	tgt_CDDInterface_Per1_SysCorrectedElecM	trPos_Rev_f32	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_UncorrMechMtrPos1_Rev_u0parter(acc.CDDInterface) and the substitution of the $	tgt_CDDInterface_Per1_UncorrMechMtrPos	1_Rev_u0p16	
Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	1	1	~
PXAccumPrev_Cnt_M_u32[0]	18246	18246	~
PXAccumPrev_Cnt_M_u32[1]	18248	18248	~
PXAccumPrev_Cnt_M_u32[2]	18249	18249	~
target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	2357	2357	~
tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value	2.00025487	2.00025487 ± 0.0625	~
tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value	2.00015473	2.00015473 ± 0.0625	~
tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value	2962.28003	2962.28003	~
tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value	0	0	~
tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value	0	0	~
tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value	0.050994873	0.050994873 ± 0.0625	~
tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value	174	174	~
tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value	3325	3325	~
tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16.value	174	174	✓
tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value	198	198	✓
tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value	198	198	✓
tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value	126	126	✓
tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value	2236	2236	~
tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value	3325	3325	~
tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value	5261	5261	~
tgt_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value	20	20	~
tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value	12985	12985	~
tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value	10721	10721	~
tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value	536830022	536830022	✓
tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value	166	166	~
tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value	3325	3325	✓
tgt_CDDInterface_Per1_ModIdxFinal_Uls_f32.value	0.232391357	0.232406616 ± 0.0625	~
tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value	-25.5799999	-25.5799999	~
tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32.value	50	50	~
tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value	-76.8600006	-76.8600006	~
tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value	100.910004	100.910004	~
tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value	141.156998	141.156998	~
tgt_CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u16.value	65535	65535	~
tgt_CDDInterface_Per1_SysCVSwitchADC_Cnt_u16.value	4898	4898	~
tgt_CDDInterface_Per1_SysCorrectedElecMtrPos_Rev_f32.value	0.449996948	0.449996948 ± 0.0625	~
tgt_CDDInterface_Per1_UncorrMechMtrPos1_Rev_u0p16.value	29491	29491	~

Test Case 3: Path Test

Specification

Performance Metrics (With "None" Instrumentation and WithPS Environment) CPU Cycles:

TS3.1 1155.00 Cycles TS3.2 1154.00 Cycles

Description Vector Description:

 $TS3.1(PXAccum_Cnt_T_u32[i] < PXAccumPrev_Cnt_M_u32[i]) = false, (PhaseAdvFinal_Cnt_T_u16 >= D_HALFREV_CNT_U16) = false \\ TS3.2(PXAccum_Cnt_T_u32[i] < PXAccumPrev_Cnt_M_u32[i]) = true, (PhaseAdvFinal_Cnt_T_u16 >= D_HALFREV_CNT_U16) = true \\ TS3.2(PXAccum_Cnt_T_u32[i] < PXAccumPrev_Cnt_M_u32[i]) = true, (PhaseAdvFinal_Cnt_T_u16 >= D_HALFREV_CNT_U16) = true \\ TS3.2(PXAccum_Cnt_T_u32[i] < PXAccumPrev_Cnt_M_u32[i]) = true, (PhaseAdvFinal_Cnt_T_u16 >= D_HALFREV_CNT_U16) = true \\ TS3.2(PXAccum_Cnt_T_u32[i] < PXAccumPrev_Cnt_M_u32[i]) = true, (PhaseAdvFinal_Cnt_T_u16 >= D_HALFREV_CNT_U16) = true \\ TS3.2(PXAccum_Cnt_T_u32[i] < PXAccumPrev_Cnt_M_u32[i]) = true, (PhaseAdvFinal_Cnt_T_u16 >= D_HALFREV_CNT_U16) = true \\ TS3.2(PXAccum_Cnt_T_u32[i] < PXAccumPrev_Cnt_M_u32[i]) = true, (PhaseAdvFinal_Cnt_T_u36 >= D_HALFREV_CNT_U36) = true \\ TS3.2(PXAccum_Cnt_T_u36) = true \\ TS3.2(PXAccu$

Test Step 3.1 (Repeat Count = 1)	🗸
Name	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16	0
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	0

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Name	Input Value
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	0
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	0
CDD_CumMechMtrPos_Rev_G_s15p16[0] CDD CumMechMtrPos Rev G s15p16[1]	-32768 -32768
CDD_Die1RxError_Cnt_G_u16[0]	-32100 0
CDD_Die1RxError_Cnt_G_u16[1]	0
CDD_Die1RxMtrPos_Cnt_G_u16[0]	0
CDD_Die1RxMtrPos_Cnt_G_u16[1]	0
CDD_Die1RxRevCtr_Cnt_G_u16[0]	0
CDD_Die1RxRevCtr_Cnt_G_u16[1]	0
CDD_Die2RxError_Cnt_G_u16[0]	0
CDD_Die2RxError_Cnt_G_u16[1]	0
CDD_Die2RxMtrPos_Cnt_G_u16[0]	0
CDD_Die2RxMtrPos_Cnt_G_u16[1] CDD_Die2RxRevCtr_Cnt_G_u16[0]	0
CDD_Die2RxRevCtr_Cnt_G_u16[1]	0
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	0
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	0
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0]	0
CDD_MechMtrPos2TimeStamp_uSec_G_u32[1]	0
CDD_ModldxFinal_Uls_G_u16p16[0]	0
CDD_ModldxFinal_Uls_G_u16p16[1]	0
CDD_MtrCurr1_Volts_G_f32[0]	0
CDD_MtrCurr1_Volts_G_f32[1]	0
CDD_MtrCurr2_Volts_G_f32[0]	0
CDD_MtrCurrDay_Amp_G_f32[1]	0 -220
CDD_MtrCurrDax_Amp_G_f32[0] CDD_MtrCurrDax_Amp_G_f32[1]	-220 -220
CDD_MtrCurrK1_Amps_G_f32[0]	-220
CDD_MtrCurrK1_Amps_G_f32[1]	-220
CDD_MtrCurrK2_Amps_G_f32[0]	-220
CDD_MtrCurrK2_Amps_G_f32[1]	-220
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	-220
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	-220
CDD_MtrCurrQax_Amp_G_f32[0]	-220
CDD_MtrCurrQax_Amp_G_f32[1]	-220
CDD_PWMDutyCycleASum_Cnt_G_u32[0]	0
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	0 0
CDD_PWMDutyCycleBSum_Cnt_G_u32[0] CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	0
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	0
CDD PWMDutyCycleCSum Cnt G u32[1]	0
CDD_PhaseAdvFinal_Cnt_G_u16[0]	0
CDD_PhaseAdvFinal_Cnt_G_u16[1]	0
CDD_RxMtrPos1ParityAccum_Cnt_G_u16[0]	0
CDD_RxMtrPos1ParityAccum_Cnt_G_u16[1]	0
CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[0]	65535
CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[1]	65535
CDD_SysCVSwitchADC_Cnt_G_u16[0]	0
CDD_SysCVSwitchADC_Cnt_G_u16[1] CDD_SysCorrectedElecMtrPos_Rev_G_u0n16[0]	0
CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[0] CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[1]	0
CDD UncorrMechMtrPos1 Rev G u0p16[0]	0
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	0
PXAccumPrev_Cnt_M_u32[0]	0
PXAccumPrev_Cnt_M_u32[1]	0
PXAccumPrev_Cnt_M_u32[2]	0
Rte_Inst_Sa_CDDInterface	tgt_Rte_Inst_Sa_CDDInterface
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	0
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	0
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	0
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr1_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr2_Volts_f32 tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32	tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32 tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32
tgt_Rte_inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_isz	
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 CumMechMtrPos Rev f32	tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32
	tgt_CDDInterface_Per1_Die1RxError_Cnt_u16
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxError_Cnt_u16	18obb.monaoo_r or _bio ir o.z.ror_onaro
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxError_Cnt_u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxError_Cnt_u16 tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1UnderVoltgFitAccum_Cnt_	target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16





Name	Input Value		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxMtrPos_Cnt_u16	tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_	u16	
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 Die2RxRevCtr Cnt u16	tgt CDDInterface Per1 Die2RxRevCtr Cnt		
tqt Rte Inst Sa CDDInterface.CDDInterface Per1 ExpectedOnTimeA Cnt u32	tgt_CDDInterface_Per1_ExpectedOnTimeA_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeB_	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeC_		
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 LRPRPhaseadvanceCaptured	tgt CDDInterface Per1 LRPRPhaseadvance	eCaptured Cnt s16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeA_	Cnt_u32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeB_	_Cnt_u32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32	tgt_CDDInterface_Per1_MeasuredOnTimeC_	_Cnt_u32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MechMtrPos1TimeStamp_USe	tgt_CDDInterface_Per1_MechMtrPos1TimeS	stamp_USec_u32	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MechMtrPos2TimeStamp_UServalue and the property of the proper$	tgt_CDDInterface_Per1_MechMtrPos2TimeS	stamp_USec_u32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ModIdxFinal_Uls_f32	tgt_CDDInterface_Per1_ModIdxFinal_Uls_f3:	2	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrDax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrDax_Amp_f3	32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK1_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32	2	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK2_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32	2	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32	tgt_CDDInterface_Per1_MtrCurrQaxFinalRef	_Amp_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQax_Amp_f32	tgt_CDDInterface_Per1_MtrCurrQax_Amp_f3	32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u	tgt_CDDInterface_Per1_RxMtrPos1ParityAcc	cum_Cnt_u16	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCVSwitchADC_Cnt_u16	tgt_CDDInterface_Per1_SysCVSwitchADC_0	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCorrectedElecMtrPos_Rev_			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_UncorrMechMtrPos1_Rev_u0p	tgt_CDDInterface_Per1_UncorrMechMtrPos1	I_Rev_u0p16	
Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	1	1	~
PXAccumPrev_Cnt_M_u32[0]	0	0	~
PXAccumPrev_Cnt_M_u32[1]	0	0	~
PXAccumPrev_Cnt_M_u32[2]	0	0	~
target_CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_u16.value	65535	65535	~
tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value	0	0 ± 0.0625	~
tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32.value	0	0 ± 0.0625	~
tgt_CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32.value	0	0	V
tgt_CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev_f32.value	0	0	~
tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value	0	0	Ž
tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value	-0.5	-0.5 ± 0.0625	~
tgt_CDDInterface_Per1_Die1RxError_Cnt_u16.value tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value	0	0	
tgt CDDInterface Per1 Die1RxRevCtr Cnt u16.value	0	0	~
tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value	0	0	-
tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16.value	0	0	~
tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value	0	0	_
tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value	0	0	✓
tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value	0	0	_
tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value	0	0	~
tgt CDDInterface Per1 LRPRPhaseadvanceCaptured Cnt s16.value	0	0	~
tgt CDDInterface Per1 MeasuredOnTimeA Cnt u32.value	0	0	~
tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value	0	0	~
tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value	0	0	~
tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value	0	0	~
tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value	0	0	~
tgt_CDDInterface_Per1_ModIdxFinal_Uls_f32.value	0	0 ± 0.0625	~
tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value	-220	-220	~
tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32.value	-220	-220	~
tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value	-220	-220	~
tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value	-220	-220	~
tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value	-220	-220	~
tgt_CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u16.value	0	0	~
tgt_CDDInterface_Per1_SysCVSwitchADC_Cnt_u16.value	0	0	~
tgt_CDDInterface_Per1_SysCorrectedElecMtrPos_Rev_f32.value	0	0 ± 0.0625	~
tgt_CDDInterface_Per1_UncorrMechMtrPos1_Rev_u0p16.value	0	0	V

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
CDDPorts ClearPhsReasSum	1	CDDPorts ClearPhsReasSum	1	_

Test Step 3.2 (Repeat Count = 1)		✓
Name	Input Value	
CDD_CDDDataAccessBfr_Cnt_G_u16	1	
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	4.2949673e+009	
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	4.2949673e+009	
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	65535	
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	65535	

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Name	Input Value
CDD_CumMechMtrPos_Rev_G_s15p16[0]	32767
CDD_CumMechMtrPos_Rev_G_s15p16[1]	32767
CDD_Die1RxError_Cnt_G_u16[0] CDD_Die1RxError_Cnt_G_u16[1]	65535 65535
CDD Die1RxMtrPos Cnt G u16[0]	65535
CDD_Die1RxMtrPos_Cnt_G_u16[1]	65535
CDD_Die1RxRevCtr_Cnt_G_u16[0]	65535
CDD_Die1RxRevCtr_Cnt_G_u16[1]	65535
CDD_Die2RxError_Cnt_G_u16[0]	65535
CDD_Die2RxError_Cnt_G_u16[1]	65535
CDD_Die2RxMtrPos_Cnt_G_u16[0]	65535
CDD_Die2RxMtrPos_Cnt_G_u16[1] CDD_Die3RvRovCtr_Cot_G_u16[0]	65535 65535
CDD_Die2RxRevCtr_Cnt_G_u16[0] CDD_Die2RxRevCtr_Cnt_G_u16[1]	65535
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	4294967295
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	4294967295
CDD_MechMtrPos2TimeStamp_uSec_G_u32[0]	4294967295
CDD_MechMtrPos2TimeStamp_uSec_G_u32[1]	4294967295
CDD_ModIdxFinal_Uls_G_u16p16[0]	65534
CDD_ModldxFinal_Uls_G_u16p16[1]	65534
CDD_MtrCurr1_Volts_G_f32[0]	5
CDD_MtrCurr1_Volts_G_f32[1] CDD_MtrCurr2_Volts_G_f32[0]	5
CDD_MtrCurr2_Volts_G_f32[0] CDD MtrCurr2 Volts G f32[1]	5
CDD_MtrCurrDax_Amp_G_f32[0]	220
CDD_MtrCurrDax_Amp_G_f32[1]	220
CDD_MtrCurrK1_Amps_G_f32[0]	220
CDD_MtrCurrK1_Amps_G_f32[1]	220
CDD_MtrCurrK2_Amps_G_f32[0]	220
CDD_MtrCurrK2_Amps_G_f32[1]	220
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	220
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1] CDD_MtrCurrQax_Amp_G_f32[0]	220 220
CDD_MtrCurrQax_Amp_G_f32[1]	220
CDD_PWMDutyCycleASum_Cnt_G_u32[0]	200000
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	200000
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	200000
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	200000
CDD_PWMDutyCycleCSum_Cnt_G_u32[0]	200000
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	200000
CDD_PhaseAdvFinal_Cnt_G_u16[0] CDD_PhaseAdvFinal_Cnt_G_u16[1]	65535 65535
CDD_RxMtrPos1ParityAccum_Cnt_G_u16[0]	65535
CDD_RxMtrPos1ParityAccum_Cnt_G_u16[1]	65535
CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[0]	5140
CDD_RxMtrPos1UnderVoltgFltAccum_Cnt_u16[1]	7340
CDD_SysCVSwitchADC_Cnt_G_u16[0]	65535
CDD_SysCVSwitchADC_Cnt_G_u16[1]	65535
CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[0]	65535
CDD_SysCorrectedElecMtrPos_Rev_G_u0p16[1] CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	65535 65535
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0] CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	65535
PXAccumPrev_Cnt_M_u32[0]	536870911
PXAccumPrev_Cnt_M_u32[1]	536870911
PXAccumPrev_Cnt_M_u32[2]	536870911
Rte_Inst_Sa_CDDInterface	tgt_Rte_Inst_Sa_CDDInterface
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	536870911
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	536870911
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	536870911 tet CDDIstorfoo Port ADCMtrCurrt Volto 522
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr1_Volts_f32 tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ADCMtrCurr2_Volts_f32	tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32 tgt_CDDInterface_Per1_ADCMtrCurr2_Volts_f32
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrMtrCurrPosition_Rev_f32	tgt_CDDInterface_Per1_ADCMit/CurrPosition_Rev_f32
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPosFloat_Rev	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_CumMechMtrPos_Rev_f32	tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxError_Cnt_u16	tgt_CDDInterface_Per1_Die1RxError_Cnt_u16
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1UnderVoltgFltAccum_Cnt_Inst_Sa_C$	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxMtrPos_Cnt_u16	tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die1RxRevCtr_Cnt_u16	tgt_CDDInterface_Per1_Die1RxRevCtr_Cnt_u16
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxError_Cnt_u16 tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxMtrPos_Cnt_u16 tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_Die2RxRevCtr_Cnt_u16 tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32	tgt_CDDInterface_Per1_Die2RxError_Cnt_u16 tgt_CDDInterface_Per1_Die2RxMtrPos_Cnt_u16 tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16 tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32

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Name	Input Value			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32	tgt CDDInterface Per1 ExpectedOnTimeB Cnt u32			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32	tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32			
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 LRPRPhaseadvanceCaptured		tgt CDDInterface Per1 LRPRPhaseadvanceCaptured Cnt s16		
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 MeasuredOnTimeA Cnt u32	tgt CDDInterface Per1 MeasuredOnTimeA	·		
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 MeasuredOnTimeB Cnt u32	tgt CDDInterface Per1 MeasuredOnTimeB			
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 MeasuredOnTimeC Cnt u32	tgt CDDInterface Per1 MeasuredOnTimeC			
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 MechMtrPos1TimeStamp USe				
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 MechMtrPos2TimeStamp USe		·		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_ModIdxFinal_Uls_f32	tgt_CDDInterface_Per1_ModIdxFinal_UIs_f3			
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 MtrCurrDax Amp f32	tgt_CDDInterface_Per1_MtrCurrDax_Amp_f3			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK1_Amp_f32	tgt CDDInterface Per1 MtrCurrK1 Amp f32			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrK2_Amp_f32	tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32	tgt_CDDInterface_Per1_MtrCurrQaxFinalRef			
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 MtrCurrQax Amp f32	tgt_CDDInterface_Per1_MtrCurrQax_Amp_f3			
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 RxMtrPos1ParityAccum Cnt u				
tgt Rte Inst Sa CDDInterface.CDDInterface Per1 SysCVSwitchADC Cnt u16	tgt CDDInterface Per1 SysCVSwitchADC			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_SysCorrectedElecMtrPos_Rev_		_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per1_UncorrMechMtrPos1_Rev_u0p				
Name	Actual Value	Expected Value	Result	
CDD_CDDDataAccessBfr_Cnt_G_u16	0	0	Kesuit 🗸	
PXAccumPrev Cnt M u32[0]	67108863	67108863	✓	
PXAccumPrev Cnt M u32[1]	67108863	67108863	_	
PXAccumPrev Cnt M u32[2]	67108863	67108863	~	
target CDDInterface Per1 Die1UnderVoltgFltAccum Cnt u16.value	7340	7340		
tgt_CDDInterface_Per1_ADCMtrCurr1_Volts_f32.value	5	5 ± 0.0625	-	
tgt_CDDInterface_Per1_ADCMitCurr1_Voits_r32.value	5	5 ± 0.0625		
tgt_CDDInterface_ren_Abdwittcurr2_voits_i32.value	4.2949673e+009	4.2949673e+009	_	
tgt_CDDInterface_rer1_CorrectedElecMtrPosFloat_Rev_f32.value	0.999984741	0.999984741		
	65535	65535	_	
tgt_CDDInterface_Per1_CorrectedElecMtrPos_Rev_u0p16.value tgt_CDDInterface_Per1_CumMechMtrPos_Rev_f32.value	0.499984741	0.5 ± 0.0625		
tgt_CDDInterface_ren_Cumwechwitr os_rev_isz.value	65535	65535	_	
tgt_CDDInterface_Per1_Die1RxMtrPos_Cnt_u16.value	65535	65535		
tgt_CDDInterface_renblenkxwitros_cnt_uno.value	65535	65535	·	
tgt_CDDInterface_Per1_Die2RxError_Cnt_u16.value	65535	65535		
tgt_CDDInterface_rer1_Die2RxMtrPos Cnt_u16.value	65535	65535	_	
	65535	65535		
tgt_CDDInterface_Per1_Die2RxRevCtr_Cnt_u16.value	200000	200000	_	
tgt_CDDInterface_Per1_ExpectedOnTimeA_Cnt_u32.value	200000	200000		
tgt_CDDInterface_Per1_ExpectedOnTimeB_Cnt_u32.value	200000	200000		
tgt_CDDInterface_Per1_ExpectedOnTimeC_Cnt_u32.value	0	0		
tgt_CDDInterface_Per1_LRPRPhaseadvanceCaptured_Cnt_s16.value	67108864		_	
tgt_CDDInterface_Per1_MeasuredOnTimeA_Cnt_u32.value		67108864		
tgt_CDDInterface_Per1_MeasuredOnTimeB_Cnt_u32.value	67108864	67108864		
tgt_CDDInterface_Per1_MeasuredOnTimeC_Cnt_u32.value	67108864	67108864		
tgt_CDDInterface_Per1_MechMtrPos1TimeStamp_USec_u32.value	4294967295	4294967295		
tgt_CDDInterface_Per1_MechMtrPos2TimeStamp_USec_u32.value	4294967295 0.999969482	4294967295		
tgt_CDDInterface_Per1_ModIdxFinal_Uls_f32.value		0.999984741 ± 0.0625		
tgt_CDDInterface_Per1_MtrCurrDax_Amp_f32.value	220	220		
tgt_CDDInterface_Per1_MtrCurrK1_Amp_f32.value	220	220	•	
tgt_CDDInterface_Per1_MtrCurrK2_Amp_f32.value	220	220	V	
tgt_CDDInterface_Per1_MtrCurrQaxFinalRef_Amp_f32.value	220	220	V	
tgt_CDDInterface_Per1_MtrCurrQax_Amp_f32.value	220	220	V	
tgt_CDDInterface_Per1_RxMtrPos1ParityAccum_Cnt_u16.value	65535	65535	V	
tgt_CDDInterface_Per1_SysCVSwitchADC_Cnt_u16.value	65535	65535	V	
tgt_CDDInterface_Per1_SysCorrectedElecMtrPos_Rev_f32.value	0.999984741	0.999984741 ± 0.0625	V	
tgt_CDDInterface_Per1_UncorrMechMtrPos1_Rev_u0p16.value	65535	65535	✓	

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
CDDPorts_ClearPhsReasSum	1	CDDPorts_ClearPhsReasSum	1	~

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 Project
 CDDInterface

 Module
 CDDInterface

 Test Object
 CDDInterface_Init3

Instrumentation: Test Object Only

Statement (C0) Coverage	100 %
Branch (C1) Coverage	100 %

Statistics

Total Testcases	1	
Successful	1	~
Failed	0	
Not Executed	0	

Module Properties

Project Root Directory	D:\Synergy_Work_Area\CDDInterface_c1xx
Configuration File	D:\Synergy_Work_Area\CDDInterface_c1xx\UnitTestEnv\config\TMS570_GCC_UDE_CCS4_Config.xml
Target Environment	TI TMS 570 PLS UDE (Default)
Kind of Test	Unit Test
Linker Options	
Source File(s)	
File	\$(PROJECTROOT)\CDDInterface\src\Sa_CDDInterface.c
Compiler Options	-D_DATA_ACCESS= -Dconst= -Dstatic= -I\$(PROJECTROOT)\CDDInterface\utp\contract -I\$(PROJECTROOT)\StdDef\include -I\$ (PROJECTROOT)\NxtrLib\include -I\$(Compiler Install Path)\include
File	\$(PROJECTROOT)\NxtrLib\src\interpolation.c
Compiler Options	-D_DATA_ACCESS= -Dconst= -Dstatic= -I\$(PROJECTROOT)\CDDInterface\utp\contract -I\$(PROJECTROOT)\StdDef\include -I\$ (PROJECTROOT)\NxtrLib\include -I\$(Compiler Install Path)\include

Name	Text
Module 'CDDInterface'	Unit Test Description* Name of Tester:Ankita Bhardwaj Code File(s) Under Test:Sa_CDDInterface.c Code File(s) Version:17 Module Design Document:NA Module Design Document Version:NA Data Dictionary Version:1 Unit Test Plan Version:2 Optimization Level:Level 2 Compiler (CodeGen) Version:TMS470_4.9.5 Model Type:Excel Macro Model Version:Nexteer EPS Unit Test Tool 2.7d/EPS Library 1.31 Total FLASH Used (Bytes):2290 Total RAM Used (Bytes):2390 Total RAM Used (Bytes):0 Special Test Requirements: Test Date:02-18-15 Comments:"Note 1: Inline function defined in GlobalMacro.h are not Unit Tested. Note 2: ""CBD_Sandbox_dbg.map"" file is embedded for reference. Note 3: Low Path Coverage in ""CDDInterface_Per4"" function because NxtrMEC_Uls_G_enum != ProductionMode) = FALSE and (NxtrMEC_Uls_G_enum == ProductionMode)=FALSE can not be satisfied."

Attributes	
Name	Value
Compiler Install Path	<pre>\$(ProgramFiles)\Texas Instruments\ccsv4\tools\compiler\tms470_4.9.5</pre>
Float Precision	9
InitObjDir	<pre>\$(PROJECTROOT)\UnitTestEnv\static_build_files\obj</pre>
InitSrcDir	\$(PROJECTROOT)\UnitTestEnv\static_build_files\src
Linker File	<pre>\$(PROJECTROOT)\UnitTestEnv\static_build_files\sys_link.cmd</pre>
Makefile Template	\$(PROJECTROOT)\UnitTestEnv\config\Nexteer_ts_make_ude_ti_tms570.tpl
Target Install Path	\$(Compiler Install Path)\include
Time Unit	Cycles
Timer Enable	false
Timer Prescale	0

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CDDInterface_Init3

Attributes	
Name	Value
Timer Resolution	1.0
UDE Config File	\$(PROJECTROOT)\UnitTestEnv\config\TMS570_UDE_12PIN_JTAG.cfg
Workspace File	D:\Synergy_Work_Area\CDDInterface_clxx\UnitTestEnv\config\UDE_TMS570_DEBUG.WSP



Test Case 1: Boundary Test

Specification

Performance Metrics (With "None" Instrumentation and WithPS Environment) CPU Cycles:

TS1.1 521.00 Cycles

Description Vector Description:

TS1.1 Tested for called stub count

Test Step 1.1 (Repeat Count = 1)

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
EnableMtrCtlInterrupt	1	EnableMtrCtlInterrupt	1	-

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CDDInterface_Per4

Project	CDDInterface
Module	CDDInterface
Test Object	CDDInterface_Per4

Instrumentation: Test Object Only

Statement (C0) Coverage	100 %
Decision Coverage	100 %
Branch (C1) Coverage	100 %
MCC Coverage	98.38 %
MC/DC Coverage	98.38 %

Statistics

Total Testcases	3	
Successful	3	~
Failed	0	
Not Executed	0	

Module Properties

Project Root Directory	D:\Synergy_Work_Area\CDDInterface_c1xx
Configuration File	D:\Synergy_Work_Area\CDDInterface_c1xx\UnitTestEnv\config\TMS570_GCC_UDE_CCS4_Config.xml
Target Environment	TI TMS 570 PLS UDE (Default)
Kind of Test	Unit Test
Linker Options	
Source File(s)	
File	\$(PROJECTROOT)\CDDInterface\src\Sa_CDDInterface.c
Compiler Options	-D_DATA_ACCESS= -Dconst= -Dstatic= -I\$(PROJECTROOT)\CDDInterface\utp\contract -I\$(PROJECTROOT)\StdDef\include -I\$ (PROJECTROOT)\NxtrLib\include -I\$(Compiler Install Path)\include
File	\$(PROJECTROOT)\NxtrLib\src\interpolation.c
Compiler Options	-D_DATA_ACCESS= -Dconst= -Dstatic= -I\$(PROJECTROOT)\CDDInterface\utp\contract -I\$(PROJECTROOT)\StdDef\include -I\$ (PROJECTROOT)\NxtrLib\include -I\$(Compiler Install Path)\include

Text
Name of Tester:Ankita Bhardwaj Code File(s) Under Test:Sa_CDDInterface.c Code File(s) Version:17 Module Design Document:NA Module Design Document Version:NA Data Dictionary Version:1 Unit Test Plan Version:2 Optimization Level:Level 2 Compiler (CodeGen) Version:TMS470_4.9.5 Model Type:Excel Macro Model Vrye:Excel Macro Model Vrye:Excel Macro Model Version:Nexteer EPS Unit Test Tool 2.7d/EPS Library 1.31 Total FLASH Used (Bytes):2290 Total RAM Used (Bytes):3 Total CALS Used (Bytes):0 Special Test Requirements: Test Date:02-18-15 Comments:"Note 1: Inline function defined in GlobalMacro.h are not Unit Tested. Note 2: ""CBD_Sandbox_dbg.map"" file is embedded for reference. Note 3: Low Path Coverage in ""CDDInterface Per4"" function because NxtrMEC Uls G enum != ProductionMode) = FALSE and

Attributes		
Name	Value	
Compiler Install Path	\$(ProgramFiles)\Texas Instruments\ccsv4\tools\compiler\tms470_4.9.5	
Float Precision	9	
InitObjDir	\$(PROJECTROOT)\UnitTestEnv\static_build_files\obj	
InitSrcDir	\$(PROJECTROOT)\UnitTestEnv\static_build_files\src	
Linker File	<pre>\$(PROJECTROOT)\UnitTestEnv\static_build_files\sys_link.cmd</pre>	
Makefile Template	\$(PROJECTROOT)\UnitTestEnv\config\Nexteer_ts_make_ude_ti_tms570.tpl	

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Attributes		
Name	Value	
Target Install Path	\$(Compiler Install Path)\include	
Time Unit	Cycles	
Timer Enable	false	
Timer Prescale	0	
Timer Resolution	1.0	
UDE Config File	\$(PROJECTROOT)\UnitTestEnv\config\TMS570_UDE_12PIN_JTAG.cfg	
Workspace File	D:\Synergy_Work_Area\CDDInterface_c1xx\UnitTestEnv\config\UDE_TMS570_DEBUG.WSP	



Test Case 1: Metrics Test

Specification

Performance Metrics (With "None" Instrumentation and WithPS Environment) CPU Cycles:

TS1.1 682.00 Cycles TS1.2 1254.00 Cycles

Description Vector Description:

TS1.1"Shortest Execution Path:(MtrElecMechPolarity Cnt T s08 != PrevMtrElecMechPolarity Cnt M s08)=False,((D WHLIMBSEL CNT U16 | CDD_EOLSrlComSvcDft_Cnt_G_b32 & D_SVCDFTWHLIMBREJ_CNT_B32)) && ((NxtrMEC_UIs_G_enum != ProductionMode) && (Nvm_CMEC_Cnt_u8 == 0U))))=False,((D_SVCDFTENGON_CNT_B32 == (CDD_EOLSriComSvcDtt_Cnt_G_b32 & D_SVCDFTENGON_CNT_B32)) ||

((NxtrMEC_UIs_G_enum == ProductionMode) && (Nvm_CMEC_Cnt_u8 == 0U))))=False,((D_SVCDFTENGON_CNT_B32 == (CDD_EOLSriComSvcDtt_Cnt_G_b32 & D_SVCDFTENGON_CNT_B32)) ||

(CDD_PwrAsstModeSvc_Cnt_G_lgc == TRUE))=True,(D_SVCDFTFRICLRN_CNT_B32 == (CDD_EOLSriComSvcDtt_Cnt_G_b32 & D_SVCDFTENICLRN_CNT_B32))=True,(D_SVCDFTKININTDIAG_CNT_B32))=True,(D_SVCDFTHIRMALDC_CNT_B32 == (CDD_EOLSriComSvcDtt_Cnt_G_b32 & D_SVCDFTEOTIMPACT_CNT_B32))=True,(D_SVCDFTEOTIMPACT_CNT_B32 == (CDD_EOLSriComSvcDtt_Cnt_G_b32 & D_SVCDFTEOTIMPACT_CNT_B32))=True,(D_SVCDFTEOTIMPACT_CNT_B32 == (CDD_EOLSriComSvcDtt_Cnt_G_b32 & D_SVCDFTEOTIMPACT_CNT_B32))=True,(D_SVCDFTMTRVELNRMLRN_CNT_B32 == (CDD_EOLSriComSvcDtt_Cnt_G_b32 & D_SVCDFTMTRVELNRMLRN_CNT_B32))=True,(D_SVCDFTMTRVELNRMLRN_CNT_B32 == (CDD_EOLSriComSvcDtt_Cnt_G_b32 & D_SVCDFTMTRPARMNRMLRN_CNT_B32))=True,(D_SVCDFTMTRPARMNRMLRN_CNT_B32 == (CDD_EOLSriComSvcDtt_Cnt_G_b32 & D_SVCDFTMODIDX_CNT_B32))=True,(D_SVCDFTMODIDX_CNT_B32 == (CDD_EOLSriComSvcDtt_Cnt_G_b32 & D_SVCDFTMODIDX_CNT_B32))=True,(D_SVCDFTPULLCOMP_CNT_B32 == (CDD_EOLSriComSvcDtt_Cnt_G_b32 & D_SVCDFTPULLCOMP_CNT_B32))=True,(D_SVCDFTPULLCOMP_CNT_B32 == (CDD_EOLSriComSvcDtt_Cnt_G_b32 & D_SVCDFTDRIVINGDYN_CNT_B32))=True,(D_SVCDFTHYSTCOMP_CNT_B32 == (CDD_EOLSriComSvcDtt_Cnt_G_b32 & D_SVCDFTDRIVINGDYN_CNT_B32))=True,(D_SVCDFTHYSTCOMP_CNT_B32 == (CDD_EOLSriComSvcDtt_Cnt_G_b32 & D_SVCDFTDRIVINGDYN_CNT_B32))=True,(D_SVCDFTHYSTCOMP_CNT_B32 == (CDD_EOLSriComSvcDtt_Cnt_G_b32 & D_SVCDFTHYSTCOMP_CNT_B32))=True,(D_SVCDFTHYSTCOMP_CNT_B32 == (CDD_EOLSriComSvcDtt_Cnt_G_b32 & D_SVCDFTHYSTCOMP_CNT_B32))=True,(D_SVCDFTHYSTCOMP_CNT_B32 == (CDD_EOLSriComSvcDtt_Cnt_G_b32 & D_SVCDFTHYSTCOMP_CNT_B32))=True,(D_SVCDFTHYSTCOMP_CNT_B32 == (CDD_EOLSriComSvcDtt_Cnt_G_b32 & D_SVCDFTHYSTADD_CNT_B32))=True,(D_SVCDFTRETURN_CNT_B32))=True,(D_SVCDFTRETURN_CNT_B32))=True,(D_SVCDFTRETURN_CNT_B32))=True,(D_SVCDFTRETURN_C ((NxtrMEC_UIs_G_enum != ProductionMode) ||

TS1.2"Longest Execution Path :(MtrElecMechPolarity_Cnt_T_s08 != PrevMtrElecMechPolarity_Cnt_M_s08)=True,((D_WHLIMBSEL_CNT_U^2 == CDD_EOLNxtrWlRSelect_Cnt_G_u16) && (FALSE == CDD_WIRDisableSvc_Cnt_G_lgc) && (0U == (CDD_EOLSriComSvcDft_Cnt_G_b32 & D_SVCDFTWHLIMBREJ_CNT_B32)) && ((NxtMEC_UIs_G_enum != ProductionMode) || ((NxtMEC_UIs_G_enum != ProductionMode) || ((NxtMEC_UIs_G_enum != ProductionMode) && (Nvm_CMEC_Cnt_u8 == 0U))))=True,((D_SVCDFTENGON_CNT_B32 == (CDD_EOLSriComSvcDft_Cnt_G_b32 & D_SVCDFTENGON_CNT_B32)) || (CDD_PWAsstModeSvc_Cnt_G_lgc == TRUE)))=False,(D_SVCDFTENGON_CNT_B32 == (CDD_EOLSriComSvcDft_Cnt_G_b32 & D_SVCDFTENIONTDIAG_CNT_B32 == (CDD_EOLSriComSvcDft_Cnt_G_b32 & D_SVCDFTENIONTDIAG_CNT_B32 == (CDD_EOLSriComSvcDft_Cnt_G_b32 & D_SVCDFTENIONTDIAG_CNT_B32 == (CDD_EOLSriComSvcDft_Cnt_G_b32 & D_SVCDFTEOTIMPACT_CNT_B32))=False,(D_SVCDFTEOTIMPACT_CNT_B32 == (CDD_EOLSriComSvcDft_Cnt_G_b32 & D_SVCDFTEOTIMPACT_CNT_B32))=False,(D_SVCDFTEOTIMPACT_CNT_B32 == (CDD_EOLSriComSvcDft_Cnt_G_b32 & D_SVCDFTEOTIMPACT_CNT_B32))=False,(D_SVCDFTEOTIMPACT_CNT_B32 == (CDD_EOLSriComSvcDft_Cnt_G_b32 & D_SVCDFTMTRVELNRMLRN_CNT_B32))=False,(D_SVCDFTMTRVELNRMLRN_CNT_B32) == (CDD_EOLSriComSvcDft_Cnt_G_b32 & D_SVCDFTTMTRPARMNRMLRN_CNT_B32 == (CDD_EOLSriComSvcDft_Cnt_G_b32 & D_SVCDFTTMQRMP_CNT_B32))=False,(D_SVCDFTMODIDX_CNT_B32 == (CDD_EOLSriComSvcDft_Cnt_G_b32 & D_SVCDFTTMQRMP_CNT_B32)) || (CDD_PullCompDisableSvc_Cnt_G_lgc == TRUE))=False,(D_SVCDFTMRPARKAST_CNT_B32 == (CDD_EOLSriComSvcDft_Cnt_G_b32 & D_SVCDFTDRIVINGDYN_CNT_B32) == (CDD_EOLSriComSvcDft_Cnt_G_b32 & D_SVCDFTDRIVINGDYN_CNT_B32) == (B)SVCDFTDRIVINGDYN_CNT_B32 == (CDD_EOLSriComSvcDft_Cnt_G_b32 & D_SVCDFTDRIVINGDYN_CNT_B32) == (CDD_EOLSriComSvcDft_Cnt_G_b32 & D_SVCDFTDRIVINGDYN_CNT_B32) == (CDD_EOLSriComSvcDft_Cnt_G_b32 & D_SVCDFTDRIVINGDYN_CNT_B32) == (CDD_EOLSriComSvcDft_Cnt_G_b32 & D_SVCDFTDRIVINGDYN_CNT_B32) == (CDD_EOLSriComSvcDft_Cnt_G_b32 & D_SVCDFTHYSTCOMP_CNT_B32) == (CDD_EOLSriComSvcDft_Cnt_G_b32 & D_SVCDFTHYSTCOMP_CNT_B32) == (CDD_EOLSriComSvcDft_Cnt_G_b32 TS1.2"Longest Execution Path :(MtrElecMechPolarity_Cnt_T_s08 != PrevMtrElecMechPolarity_Cnt_M_s08)=True,((D_WHLIMBSEL_CNT_U16

D_SVCDFTHYSTADD_CNT_B32))=False,(D_SVCDFTRETURN_CNT_B32 == (CDD_EOLSrlComSvcDft_Cnt_G_b32 &

D_SVCDFTRETU	RN_CNT_B32))	=Faise"

Test Step 1.1 (Repeat Count = 1)			
Name	Input Value		
CDD_BallNutTempEstDisableSvc_Cnt_G_lgc	1		
CDD_DftAsstTbl_Cnt_G_lgc	1		
CDD_DisableCEBusNormComm_Cnt_lgc	1		
CDD_DisableHSBusNormComm_Cnt_lgc	1		
CDD_DwnldAsstGain_Uls_G_f32	10		
CDD_EOLNxtrWIRSelect_Cnt_G_u16	65535		
CDD_EOLSrlComSvcDft_Cnt_G_b32	4294967295		
CDD_GenPosTrajEnableFlag_Cnt_G_lgc	1		
CDD_PullCompDisableSvc_Cnt_G_lgc	1		
CDD_PwrAsstModeSvc_Cnt_G_lgc	1		
CDD_SftEndStpDisableSvc_Cnt_G_lgc	1		
CDD_WIRDisableSvc_Cnt_G_lgc	1		
MfgDiagInhibit_Uls_G_lgc	1		
Nvm_CMEC_Cnt_u8	255		
NxtrMEC_UIs_G_enum	2		
PrevMtrElecMechPolarity_Cnt_M_s08	1		
Rte_Inst_Sa_CDDInterface	tgt_Rte_Inst_Sa_CDDInterface		
tgt_CDDInterface_Per4_MtrElecMechPolarity_Cnt_s08.value	1		
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Starter(Section 1) and the section of the section $	tgt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_lgc		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgu_tgt_CDDInterface_Per4			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DftAsstTbl_Cnt_lgc	tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DisableCEBusNormComm_Cnt_tgt_CDDInterface_Per4_DisableCEBusNormComm_Cnt_lgc			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DisableHSBusNormComm_Cnt tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_Igc			

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 $tgt_Rte_Inst_Sa_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_\\ tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_\\ tgt_CDDInterface_Per4_DrivingDynSrlComSvcDf$

Input Value





tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DrivingDynSrlComSv	/cDft_Cnt_	tgt_CDDInterface_Per4_DrivingDynSr	lComSvcDft_Cnt_lgc		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DwnldAsstGain_Uls_	_f32	$tgt_CDDInterface_Per4_DwnldAsstGa$	nin_Uls_f32		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_EOTImpactSrlComSv	vcDft_Cnt_	tgt_CDDInterface_Per4_EOTImpactSi	rlComSvcDft_Cnt_lgc		
gt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_EOTThermalSrlCom	SvcDft_Cn	tgt_CDDInterface_Per4_EOTThermal	SrlComSvcDft_Cnt_lgc		
gt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_EngONSrlComSvcDf	it_Cnt_lgc	tgt_CDDInterface_Per4_EngONSrlCo	mSvcDft_Cnt_lgc		
gt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_FreqDepDmpSrlCom	SvcDft_Cr	tgt_CDDInterface_Per4_FreqDepDmp	SrlComSvcDft_Cnt_lgc		
gt Rte Inst Sa CDDInterface.CDDInterface Per4 FricLrnSrlComSvcDff	t Cnt Igc	tgt CDDInterface Per4 FricLrnSrlCor	mSvcDft Cnt lgc		
gt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_HysAddSrlComSvcD	ft Cnt lgc	tgt_CDDInterface_Per4_HysAddSrlCc	omSvcDft Cnt lgc		
gt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_HystCompSrlComSv					
gt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_KinIntDiagSrlComSvi		tgt_CDDInterface_Per4_KinIntDiagSrl			
gt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_LimitSrlComSvcDft_(tgt CDDInterface Per4 LimitSrlComS			
gt Rte Inst Sa CDDInterface.CDDInterface Per4 MEC Cnt enum	J.11 <u>_</u> 190	tgt CDDInterface Per4 MEC Cnt en			
gt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MfgDiagInhibit_Cnt_I	lac	tgt CDDInterface Per4 MfgDiagInhib			
gt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ModIdxSrlComSvcDf	-	tgt_CDDInterface_Per4_ModIdxSrlCo			
gt_Re_inst_Sa_codinterlace.Codinterlace_Per4_Modificationsvcbii					
		tgt_CDDInterface_Per4_MtrElecMech			
gt Rte Inst Sa CDDInterface.CDDInterface Per4 MtrParmNrmLrnSrlCo		tgt_CDDInterface_Per4_MtrParmNrml			
gt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MtrVelNrmLrnSrlCom		tgt_CDDInterface_Per4_MtrVelNrmLri			
gt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MultIgnSrlComSvcDf		tgt_CDDInterface_Per4_MultIgnSrICo			
t_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ParkAstSrlComSvcD		tgt_CDDInterface_Per4_ParkAstSrlCc			
gt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_PosTrajEnable_Cnt_		tgt_CDDInterface_Per4_PosTrajEnab			
t_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_PullCompLrnSrlCom	SvcDft_Cn	tgt_CDDInterface_Per4_PullCompLrn	SrlComSvcDft_Cnt_lgc		
gt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_PullCompSrlComSvc	:Dft_Cnt_lg	tgt_CDDInterface_Per4_PullCompSrl0	ComSvcDft_Cnt_lgc		
st_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ReturnSrlComSvcDft	_Cnt_lgc	tgt_CDDInterface_Per4_ReturnSrlCor	mSvcDft_Cnt_lgc		
gt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_RxMsgsSrlComSvcD	ft_Cnt_lgc	tgt_CDDInterface_Per4_RxMsgsSrlCd	omSvcDft_Cnt_lgc		
at Rte Inst Sa CDDInterface.CDDInterface Per4 SftEndStpSrlComSvd	Dft Cnt k	tgt_CDDInterface_Per4_SftEndStpSrle	ComSvcDft_Cnt_lgc		
gt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_SrlComSvcDft_Cnt_b	032	tgt_CDDInterface_Per4_SrlComSvcDi	ft_Cnt_b32		
t_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ThermalDCSrlComS	vcDft_Cnt_	tgt_CDDInterface_Per4_ThermalDCS	rlComSvcDft_Cnt_lgc		
t_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_TrqRmpSrlComSvcD	oft Cnt Igc	tgt CDDInterface Per4 TrqRmpSrlCd	omSvcDft Cnt Igc		
pt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_WIRMfgEnabled_Cnt		tgt_CDDInterface_Per4_WIRMfgEnab	led Cnt lgc		
lame		Actual Value	Expected Value		Res
DD_ModldxSrlComSvcDft_Cnt_G_u16		1	1		1.10
		1	1		
revMtrElecMechPolarity_Cnt_M_s08		•			
t_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_lgc.value		1	1		
t_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc.value		1	1		
t_CDDInterface_Per4_DftAsstTbl_Cnt_lgc.value		1	1		
t_CDDInterface_Per4_DisableCEBusNormComm_Cnt_lgc.value		1	1		
t_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc.value		1	1		
t_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc.value		1	1		
t_CDDInterface_Per4_DwnldAsstGain_Uls_f32.value		10	10 ± 0.00009		
t_CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_lgc.value		1	1		
t_CDDInterface_Per4_EOTThermalSrlComSvcDft_Cnt_lgc.value		1	1		
t_CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc.value		1	1		
t_CDDInterface_Per4_FreqDepDmpSrlComSvcDft_Cnt_lgc.value		1	1		
t CDDInterface Per4 FricLrnSrlComSvcDft Cnt lgc.value		1	1		
t_CDDInterface_Per4_HysAddSrlComSvcDft_Cnt_lgc.value		1	1		\Box
t_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_lgc.value		1	1		
t_CDDInterface_Per4_KinIntDiagSrlComSvcDft_Cnt_lgc.value		1	1		
t CDDInterface Per4 LimitSrlComSvcDft Cnt lgc.value		1	1		
		2	2		
t_CDDInterface_Per4_MEC_Cnt_enum.value					
t_CDDInterface_Per4_MfgDiagInhibit_Cnt_lgc.value		1	1		
t_CDDInterface_Per4_ModIdxSrlComSvcDft_Cnt_lgc.value		1	1		
t_CDDInterface_Per4_MtrParmNrmLrnSrlComSvcDft_Cnt_lgc.value		1	1		
t_CDDInterface_Per4_MtrVelNrmLrnSrlComSvcDft_Cnt_lgc.value		1	1		
t_CDDInterface_Per4_MultIgnSrlComSvcDft_Cnt_lgc.value		1	1		
t_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc.value		1	1		
t_CDDInterface_Per4_PosTrajEnable_Cnt_lgc.value		1	1		
t_CDDInterface_Per4_PullCompLrnSrlComSvcDft_Cnt_lgc.value		1	1		
_CDDInterface_Per4_PullCompSrlComSvcDft_Cnt_lgc.value		1	1		
		1	1		
t_CDDInterface_Per4_RxMsgsSrlComSvcDft_Cnt_lgc.value		1	1		
t_CDDInterface_Per4_SftEndStpSrlComSvcDft_Cnt_lgc.value		1	1		
t_CDDInterface_Per4_SrlComSvcDft_Cnt_b32.value		4294967295	4294967295		
t_CDDInterface_Per4_ThermalDCSrlComSvcDft_Cnt_igc.value		1	1		
t_CDDInterface_Per4_TrqRmpSrlComSvcDft_Cnt_lgc.value		1	1		
		0	0		
t_CDDInterface_Per4_WIRMfgEnabled_Cnt_lgc.value		U	U		
est Step Call Trace					
tual Function	Count	Expected Function		Count	Ro
one*	0	*** No Call Expected ***		O	

0

*** No Call Expected ***

none



Test Step 1.2 (Repeat Count = 1)			√
Name	Input Value		
CDD_BallNutTempEstDisableSvc_Cnt_G_lgc	0		
CDD_DftAsstTbl_Cnt_G_lgc	0		
CDD_DisableCEBusNormComm_Cnt_lgc	0		
CDD_DisableHSBusNormComm_Cnt_lgc	0		
CDD_DwnldAsstGain_Uls_G_f32 CDD_EOLNxtrWIRSelect_Cnt_G_u16	0 42402		
CDD EOLSrlComSvcDft Cnt G b32	0		
CDD_GenPosTrajEnableFlag_Cnt_G_lgc	0		
CDD_PullCompDisableSvc_Cnt_G_lgc	0		
CDD_PwrAsstModeSvc_Cnt_G_lgc	0		
CDD_SftEndStpDisableSvc_Cnt_G_lgc	0		
CDD_WIRDisableSvc_Cnt_G_lgc MfgDiagInhibit_Uls_G_lgc	0		
Nvm_CMEC_Cnt_u8	0		
NxtrMEC_UIs_G_enum	0		
PrevMtrElecMechPolarity_Cnt_M_s08	1		
Rte_Inst_Sa_CDDInterface	tgt_Rte_Inst_Sa_CDDInterface		
tgt_CDDInterface_Per4_MtrElecMechPolarity_Cnt_s08.value	-1	0.000	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_BallNutTempEstSrlComSvcDft_			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgr tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DftAsstTbl_Cnt_lgc	tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc	DIL_CIIL_igc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DisableCEBusNormComm_Cnt		Comm Cnt Igc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DisableHSBusNormComm_Cnt			
$tgt \ \ Rte \ \ Inst \ \ Sa \ \ CDDInterface.CDDInterface \ \ Per4 \ \ DrivingDynSrlComSvcDft \ \ Cnt$	tgt_CDDInterface_Per4_DrivingDynSrlComS	vcDft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DwnldAsstGain_Uls_f32	tgt_CDDInterface_Per4_DwnldAsstGain_Uls	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_	tgt_CDDInterface_Per4_EOTImpactSrlComS		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_EOTThermalSrlComSvcDft_Cn tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_EOTThermalSrlCom tgt_CDDInterface_Per4_EngONSrlComSvcD		
tgt Rte Inst Sa CDDInterface.CDDInterface Per4 FreqDepDmpSrlComSvcDft Cr			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_FricLrnSrlComSvcDft_Cnt_Igc	tgt_CDDInterface_Per4_FricLrnSrlComSvcDf		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_HysAddSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_HysAddSrlComSvcD	oft_Cnt_lgc	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_HystCompSrlComSvcDft_Dinterface_Per4_HystCompSrlComSvcDft_Dinterface_Per4_HystCompSrlComSvcDft_Dinterface_Per4_HystCompSrlComSvcDft_Dinterface_Per4_HystCompSrlComSvcDft_Dinterface_Per4_HystCompSrlComSvcDft_Dinterface_Per4_HystCompSrlComSvcDft_Dinterface_Per4_HystCompSrlComSvcDft_Dinterface_Per4_HystCompSrlComSvcDft_Dinterface_Per4_HystCompSrlComSvcDft_Dinterface_Per4_HystCompSrlComSvcDft_Dinterface_Per4_HystCompSrlComSvcDft_Dinterface_Per4_HystCompSrlComSvcDft_Dinterface_Per4_HystCompSrlComSvcDft_Dinterface_Per4_$	tgt_CDDInterface_Per4_HystCompSrlComSv	rcDft_Cnt_lgc	
tgt Rte Inst Sa CDDInterface.CDDInterface Per4 KinIntDiagSrlComSvcDft Cnt I			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_LimitSrlComSvcDft_Cnt_Igc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MEC_Cnt_enum	tgt_CDDInterface_Per4_LimitSrlComSvcDft_tgt_CDDInterface_Per4_MEC_Cnt_enum	Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MfgDiagInhibit_Cnt_Igc	tgt_CDDInterface_Per4_MfgDiagInhibit_Cnt_	lac	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ModIdxSrlComSvcDft_Cnt_Igc	tgt_CDDInterface_Per4_ModIdxSrlComSvcD	-	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MtrElecMechPolarity_Cnt_s08$	tgt_CDDInterface_Per4_MtrElecMechPolarity	_Cnt_s08	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MtrParmNrmLrnSrlComSvcDft_Inst_SrlC$	tgt_CDDInterface_Per4_MtrParmNrmLrnSrlC	omSvcDft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MtrVelNrmLrnSrlComSvcDft_C		*	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MultIgnSrlComSvcDft_Cnt_lgc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_MultIgnSrlComSvcD tgt_CDDInterface_Per4_ParkAstSrlComSvcD		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ParkAsisinComSvcbit_Cnt_gc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_PosTrajEnable_Cnt_lgc	tgt_CDDInterface_Per4_PosTrajEnable_Cnt_	,	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_PullCompLrnSrlComSvcDft_Cn			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_PullCompSrlComSvcDft_Cnt_lg	tgt_CDDInterface_Per4_PullCompSrlComSvd	cDft_Cnt_lgc	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ReturnSrlComSvcDft_Cnt_lgc$	tgt_CDDInterface_Per4_ReturnSrlComSvcDf		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_RxMsgsSrlComSvcDft_Cnt_lgc			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_SftEndStpSrlComSvcDft_Cnt_letgt Rte_Inst_Sa_CDDInterface.CDDInterface Per4_SrlComSvcDft Cnt_b32			
tgt_Rte_inst_sa_codimenace.codimenace_rei4_shcomsvcbit_cht_bsz tgt_Rte_inst_sa_codimenace.codimenace_rei4_shcomsvcbit_cht_bsz tgt_Rte_inst_sa_codimenace.codimenace_rei4_shcomsvcbit_cht_bsz tgt_Rte_inst_sa_codimenace.codimenace_rei4_shcomsvcbit_cht_bsz tgt_Rte_inst_sa_codimenace.codimenace_rei4_shcomsvcbit_cht_bsz tgt_Rte_inst_sa_codimenace.codimenace_rei4_shcomsvcbit_cht_bsz tgt_Rte_inst_sa_codimenace.codimenace_rei4_shcomsvcbit_cht_bsz tgt_Rte_inst_sa_codimenace.codimenac	tgt_CDDInterface_Per4_SrlComSvcDft_Cnt_l tgt_CDDInterface_Per4_ThermalDCSrlComS		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_TrqRmpSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_TrqRmpSrlComSvcD		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_WIRMfgEnabled_Cnt_lgc	tgt_CDDInterface_Per4_WIRMfgEnabled_Cn	t_lgc	
Name	Actual Value	Expected Value	Result
CDD_ModldxSrlComSvcDft_Cnt_G_u16	0	0	~
PrevMtrElecMechPolarity_Cnt_M_s08	-1	-1	V
tgt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc.value	0	0	*
tgt_CDDInterface_Per4_DdffpingSnComSvcDit_Clit_igc.value	0	0	
tgt_CDDInterface_Per4_DisableCEBusNormComm_Cnt_lgc.value	0	0	-
tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc.value	0	0	•
tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc.value	0	0	•
tgt_CDDInterface_Per4_DwnldAsstGain_Uls_f32.value	0	0 ± 0.000009	•
tgt_CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_lgc.value	0	0	•
tgt_CDDInterface_Per4_EOTThermalSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc.value	0	0	✓
tgt_CDDInterface_Per4_ErigONSriComSvcDit_Cnt_igc.value	0	0	
tgt_CDDInterface_Per4_FricLrnSrlComSvcDft_Cnt_lgc.value	0	0	-
tgt_CDDInterface_Per4_HysAddSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_KinIntDiagSrlComSvcDft_Cnt_lgc.value	0	0	· ·
tgt_CDDInterface_Per4_LimitSrlComSvcDft_Cnt_lgc.value	0	0	✓

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Name	Actual Value	Expected Value	Result
tgt_CDDInterface_Per4_MEC_Cnt_enum.value	0	0	~
tgt_CDDInterface_Per4_MfgDiagInhibit_Cnt_lgc.value	0	0	•
tgt_CDDInterface_Per4_ModIdxSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_MtrParmNrmLrnSrlComSvcDft_Cnt_lgc.value	0	0	✓
tgt_CDDInterface_Per4_MtrVelNrmLrnSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_MultIgnSrlComSvcDft_Cnt_Igc.value	0	0	~
tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_PosTrajEnable_Cnt_lgc.value	0	0	•
tgt_CDDInterface_Per4_PullCompLrnSrlComSvcDft_Cnt_lgc.value	0	0	•
tgt_CDDInterface_Per4_PullCompSrlComSvcDft_Cnt_lgc.value	0	0	•
tgt_CDDInterface_Per4_ReturnSrlComSvcDft_Cnt_lgc.value	0	0	•
tgt_CDDInterface_Per4_RxMsgsSrlComSvcDft_Cnt_lgc.value	0	0	✓
tgt_CDDInterface_Per4_SftEndStpSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_SrlComSvcDft_Cnt_b32.value	0	0	~
tgt_CDDInterface_Per4_ThermalDCSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_TrqRmpSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_WIRMfgEnabled_Cnt_lgc.value	1	1	~

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Sa_CDDInterface_CDDPorts_ApplyMtrElecMechPol	1	Rte_Call_Sa_CDDInterface_CDDPorts_ApplyMtrElecMechPol	1	~



Test Case 2: Boundary Test

Specification

Performance Metrics (With "None" Instrumentation and WithPS Environment) CPU Cycles: TS2.1 726.00 Cycles TS2.2 762.00 Cycles TS2.3 731.00 Cycles TS2.4 737.00 Cycles TS2.5 1258.00 Cycles TS2.6 1213.00 Cycles TS2.7 1222.00 Cycles TS2.6 1213.00 Cycles
TS2.7 1222.00 Cycles
TS2.7 1222.00 Cycles
TS2.8 1279.00 Cycles
TS2.8 1279.00 Cycles
TS2.10 768.00 Cycles
TS2.11 759.00 Cycles
TS2.11 759.00 Cycles
TS2.12 764.00 Cycles
TS2.12 764.00 Cycles
TS2.13 1170.00 Cycles
TS2.15 1276.00 Cycles
TS2.15 1276.00 Cycles
TS2.16 1193.00 Cycles
TS2.17 735.00 Cycles
TS2.18 803.00 Cycles
TS2.19 1193.00 Cycles
TS2.11 1195.00 Cycles
TS2.22 1170.00 Cycles
TS2.22 1182.00 Cycles
TS2.23 784.00 Cycles
TS2.24 1255.00 Cycles
TS2.25 1268.00 Cycles
TS2.25 1268.00 Cycles
TS2.26 1183.00 Cycles
TS2.27 1215.00 Cycles
TS2.28 1252.00 Cycles
TS2.29 768.00 Cycles
TS2.29 1268.00 Cycles
TS2.21 1145.00 Cycles
TS2.23 1145.00 Cycles
TS2.23 1145.00 Cycles
TS2.31 1246.00 Cycles
TS2.33 1228.00 Cycles
TS2.35 741.00 Cycles
TS2.36 724.00 Cycles
TS2.37 1215.00 Cycles
TS2.38 1209.00 Cycles
TS2.39 1182.00 Cycles
TS2.39 1182.00 Cycles
TS2.39 1182.00 Cycles
TS2.39 1182.00 Cycles
TS2.41 1219.00 Cycles

Description

Vector Description:

TS2.1All Min TS2.3MtrElecMechPolarity_Cnt_s08=min
TS2.3MtrElecMechPolarity_Cnt_s08=max
TS2.5PrevMtrElecMechPolarity_Cnt_M_s08=min
TS2.6PrevMtrElecMechPolarity_Cnt_M_s08=max
TS2.6PrevMtrElecMechPolarity_Cnt_M_s08=max
TS2.7CDD_EOLNxtrWlRSelect_Cnt_G_u16=min
TS2.8CDD_EOLNxtrWlRSelect_Cnt_G_u16=max TS2.9CDD_EOLNxtrWIRSelect_Cnt_G_u16=pos TS2.10CDD_WIRDisableSvc_Cnt_G_lgc=min TS2.11CDD_WIRDisableSvc_Cnt_G_lgc=max TS2.12CDD_EOLSrlComSvcDft_Cnt_G_b32=min TS2.13CDD_EOLSrlComSvcDft_Cnt_G_b32=max TS2.14CDD_EOLSrlComSvcDft_Cnt_G_b32=pos IS2.14CDD_EOLS/ICOMSVDIT_Cht_G_532=pos
TS2.15NxtrMEC_UIs_G_enum=ProductionMode
TS2.16NxtrMEC_UIs_G_enum=ManufacturingMode
TS2.17NxtrMEC_UIs_G_enum=EngineeringMode
TS2.18Nvm_CMEC_Cht_u8=Min
TS2.19Nvm_CMEC_Cht_u8=Max
TS2.20Nvm_CMEC_Cnt_u8=Pos
TS2.21CDD_DisableHSBusNormComm_Cnt_Igc=min TS2.22CDD_DisableHSBusNormComm_Cnt_lgc=max TS2.23CDD_DisableCEBusNormComm_Cnt_lgc=min TS2.24CDD DisableCEBusNormComm Cnt Igc=max TS2.25MfgDiagInhibit_UIs_G_lgc=min TS2.26MfgDiagInhibit_UIs_G_lgc=max TS2.27CDD_DftAsstTbl_Cnt_G_lgc=min TS2.28CDD_DftAsstTbl_Cnt_G_lgc=max TS2.29CDD_DwnldAsstGain_Uls_G_f32=min TS2.30CDD_DwnldAsstGain_Uls_G_f32=max TS2.31CDD_DwnldAsstGain_Uls_G_f32=pos TS2.32CDD_PwrAsstModeSvc_Cnt_G_lgc=min TS2.33CDD_PwrAsstModeSvc_Cnt_G_lgc=max TS2.34CDD_PullCompDisableSvc_Cnt_G_lgc=min TS2.35CDD PullCompDisableSvc_Cnt_G_lgc=max
TS2.35CDD BallNutTempEstDisableSvc_Cnt_G_lgc=min
TS2.37CDD_BallNutTempEstDisableSvc_Cnt_G_lgc=max
TS2.38CDD_SftEndStpDisableSvc_Cnt_G_lgc=min
TS2.39CDD_SftEndStpDisableSvc_Cnt_G_lgc=max TS2.40CDD_GenPosTrajEnableFlag_Cnt_G_lgc=min

TS2.41CDD_GenPosTrajEnableFlag_Cnt_G_lgc=max

Test Step 2.1 (Repeat Count = 1)		✓
Name	Input Value	
CDD_BallNutTempEstDisableSvc_Cnt_G_lgc	0	
CDD_DftAsstTbl_Cnt_G_lgc	0	
CDD_DisableCEBusNormComm_Cnt_lgc	0	
CDD_DisableHSBusNormComm_Cnt_lgc	0	
CDD_DwnldAsstGain_Uls_G_f32	0	





Name	Input Value		
CDD_EOLNxtrWIRSelect_Cnt_G_u16	0		
CDD_EOLSrlComSvcDft_Cnt_G_b32	0		
CDD_GenPosTrajEnableFlag_Cnt_G_lgc	0		
CDD_PullCompDisableSvc_Cnt_G_lgc	0		
CDD_PwrAsstModeSvc_Cnt_G_lgc	0		
CDD_SftEndStpDisableSvc_Cnt_G_lgc CDD_WIRDisableSvc_Cnt_G_lgc	0		
MfgDiagInhibit_Uls_G_lgc	0		
Nvm_CMEC_Cnt_u8	0		
NxtrMEC_UIs_G_enum	0		
PrevMtrElecMechPolarity_Cnt_M_s08	-1		
Rte_Inst_Sa_CDDInterface	tgt_Rte_Inst_Sa_CDDInterface		
tgt_CDDInterface_Per4_MtrElecMechPolarity_Cnt_s08.value	-1		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_BallNutTempEstSrlComSvcDft_			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lg		Dπ_Cnt_igc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DftAsstTbl_Cnt_lgc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DisableCEBusNormComm_Cnt	tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc	Comm Cnt lac	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DisableHSBusNormComm_Cn			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DwnldAsstGain_Uls_f32	tgt_CDDInterface_Per4_DwnldAsstGain_Uls	_f32	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_EOTImpactSrlComSvcDinterfac$	tgt_CDDInterface_Per4_EOTImpactSrlComS	vcDft_Cnt_lgc	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_EOTThermalSrlComSvcDft_CndInterface_Per5_EOTThermalSrlComSvcDft_CndInterface_Per5_EOTThermalSrlComSvcDft_CndInt$	tgt_CDDInterface_Per4_EOTThermalSrlCom	SvcDft_Cnt_lgc	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc$	tgt_CDDInterface_Per4_EngONSrlComSvcD		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_FreqDepDmpSrlComSvcDft_Cr			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_FricLrnSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_FricLrnSrlComSvcDf		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_HysAddSrlComSvcDft_Cnt_Igc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_I			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_KinIntDiagSrlComSvcDft_Cnt_I			
tgt Rte Inst Sa CDDInterface.CDDInterface Per4 LimitSrlComSvcDft Cnt lgc	tgt CDDInterface Per4 LimitSrlComSvcDft		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MEC_Cnt_enum	tgt_CDDInterface_Per4_MEC_Cnt_enum		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MfgDiagInhibit_Cnt_lgc	tgt_CDDInterface_Per4_MfgDiagInhibit_Cnt_	<u>lgc</u>	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ModIdxSrlComSvcDft_Cnt_lgc$	tgt_CDDInterface_Per4_ModIdxSrlComSvcD	ft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MtrElecMechPolarity_Cnt_s08	tgt_CDDInterface_Per4_MtrElecMechPolarity		
tgt Rte Inst Sa CDDInterface.CDDInterface Per4 MtrParmNrmLrnSrlComSvcDft	tgt_CDDInterface_Per4_MtrParmNrmLrnSrlC		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MtrVelNrmLrnSrlComSvcDft_C tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MultIgnSrlComSvcDft_Cnt_Igc	tgt_CDDInterface_Per4_MitrVellvrmLrnSrlCor tgt_CDDInterface_Per4_MultIgnSrlComSvcD		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_PosTrajEnable_Cnt_Igc	tgt_CDDInterface_Per4_PosTrajEnable_Cnt_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_PullCompLrnSrlComSvcDft_Cn			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_PullCompSrlComSvcDft_Cnt_lo	tgt_CDDInterface_Per4_PullCompSrlComSvd	cDft_Cnt_lgc	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ReturnSrlComSvcDft_Cnt_lgc$	tgt_CDDInterface_Per4_ReturnSrlComSvcDf	t_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_RxMsgsSrlComSvcDft_Cnt_lgc			
tgt Rte Inst Sa CDDInterface.CDDInterface Per4 SftEndStpSrlComSvcDft Cnt In			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_SrlComSvcDft_Cnt_b32 tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ThermalDCSrlComSvcDft_Cnt_	tgt_CDDInterface_Per4_SrlComSvcDft_Cnt_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_TrqRmpSrlComSvcDft_Cnt_Igc			
tgt Rte Inst Sa CDDInterface.CDDInterface Per4 WIRMfgEnabled Cnt Igc	tgt_CDDInterface_Per4_WIRMfgEnabled_Cn		
Name			
CDD_ModldxSrlComSvcDft_Cnt_G_u16	Actual Value	ıt_lgc	Result
	Actual Value		Result
PrevMtrElecMechPolarity_Cnt_M_s08		t_lgc Expected Value	Result
PrevMtrElecMechPolarity_Cnt_M_s08 tgt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_lgc.value	0	t_lgc Expected Value 0	Result
	0 -1	t_lgc Expected Value 0 -1	Result
tgt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc.value	0 -1 0 0	t_lgc Expected Value 0 -1 0 0	***
tgt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc.value tgt_CDDInterface_Per4_DisableCEBusNormComm_Cnt_lgc.value	0 -1 0 0 0	t_lgc Expected Value 0 -1 0 0 0	~ ~
tgt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc.value tgt_CDDInterface_Per4_DisableCEBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc.value	0 -1 0 0 0 0	t_lgc Expected Value 0 -1 0 0 0 0 0	
tgt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc.value tgt_CDDInterface_Per4_DisableCEBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc.value	0 -1 0 0 0 0 0	t_lgc Expected Value 0 -1 0 0 0 0 0 0 0	
tgt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc.value tgt_CDDInterface_Per4_DisableCEBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DwnldAsstGain_Uls_f32.value	0 -1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	t_lgc Expected Value 0 -1 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 0 0	
tgt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc.value tgt_CDDInterface_Per4_DisableCEBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DwnldAsstGain_Uls_f32.value tgt_CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_lgc.value	0 -1 0 0 0 0 0	t_lgc Expected Value 0 -1 0 0 0 0 0 0 0	
tgt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc.value tgt_CDDInterface_Per4_DisableCEBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DwnldAsstGain_Uls_f32.value	0 -1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	t_lgc Expected Value 0 -1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
tgt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc.value tgt_CDDInterface_Per4_DisableCEBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DwnldAsstGain_Uls_f32.value tgt_CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTThermalSrlComSvcDft_Cnt_lgc.value	0 -1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	t_lgc Expected Value 0 -1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
tgt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc.value tgt_CDDInterface_Per4_DisableCEBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DwnldAsstGain_Uls_f32.value tgt_CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTThermalSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_FreqDepDmpSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_FreqDepDmpSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_FricLrnSrlComSvcDft_Cnt_lgc.value	0 -1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	t_lgc Expected Value 0 -1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
tgt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc.value tgt_CDDInterface_Per4_DisableCEBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DwnldAsstGain_Uls_f32.value tgt_CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTThermalSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_FreqDepDmpSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_FricLrmSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_FricLrmSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HysAddSrlComSvcDft_Cnt_lgc.value	0 -1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	t_lgc Expected Value 0 -1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
tgt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc.value tgt_CDDInterface_Per4_DisableCEBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DwnldAsstGain_Uls_f32.value tgt_CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTThermalSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_FreqDepDmpSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_FricLrnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HysAddSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HysAddSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HysAddSrlComSvcDft_Cnt_lgc.value	0 -1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	t_lgc Expected Value 0 -1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
tgt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc.value tgt_CDDInterface_Per4_DisableCEBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DwnldAsstGain_Uls_f32.value tgt_CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTThermalSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_FreqDepDmpSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_FricLrnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HysAddSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HysCompSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HysCompSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_KinIntDiagSrlComSvcDft_Cnt_lgc.value	0 -1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	t_lgc Expected Value 0 -1 0 0 0 0 0 0 0 0 0 0 ± 0.000009 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
tgt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc.value tgt_CDDInterface_Per4_DisableCEBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTThermalSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_FreqDepDmpSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_FricLrnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HysAddSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HysCompSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_KinIntDiagSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_LimitSrlComSvcDft_Cnt_lgc.value	0 -1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	t_lgc Expected Value 0 -1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
tgt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc.value tgt_CDDInterface_Per4_DisableCEBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTThermalSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTThermalSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_FreqDepDmpSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_FricLrnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HysAddSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HysCompSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_KinIntDiagSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_LimitSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_LimitSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MEC_Cnt_enum.value	0 -1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	t_lgc Expected Value 0 -1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
tgt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc.value tgt_CDDInterface_Per4_DisableCEBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DivingDynSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DownldAsstGain_Uls_f32.value tgt_CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTThermalSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_FreqDepDmpSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HysAddSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HysAddSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_KinIntDiagSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_LimitSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MEC_Cnt_enum.value tgt_CDDInterface_Per4_MEC_Cnt_enum.value	0 -1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	t_lgc Expected Value 0 -1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
tgt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc.value tgt_CDDInterface_Per4_DisableCEBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTThermalSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTThermalSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_FreqDepDmpSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_FricLrnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HysAddSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HysCompSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_KinIntDiagSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_LimitSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_LimitSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MEC_Cnt_enum.value	0 -1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	t_lgc Expected Value 0 -1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
tgt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc.value tgt_CDDInterface_Per4_DisableCEBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DivingDynSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTThermalSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_FreqDepDmpSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HysAddSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_LimitSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_LimitSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MEC_Cnt_enum.value tgt_CDDInterface_Per4_MEC_Cnt_enum.value tgt_CDDInterface_Per4_ModldxSrlComSvcDft_Cnt_lgc.value	0 -1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	t_lgc Expected Value 0 -1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
tgt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc.value tgt_CDDInterface_Per4_DisableCEBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DvnldAsstGain_Uls_f32.value tgt_CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTThermalSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTThermalSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_FricLrnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_FricLrnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HysAddSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_KinIntDiagSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_LimitSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MEC_Cnt_enum.value tgt_CDDInterface_Per4_MfgDiagInhibit_Cnt_lgc.value tgt_CDDInterface_Per4_MdfgDiagInhibit_Cnt_lgc.value tgt_CDDInterface_Per4_ModldxSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MdfgDiagInhibit_Cnt_lgc.value	0	t_lgc Expected Value 0 -1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	

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Name	Actual Value	Expected Value	Result
tgt_CDDInterface_Per4_PosTrajEnable_Cnt_lgc.value	0	0	✓
tgt_CDDInterface_Per4_PullCompLrnSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_PullCompSrlComSvcDft_Cnt_lgc.value	0	0	✓
tgt_CDDInterface_Per4_ReturnSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_RxMsgsSrlComSvcDft_Cnt_lgc.value	0	0	✓
tgt_CDDInterface_Per4_SftEndStpSrlComSvcDft_Cnt_lgc.value	0	0	✓
tgt_CDDInterface_Per4_SrlComSvcDft_Cnt_b32.value	0	0	✓
tgt_CDDInterface_Per4_ThermalDCSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_TrqRmpSrlComSvcDft_Cnt_lgc.value	0	0	✓
tgt_CDDInterface_Per4_WIRMfgEnabled_Cnt_lgc.value	0	0	~

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
none	0	*** No Call Expected ***	0	~





Test Step 2.2 (Repeat Count = 1)			V
Name	Input Value		
CDD_BallNutTempEstDisableSvc_Cnt_G_lgc	1		
CDD_DftAsstTbl_Cnt_G_lgc	1		
CDD_DisableCEBusNormComm_Cnt_lgc	1		
CDD_DisableHSBusNormComm_Cnt_lgc	1		
CDD_DwnIdAsstGain_Uls_G_f32	10		
CDD_EOLNxtrWIRSelect_Cnt_G_u16 CDD_EOLSrlComSvcDft_Cnt_G_b32	65535 4294967295		
CDD GenPosTrajEnableFlag Cnt G lgc	1		
CDD PullCompDisableSvc Cnt G lgc	1		
CDD_PwrAsstModeSvc_Cnt_G_lgc	1		
CDD_SftEndStpDisableSvc_Cnt_G_lgc	1		
CDD_WIRDisableSvc_Cnt_G_lgc	1		
MfgDiagInhibit_Uls_G_lgc	1		
Nvm_CMEC_Cnt_u8	255		
NxtrMEC_UIs_G_enum	2		
PrevMtrElecMechPolarity_Cnt_M_s08 Rte_Inst_Sa_CDDInterface	1 tot Pto Inct Sa CDDInterface		
tgt_CDDInterface_Per4_MtrElecMechPolarity_Cnt_s08.value	tgt_Rte_Inst_Sa_CDDInterface		
tgt Rte Inst Sa CDDInterface.CDDInterface Per4 BallNutTempEstSrlComSvcDft	tgt_CDDInterface_Per4_BallNutTempEstSrlC	comSvcDft Cnt lac	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lge			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DftAsstTbl_Cnt_lgc	tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc		
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DisableCEBusNormComm_CntDInterface_Per4_DisableCEBUsNormComm_CntDInterface_Per4_DisableCEBUsNormComm_CntDInterface_Pe$	tgt_CDDInterface_Per4_DisableCEBusNorm	Comm_Cnt_lgc	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DisableHSBusNormComm_CntDInterface_Pe$			
tgt Rte Inst Sa CDDInterface.CDDInterface Per4 DrivingDynSrlComSvcDft Cnt	tgt_CDDInterface_Per4_DrivingDynSrlComS		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DwnldAsstGain_Uls_f32	tgt_CDDInterface_Per4_DwnldAsstGain_Uls		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_EOTThermalSrlComSvcDft_Cn	tgt_CDDInterface_Per4_EOTThermalSrlCom		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_FreqDepDmpSrlComSvcDft_Cr	tgt_CDDInterface_Per4_EngONSrlComSvcD tgt_CDDInterface_Per4_FreqDepDmpSrlCom		
tgt Rte Inst Sa CDDInterface.CDDInterface Per4 FricLrnSrlComSvcDft Cnt Igc	tgt CDDInterface Per4 FricLrnSrlComSvcDf		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_HysAddSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_HysAddSrlComSvcD		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_I			
tgt Rte Inst Sa CDDInterface.CDDInterface Per4 KinIntDiagSrlComSvcDft Cnt Ig	tgt_CDDInterface_Per4_KinIntDiagSrlComSv	cDft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_LimitSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_LimitSrlComSvcDft_	Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MEC_Cnt_enum	tgt_CDDInterface_Per4_MEC_Cnt_enum		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MfgDiagInhibit_Cnt_lgc	tgt_CDDInterface_Per4_MfgDiagInhibit_Cnt_	-	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ModidxSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_ModIdxSrlComSvcD		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MtrElecMechPolarity_Cnt_s08	tgt_CDDInterface_Per4_MtrElecMechPolarity		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MtrParmNrmLrnSrlComSvcDft_ tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MtrVelNrmLrnSrlComSvcDft_Ci	tgt_CDDInterface_Per4_MtrParmNrmLrnSrlC tgt_CDDInterface_Per4_MtrVelNrmLrnSrlCor		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MultignSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_MultIgnSrlComSvcD		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_PosTrajEnable_Cnt_lgc	tgt_CDDInterface_Per4_PosTrajEnable_Cnt_	lgc	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_PullCompLrnSrlComSvcDft_Cnnscreenselder_Persell$	tgt_CDDInterface_Per4_PullCompLrnSrlCom	SvcDft_Cnt_lgc	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_PullCompSrlComSvcDft_Cnt_lgradered and the composition of t$			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ReturnSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_ReturnSrlComSvcDf		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_RxMsgsSrlComSvcDft_Cnt_lgc			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_SftEndStpSrlComSvcDft_Cnt_lq			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_SrlComSvcDft_Cnt_b32	tgt_CDDInterface_Per4_SrlComSvcDft_Cnt_l tgt_CDDInterface_Per4_ThermalDCSrlComS		
tgt Rte Inst Sa CDDInterface.CDDInterface Per4 ThermalDCSrlComSvcDft Cnt tgt Rte Inst Sa CDDInterface.CDDInterface Per4 TrqRmpSrlComSvcDft Cnt lgc	tgt_CDDInterface_Per4_TrqRmpSrlComSvcI		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_WIRMfgEnabled_Cnt_lgc	tgt_CDDInterface_Per4_WIRMfgEnabled_Cn		
Name	Actual Value	Expected Value	Result
CDD_ModIdxSrlComSvcDft_Cnt_G_u16	1	1	
PrevMtrElecMechPolarity_Cnt_M_s08	1	1	✓
tgt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_DisableCEBusNormComm_Cnt_lgc.value	1	1	✓
tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc.value	1	1	•
tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc.value	1	1	✓
tgt_CDDInterface_Per4_DwnldAsstGain_Uls_f32.value	10	10 ± 0.00009	· ·
tgt_CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTThermalSrlComSvcDft_Cnt_lgc.value	1	1	
tgt_CDDInterface_Per4_E01ThermalshcomSvcDit_Cnt_lgc.value tgt_CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc.value	1	1	
tgt_CDDInterface_Per4_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	1	1	
tgt_CDDInterface_Per4_FricLrnSrlComSvcDft_Cnt_lgc.value	1	1	•
tgt_CDDInterface_Per4_HysAddSrlComSvcDft_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_KinIntDiagSrlComSvcDft_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_LimitSrlComSvcDft_Cnt_lgc.value	1	1	✓

CDDInterface_Per4





Name	Actual Value	Expected Value	Result
tgt_CDDInterface_Per4_MEC_Cnt_enum.value	2	2	~
tgt_CDDInterface_Per4_MfgDiagInhibit_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_ModIdxSrlComSvcDft_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_MtrParmNrmLrnSrlComSvcDft_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_MtrVelNrmLrnSrlComSvcDft_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_MultIgnSrlComSvcDft_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_PosTrajEnable_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_PullCompLrnSrlComSvcDft_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_PullCompSrlComSvcDft_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_ReturnSrlComSvcDft_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_RxMsgsSrlComSvcDft_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_SftEndStpSrlComSvcDft_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_SrlComSvcDft_Cnt_b32.value	4294967295	4294967295	~
tgt_CDDInterface_Per4_ThermalDCSrlComSvcDft_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_TrqRmpSrlComSvcDft_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_WIRMfgEnabled_Cnt_lgc.value	0	0	~

	Test Step Call Trace				✓
	Actual Function	Count	Expected Function	Count	Result
,	'none*	0	*** No Call Expected ***	0	~

	Immit Value
lame	Input Value
DD_BallNutTempEstDisableSvc_Cnt_G_lgc	0
DD_DftAsstTbl_Cnt_G_lgc	1
DD_DisableCEBusNormComm_Cnt_lgc	0
DD_DisableHSBusNormComm_Cnt_lgc	0
DD_DwnldAsstGain_Uls_G_f32	1.25
DD_EOLNxtrWIRSelect_Cnt_G_u16	1259
DD_EOLSrlComSvcDft_Cnt_G_b32	2548
DD_GenPosTrajEnableFlag_Cnt_G_lgc	0
DD_PullCompDisableSvc_Cnt_G_lgc	0
DD_PwrAsstModeSvc_Cnt_G_lgc	1
DD_SftEndStpDisableSvc_Cnt_G_lgc	1
DD_WIRDisableSvc_Cnt_G_lgc	0
lfgDiagInhibit_Uls_G_lgc	1
vm_CMEC_Cnt_u8	174
xtrMEC_UIs_G_enum	0
revMtrElecMechPolarity_Cnt_M_s08	-1
te_Inst_Sa_CDDInterface	tgt_Rte_Inst_Sa_CDDInterface
t_CDDInterface_Per4_MtrElecMechPolarity_Cnt_s08.value	-1
t_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_BallNutTempEstSrlComSvc	cDft_ tgt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_lgc
t_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DampingSrlComSvcDft_Cn	ıt_lgı tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc
t_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DftAsstTbl_Cnt_lgc	tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc
t_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DisableCEBusNormComm_	_Cnt tgt_CDDInterface_Per4_DisableCEBusNormComm_Cnt_lgc
t_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DisableHSBusNormComm_	_Cnt tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc
t Rte Inst Sa CDDInterface.CDDInterface Per4 DrivingDynSrlComSvcDft (Cnt tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc
t_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DwnldAsstGain_Uls_f32	tgt_CDDInterface_Per4_DwnldAsstGain_Uls_f32
t_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_EOTImpactSrlComSvcDft_i	Cnt_tgt_CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_lgc
t_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_EOTThermalSrlComSvcDft	t_Cn tgt_CDDInterface_Per4_EOTThermalSrlComSvcDft_Cnt_lgc
t_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_EngONSrlComSvcDft_Cnt_	_lgc tgt_CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc
t_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_FreqDepDmpSrlComSvcDf	ft_Cr tgt_CDDInterface_Per4_FreqDepDmpSrlComSvcDft_Cnt_lgc
t Rte Inst Sa CDDInterface.CDDInterface Per4 FricLrnSrlComSvcDft Cnt	lgc tgt CDDInterface Per4 FricLrnSrlComSvcDft Cnt lgc
t Rte Inst Sa CDDInterface.CDDInterface Per4 HysAddSrlComSvcDft Cnt	lgc tgt CDDInterface Per4 HysAddSrlComSvcDft Cnt lgc
t Rte Inst Sa CDDInterface.CDDInterface Per4 HystCompSrlComSvcDft C	Cnt tgt CDDInterface Per4 HystCompSrlComSvcDft Cnt tgc
t Rte Inst Sa CDDInterface.CDDInterface Per4 KinIntDiagSrlComSvcDft C	Cnt I tgt CDDInterface Per4 KinIntDiagSrlComSvcDft Cnt Igc
t_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_LimitSrlComSvcDft_Cnt_Igo	
t_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MEC_Cnt_enum	tgt_CDDInterface_Per4_MEC_Cnt_enum
t Rte Inst Sa CDDInterface.CDDInterface Per4 MfgDiagInhibit Cnt Igc	tgt_CDDInterface_Per4_MfgDiagInhibit_Cnt_lgc
t Rte Inst Sa CDDInterface.CDDInterface Per4 ModldxSrlComSvcDft Cnt	
t Rte Inst Sa CDDInterface.CDDInterface Per4 MtrElecMechPolarity Cnt s	
t Rte Inst Sa CDDInterface.CDDInterface Per4 MtrParmNrmLrnSrlComSvc	
t_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MtrVelNrmLrnSrlComSvcD	
t_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MultIgnSrlComSvcDft_Cnt_	
t_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt	
t_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_PosTrajEnable_Cnt_lgc	tgt_CDDInterface_Per4_PosTrajEnable_Cnt_lgc
t Rte Inst Sa CDDInterface.CDDInterface Per4 PullCompLrnSrlComSvcDft	
t_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_PullCompSrlComSvcDft_Ci	-
t Rte Inst Sa CDDInterface.CDDInterface Per4 ReturnSrlComSvcDft Cnt	





Name	Input Value		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_RxMsgsSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_RxMsgsSrlComSvcI	Dft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_SftEndStpSrlComSvcDft_Cnt_lc	tgt_CDDInterface_Per4_SftEndStpSrlComSvcDft_Cnt_lgc		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_SrlComSvcDft_Cnt_b32	tgt_CDDInterface_Per4_SrlComSvcDft_Cnt_b32		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ThermalDCSrlComSvcDft_Cnt_	tgt_CDDInterface_Per4_ThermalDCSrlComS	SvcDft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_TrqRmpSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_TrqRmpSrlComSvcI	Dft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_WIRMfgEnabled_Cnt_lgc	tgt_CDDInterface_Per4_WIRMfgEnabled_Cr	nt_lgc	
Name	Actual Value	Expected Value	Result
CDD_ModIdxSrlComSvcDft_Cnt_G_u16	0	0	~
PrevMtrElecMechPolarity_Cnt_M_s08	-1	-1	~
tgt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_DisableCEBusNormComm_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_DwnldAsstGain_Uls_f32.value	1.25	1.25 ± 0.000009	~
tgt_CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_EOTThermalSrlComSvcDft_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_FricLrnSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_HysAddSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_KinIntDiagSrlComSvcDft_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_LimitSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_MEC_Cnt_enum.value	0	0	~
tgt_CDDInterface_Per4_MfgDiagInhibit_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_ModIdxSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_MtrParmNrmLrnSrlComSvcDft_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_MtrVelNrmLrnSrlComSvcDft_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_MultIgnSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_PosTrajEnable_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_PullCompLrnSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_PullCompSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_ReturnSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_RxMsgsSrlComSvcDft_Cnt_lgc.value	0	0	~
$tgt_CDDInterface_Per4_SftEndStpSrlComSvcDft_Cnt_lgc.value$	1	1	~
tgt_CDDInterface_Per4_SrlComSvcDft_Cnt_b32.value	2548	2548	~
tgt_CDDInterface_Per4_ThermalDCSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_TrqRmpSrlComSvcDft_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_WIRMfgEnabled_Cnt_lgc.value	0	0	

Test Step Call Trace			✓	
Actual Function	Count	Expected Function	Count	Result
none	0	*** No Call Expected ***	0	~

Test Step 2.4 (Repeat Count = 1)	✓
Name	Input Value
CDD_BallNutTempEstDisableSvc_Cnt_G_lgc	1
CDD_DftAsstTbl_Cnt_G_lgc	0
CDD_DisableCEBusNormComm_Cnt_lgc	1
CDD_DisableHSBusNormComm_Cnt_lgc	1
CDD_DwnldAsstGain_Uls_G_f32	2.25
CDD_EOLNxtrWIRSelect_Cnt_G_u16	2548
CDD_EOLSrlComSvcDft_Cnt_G_b32	3687
CDD_GenPosTrajEnableFlag_Cnt_G_lgc	0
CDD_PullCompDisableSvc_Cnt_G_lgc	1
CDD_PwrAsstModeSvc_Cnt_G_lgc	0
CDD_SftEndStpDisableSvc_Cnt_G_lgc	0
CDD_WIRDisableSvc_Cnt_G_lgc	1
MfgDiagInhibit_Uls_G_lgc	0
Nvm_CMEC_Cnt_u8	125
NxtrMEC_UIs_G_enum	1
PrevMtrElecMechPolarity_Cnt_M_s08	1
Rte_Inst_Sa_CDDInterface	tgt_Rte_Inst_Sa_CDDInterface
tgt_CDDInterface_Per4_MtrElecMechPolarity_Cnt_s08.value	1
tgt Rte Inst Sa CDDInterface.CDDInterface Per4 BallNutTempEstSrlComSvcDft	tgt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_lgc
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgradered and the state of the state$	tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DftAsstTbl_Cnt_lgc	tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc





Name	Input Value		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DisableCEBusNormComm_Cnt	tgt_CDDInterface_Per4_DisableCEBusNorm	Comm_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DisableHSBusNormComm_Cnt	tgt_CDDInterface_Per4_DisableHSBusNorm	Comm_Cnt_lgc	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_SrlComSvcDft_SrlComSvcDft_Cnt_Inst_SrlComSvcDft_SrlComSvcDft_Cnt_Inst_SrlComSvcDft_Cnt_Inst_SrlComSvcDft_Cnt_Inst_SrlComSvcDft_SrlComSvcDft$	tgt_CDDInterface_Per4_DrivingDynSrlComS	vcDft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DwnldAsstGain_Uls_f32	tgt_CDDInterface_Per4_DwnldAsstGain_Uls		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_EOTThermalSrlComSvcDft_Cn			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_EngONSrlComSvcD		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_FreqDepDmpSrlComSvcDft_Cr tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_FricLrnSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_FreqDepDmpSrlCon tgt_CDDInterface_Per4_FricLrnSrlComSvcDi		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_HysAddSrlComSvcDft_Cnt_lgc			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_I			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_KinIntDiagSrlComSvcDft_Cnt_I			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_LimitSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_LimitSrlComSvcDft_	Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MEC_Cnt_enum	tgt_CDDInterface_Per4_MEC_Cnt_enum		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MfgDiagInhibit_Cnt_lgc	tgt_CDDInterface_Per4_MfgDiagInhibit_Cnt_	<u>lgc</u>	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ModIdxSrlComSvcDft_Cnt_lgc$	tgt_CDDInterface_Per4_ModIdxSrlComSvcD	ft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MtrElecMechPolarity_Cnt_s08	tgt_CDDInterface_Per4_MtrElecMechPolarity		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MtrParmNrmLrnSrlComSvcDft_			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MtrVelNrmLrnSrlComSvcDft_C			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MultignSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_MultIgnSrlComSvcD		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_PosTrajEnable_Cnt_lgc	tgt_CDDInterface_Per4_ParkAstSrlComSvcE tgt_CDDInterface_Per4_PosTrajEnable_Cnt		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_PullCompLrnSrlComSvcDft_Cn			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_PullCompSrlComSvcDft_Cnt_lc			
tgt Rte Inst Sa CDDInterface.CDDInterface Per4 ReturnSrlComSvcDft Cnt lgc	tgt_CDDInterface_Per4_ReturnSrlComSvcDf		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_RxMsgsSrlComSvcDft_Cnt_lgc			
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_SftEndStpSrlComSvcDft_Cnt_IqUID and the state of the state o$	tgt_CDDInterface_Per4_SftEndStpSrlComSv	cDft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_SrlComSvcDft_Cnt_b32	tgt_CDDInterface_Per4_SrlComSvcDft_Cnt_	b32	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ThermalDCSrlComSvcDft_Cnt_Inst_Sa_CDDInterface.CDDInterface_Per4_ThermalDCSrlComSvcDft_Cnt_Inst_Sa_CDDInterface.CDDInterface_Per4_ThermalDCSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_ThermalDCSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_ThermalDCSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_ThermalDCSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_ThermalDCSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_ThermalDCSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_ThermalDCSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_ThermalDCSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_ThermalDCSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_ThermalDCSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_ThermalDCSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_ThermalDCSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_ThermalDCSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_ThermalDCSrlComSvcDft_Cnt_Sa_CDDInterface_Per4_ThermalDCSrlComS$	tgt_CDDInterface_Per4_ThermalDCSrlComS	SvcDft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_TrqRmpSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_TrqRmpSrlComSvcI	Oft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_WIRMfgEnabled_Cnt_lgc	tgt_CDDInterface_Per4_WIRMfgEnabled_Cn	nt_lgc	
Name	Actual Value	Expected Value	Result
CDD_ModldxSrlComSvcDft_Cnt_G_u16	1	1	~
PrevMtrElecMechPolarity_Cnt_M_s08	1	1	*
tgt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc.value	0	0	-
tgt_CDDInterface_Per4_DisableCEBusNormComm_Cnt_lgc.value	1	1	✓
tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc.value	0	0	✓
tgt_CDDInterface_Per4_DwnldAsstGain_Uls_f32.value	2.25	2.25 ± 0.000009	~
$tgt_CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_lgc.value$	0	0	~
tgt_CDDInterface_Per4_EOTThermalSrlComSvcDft_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	1	1	
tgt_CDDInterface_Per4_FricLrnSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_HysAddSrlComSvcDft_Cnt_lgc.value	0	0	-
tgt_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_KinIntDiagSrlComSvcDft_Cnt_lgc.value	1	1	
tgt_CDDInterface_Per4_LimitSrlComSvcDft_Cnt_lgc.value	0	0	V
tgt_CDDInterface_Per4_MEC_Cnt_enum.value	1	1	~
tgt_CDDInterface_Per4_MfgDiagInhibit_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_ModIdxSrlComSvcDft_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_MtrParmNrmLrnSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_MtrVelNrmLrnSrlComSvcDft_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_MultIgnSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_PosTrajEnable_Cnt_lgc.value	0	0	V
tgt_CDDInterface_Per4_PullCompLrnSrlComSvcDft_Cnt_lgc.value	0	0	
tgt_CDDInterface_Per4_PullCompSrlComSvcDft_Cnt_lgc.value	0	0	
tgt_CDDInterface_Per4_ReturnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_RxMsgsSrlComSvcDft_Cnt_lgc.value	0	0	- V
tgt_CDDInterface_Per4_RxwsgsSriComSvcDft_Cnt_igc.value tgt_CDDInterface_Per4_SftEndStpSrlComSvcDft_Cnt_igc.value	0	0	~
tgt_CDDInterface_Per4_SrlComSvcDft_Cnt_b32.value	3687	3687	V
tgt_CDDInterface_Per4_ThermalDCSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_TrqRmpSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_WIRMfgEnabled_Cnt_lgc.value	0	0	~

Test Step Call Trace			✓	
Actual Function	Count	Expected Function	Count	Result
none	0	*** No Call Expected ***	0	~



Test Step 2.5 (Repeat Count = 1)			V
Name	Input Value		
CDD BallNutTempEstDisableSvc Cnt G lgc	0		
CDD_DftAsstTbl_Cnt_G_lgc	0		
CDD_DisableCEBusNormComm_Cnt_lgc	1		
CDD_DisableHSBusNormComm_Cnt_lgc	1		
CDD_DwnIdAsstGain_Uls_G_f32	4.48000002		
CDD_EOLNxtrWIRSelect_Cnt_G_u16 CDD_EOLSrIComSvcDft_Cnt_G_b32	4579 5876		
CDD_GenPosTrajEnableFlag_Cnt_G_lgc	1		
CDD_PullCompDisableSvc_Cnt_G_lgc	1		
CDD_PwrAsstModeSvc_Cnt_G_lgc	0		
CDD_SftEndStpDisableSvc_Cnt_G_lgc	1		
CDD_WIRDisableSvc_Cnt_G_lgc	1		
MfgDiagInhibit_UIs_G_lgc	0		
Nvm_CMEC_Cnt_u8	128		
NxtrMEC_UIs_G_enum PrevMtrElecMechPolarity_Cnt_M_s08	0		
Rte Inst Sa CDDInterface	tgt_Rte_Inst_Sa_CDDInterface		
tgt_CDDInterface_Per4_MtrElecMechPolarity_Cnt_s08.value	-1		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_BallNutTempEstSrlComSvcDft_	tgt_CDDInterface_Per4_BallNutTempEstSrlC	omSvcDft_Cnt_lgc	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgrams and the property of the proper$	tgt_CDDInterface_Per4_DampingSrlComSvcl	Dft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DftAsstTbl_Cnt_lgc	tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc		
tgt Rte Inst Sa CDDInterface.CDDInterface Per4 DisableCEBusNormComm Cnt			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DisableHSBusNormComm_Cnt	tgt_CDDInterface_Per4_DisableHSBusNorm0		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_	tgt_CDDInterface_Per4_DrivingDynSrlComSv		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DwnldAsstGain_Uls_f32 tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_	tgt_CDDInterface_Per4_DwnldAsstGain_Uls_ tgt_CDDInterface_Per4_EOTImpactSrlComS		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_EOTThermalSrlComSvcDft_Cn	tgt_CDDInterface_Per4_EOTThermalSrlCom		
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tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_FreqDepDmpSrlComSvcDft_Cr	tgt_CDDInterface_Per4_FreqDepDmpSrlCom		
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$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_HysAddSrlComSvcDft_Cnt_lgc$	tgt_CDDInterface_Per4_HysAddSrlComSvcD	ft_Cnt_lgc	
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Name	Actual Value	Expected Value	Result
tgt_CDDInterface_Per4_LimitSrlComSvcDft_Cnt_lgc.value	0	0	•
tgt_CDDInterface_Per4_MEC_Cnt_enum.value	0	0	~
tgt_CDDInterface_Per4_MfgDiagInhibit_Cnt_lgc.value	0	0	•
tgt_CDDInterface_Per4_ModIdxSrlComSvcDft_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_MtrParmNrmLrnSrlComSvcDft_Cnt_lgc.value	1	1	✓
tgt_CDDInterface_Per4_MtrVelNrmLrnSrlComSvcDft_Cnt_lgc.value	1	1	•
tgt_CDDInterface_Per4_MultIgnSrlComSvcDft_Cnt_lgc.value	0	0	✓
tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_PosTrajEnable_Cnt_lgc.value	1	1	✓
tgt_CDDInterface_Per4_PullCompLrnSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_PullCompSrlComSvcDft_Cnt_lgc.value	1	1	✓
tgt_CDDInterface_Per4_ReturnSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_RxMsgsSrlComSvcDft_Cnt_lgc.value	0	0	✓
tgt_CDDInterface_Per4_SftEndStpSrlComSvcDft_Cnt_lgc.value	1	1	•
tgt_CDDInterface_Per4_SrlComSvcDft_Cnt_b32.value	5876	5876	✓
tgt_CDDInterface_Per4_ThermalDCSrlComSvcDft_Cnt_lgc.value	0	0	•
tgt_CDDInterface_Per4_TrqRmpSrlComSvcDft_Cnt_lgc.value	0	0	✓
tgt_CDDInterface_Per4_WIRMfgEnabled_Cnt_lgc.value	0	0	~

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Sa_CDDInterface_CDDPorts_ApplyMtrElecMechPol	1	Rte_Call_Sa_CDDInterface_CDDPorts_ApplyMtrElecMechPol	1	~

Test Step 2.6 (Repeat Count = 1)	🗸
Name	Input Value
CDD_BallNutTempEstDisableSvc_Cnt_G_lgc	1
CDD_DftAsstTbl_Cnt_G_lgc	1
CDD_DisableCEBusNormComm_Cnt_lgc	0
CDD_DisableHSBusNormComm_Cnt_lgc	0
CDD_DwnldAsstGain_Uls_G_f32	5.36000013
CDD_EOLNxtrWIRSelect_Cnt_G_u16	5876
CDD_EOLSrlComSvcDft_Cnt_G_b32	6574
CDD_GenPosTrajEnableFlag_Cnt_G_lgc	1
CDD_PullCompDisableSvc_Cnt_G_lgc	0
CDD_PwrAsstModeSvc_Cnt_G_lgc	1
CDD_SftEndStpDisableSvc_Cnt_G_lgc	0
CDD_WIRDisableSvc_Cnt_G_lgc	0
MfgDiagInhibit_Uls_G_lgc	1
Nvm_CMEC_Cnt_u8	127
NxtrMEC_Uls_G_enum	1
PrevMtrElecMechPolarity_Cnt_M_s08	-1
Rte_Inst_Sa_CDDInterface	tgt_Rte_Inst_Sa_CDDInterface
tgt_CDDInterface_Per4_MtrElecMechPolarity_Cnt_s08.value	1
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Starter_Sa_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Starter_Sa_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Starter_Sa_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Starter_Sa_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Starter_Sa_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Sa_CDDInterface_Per4_BallNutTempEstSrlComSvcDinterface_Per4_BallNutTempEstSrlComSvcDinterface_Per4_BallNutTempEstSrlComSvcDinterface_Per4_BallNutTempEstSrlComSvcDinterface_Per4_BallNutTempEstSrlComSvcDinterface_Per4_BallNutTempEstSrlComSvcDinterface_Per4_BallNutTempEstSrlComSvcDinterface_Per4_BallNutTempEstSrlComSvcDinterface_Per4_BallNutTempEstSrlComSvcDinterface_Per4_BallNutTempEstSrlComSvcDinterface_Per5$ Dinterface_Per5_BallNutTempEstS	tgt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_lgc
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lg$	tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DftAsstTbl_Cnt_lgc	tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DisableCEBusNormComm_Cnrows and the property of the property $	t tgt_CDDInterface_Per4_DisableCEBusNormComm_Cnt_lgc
tgt Rte Inst Sa CDDInterface.CDDInterface Per4 DisableHSBusNormComm Cn	t tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Results (Supplied From Supplied From S$	tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DwnldAsstGain_Uls_f32	tgt_CDDInterface_Per4_DwnldAsstGain_Uls_f32
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_Results (Section 1) and the properties of the$	tgt_CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_lgc
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_EOTThermalSrlComSvcDft_CndInterface_Per5_EOTThermalSrlComSvcDft_CndInt$	tgt_CDDInterface_Per4_EOTThermalSrlComSvcDft_Cnt_lgc
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc$	tgt_CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_FreqDepDmpSrlComSvcDft_Crresults (Supplementation of the Compact of the Compa$	tgt_CDDInterface_Per4_FreqDepDmpSrlComSvcDft_Cnt_lgc
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_FricLrnSrlComSvcDft_Cnt_lgc$	tgt_CDDInterface_Per4_FricLrnSrlComSvcDft_Cnt_lgc
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_HysAddSrlComSvcDft_Cnt_lgcdiscomset and the complex of the com$	tgt_CDDInterface_Per4_HysAddSrlComSvcDft_Cnt_lgc
tgt Rte Inst Sa CDDInterface.CDDInterface Per4 HystCompSrlComSvcDft Cnt I	tgt_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_lgc
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_KinIntDiagSrlComSvcDft_Cnt_Interface_Per4_KinInterface_Per4_KinIntDiagSrlComSvcDft_Cnt_Interface_Per4_KinIntDiagSrlComSvcDft_Cnt_Interface_Per4_KinIntDiagSrlComSvcDft_Cnt_Interface_Per4_KinIntDiagSrlComSvcDft_Cnt_Interface_Per4_KinInterface_Per4$	tgt_CDDInterface_Per4_KinIntDiagSrlComSvcDft_Cnt_lgc
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_LimitSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_LimitSrlComSvcDft_Cnt_lgc
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MEC_Cnt_enum	tgt_CDDInterface_Per4_MEC_Cnt_enum
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MfgDiagInhibit_Cnt_Igc	tgt_CDDInterface_Per4_MfgDiagInhibit_Cnt_lgc
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ModIdxSrlComSvcDft_Cnt_Igc$	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MtrElecMechPolarity_Cnt_s08$	tgt_CDDInterface_Per4_MtrElecMechPolarity_Cnt_s08
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MtrParmNrmLrnSrlComSvcDft_	1
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MtrVelNrmLrnSrlComSvcDft_Cdisserved and the state of the sta$	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MultlgnSrlComSvcDft_Cnt_lgc$	tgt_CDDInterface_Per4_MultIgnSrlComSvcDft_Cnt_lgc
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgcDinterface_Per4_ParkAstSrlComSvcDft_Dinterface_Per4_ParkAstSrlComSvcDinterface_Per4_ParkAstSrlComSvcDft_Dinterface_Per4_ParkAstSrlComSvcDinterface_Per4_ParkAstSrlCo$	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_PosTrajEnable_Cnt_Igc	tgt_CDDInterface_Per4_PosTrajEnable_Cnt_lgc
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_PullCompLrnSrlComSvcDft_Cn	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_PullCompSrlComSvcDft_Cnt_lo	tgt_CDDInterface_Per4_PullCompSrlComSvcDft_Cnt_lgc





Name	Input Value		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ReturnSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_ReturnSrlComSvcD	ft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_RxMsgsSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_RxMsgsSrlComSvcl	Dft_Cnt_lgc	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_SftEndStpSrlComSvcDft_Cnt_leadingstarted and the state of th$	t_l(tgt_CDDInterface_Per4_SftEndStpSrlComSvcDft_Cnt_lgc		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_SrlComSvcDft_Cnt_b32	tgt_CDDInterface_Per4_SrlComSvcDft_Cnt_	b32	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ThermalDCSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_ThermalDCSrlComSvcDft_Cnt_ThermalDCSrlComSvcDft_Cnt_ThermalDCSrlComSvcDft_Cnt_ThermalDCSrlComSvcDft_Cnt_ThermalDCSrlComSvcDft_Cnt_ThermalDCSrlComSvcDft_Cnt_ThermalDCSrlComSvcDft_Cnt_ThermalDCSrlComSvcDft_Cnt_ThermalDCSrlComSvcDft_Cnt_ThermalDCSrlComSvcDft_Cnt_ThermalDCSrlComSvcDft_Cnt_ThermalDCSrlComSvcDft_Cnt_ThermalDCSrlComSvcDft_Cnt_ThermalDCSrlComSvcDft_Cnt_ThermalDCSrlComSvcDft_Cnt_ThermalDCSrlComSvcDft_Cnt_ThermalDCSrlComSvcDft$	tgt_CDDInterface_Per4_ThermalDCSrlComS	SvcDft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_TrqRmpSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_TrqRmpSrlComSvcl	Dft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_WIRMfgEnabled_Cnt_lgc	tgt_CDDInterface_Per4_WIRMfgEnabled_Cr	nt_lgc	
Name	Actual Value	Expected Value	Result
CDD_ModIdxSrlComSvcDft_Cnt_G_u16	0	0	~
PrevMtrElecMechPolarity_Cnt_M_s08	1	1	~
tgt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_DisableCEBusNormComm_Cnt_lgc.value	0	0	•
tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc.value	0	0	•
tgt_CDDInterface_Per4_DwnldAsstGain_Uls_f32.value	5.36000013	5.36000013 ± 0.000009	~
tgt_CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_lgc.value	0	0	•
tgt_CDDInterface_Per4_EOTThermalSrlComSvcDft_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc.value	1	1	✓
tgt_CDDInterface_Per4_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_FricLrnSrlComSvcDft_Cnt_lgc.value	0	0	✓
tgt_CDDInterface_Per4_HysAddSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_lgc.value	0	0	•
tgt_CDDInterface_Per4_KinIntDiagSrlComSvcDft_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_LimitSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_MEC_Cnt_enum.value	1	1	~
tgt_CDDInterface_Per4_MfgDiagInhibit_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_ModIdxSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_MtrParmNrmLrnSrlComSvcDft_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_MtrVelNrmLrnSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_MultIgnSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_PosTrajEnable_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_PullCompLrnSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_PullCompSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_ReturnSrlComSvcDft_Cnt_lgc.value	0	0	~
$tgt_CDDInterface_Per4_RxMsgsSrlComSvcDft_Cnt_lgc.value$	0	0	~
tgt_CDDInterface_Per4_SftEndStpSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_SrlComSvcDft_Cnt_b32.value	6574	6574	~
tgt_CDDInterface_Per4_ThermalDCSrlComSvcDft_Cnt_lgc.value	1	1	~
$tgt_CDDInterface_Per4_TrqRmpSrlComSvcDft_Cnt_lgc.value$	1	1	~
tgt_CDDInterface_Per4_WIRMfgEnabled_Cnt_lgc.value	0	0	

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Sa_CDDInterface_CDDPorts_ApplyMtrElecMechPol	1	Rte_Call_Sa_CDDInterface_CDDPorts_ApplyMtrElecMechPol	1	~

Test Step 2.7 (Repeat Count = 1)	✓
Name	Input Value
CDD_BallNutTempEstDisableSvc_Cnt_G_lgc	1
CDD_DftAsstTbl_Cnt_G_lgc	1
CDD_DisableCEBusNormComm_Cnt_lgc	0
CDD_DisableHSBusNormComm_Cnt_lgc	0
CDD_DwnldAsstGain_Uls_G_f32	7.48000002
CDD_EOLNxtrWIRSelect_Cnt_G_u16	0
CDD_EOLSrlComSvcDft_Cnt_G_b32	6869
CDD_GenPosTrajEnableFlag_Cnt_G_lgc	1
CDD_PullCompDisableSvc_Cnt_G_lgc	0
CDD_PwrAsstModeSvc_Cnt_G_lgc	1
CDD_SftEndStpDisableSvc_Cnt_G_lgc	0
CDD_WIRDisableSvc_Cnt_G_lgc	0
MfgDiagInhibit_Uls_G_lgc	1
Nvm_CMEC_Cnt_u8	123
NxtrMEC_UIs_G_enum	1
PrevMtrElecMechPolarity_Cnt_M_s08	1
Rte_Inst_Sa_CDDInterface	tgt_Rte_Inst_Sa_CDDInterface
tgt_CDDInterface_Per4_MtrElecMechPolarity_Cnt_s08.value	-1
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_BallNutTempEstSrlComSvcDft_	tgt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_lgc
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgenerations and the last of the last o$	tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc





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The Residence of Commission Collinations (Past Decidence Past Deci	Name	Input Value		
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19_2 Re. Pere Sp. COTIOnenface Cottonenface Pere Development Pere Pere Develo				
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18				
18. Pine. Jun. 5. (Coltimetace Coltimetace Per La Freshold Profession Service Control (1) 19. 19	tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_	tgt_CDDInterface_Per4_EOTImpactSrlComS	vcDft_Cnt_lgc	
18. Pile Jul S. CODInterlace Commissions - Per A Prophenomysis Construction 19.	tgt Rte Inst Sa CDDInterface.CDDInterface Per4 EOTThermalSrlComSvcDft Cn	tgt_CDDInterface_Per4_EOTThermalSrlCom	SvcDft_Cnt_lgc	
Sign Reg 18, Se CDitierates Develored Perf Prisida STICONSCHOL (C) 19 19 19 19 19 19 19 1	$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc$	tgt_CDDInterface_Per4_EngONSrlComSvcD	ft_Cnt_lgc	
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Section Sect	$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MtrElecMechPolarity_Cnt_s08$	tgt_CDDInterface_Per4_MtrElecMechPolarity	_Cnt_s08	
Section Sect	tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MtrParmNrmLrnSrlComSvcDft_	tgt_CDDInterface_Per4_MtrParmNrmLrnSrlC	omSvcDft_Cnt_lgc	
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Name				
CDD_ModidxSriComSvcDft_Cnt_G_u16				
PrevMtrElecMechPolarity_Cnt_M_s08	Name	Actual value	Expected value	Result
tgl_CDDInterface_Per4_BallNutTempEstSriComSvcDft_Cnt_Igc.value 1 tgl_CDDInterface_Per4_DhAstTbl_Cnt_Igc.value 0 tgl_CDDInterface_Per4_DhAstTbl_Cnt_Igc.value 1 tgl_CDDInterface_Per4_DisableCEBusNormComm_Cnt_Igc.value 0 tgl_CDDInterface_Per4_DisableHSBusNormComm_Cnt_Igc.value 0 tgl_CDDInterface_Per4_DivindAssGain_Uls_f32.value 0 tgl_CDDInterface_Per4_DivindAssGain_Uls_f32.value 7.48000002 tgl_CDDInterface_Per4_EDVANIDAssGain_Uls_f32.value 1 tgl_CDDInterface_Per4_EOTTImpactSrtComSvcDft_Cnt_Igc.value 1 tgl_CDDInterface_Per4_EndONSrtComSvcDft_Cnt_Igc.value 0 tgl_CDDInterface_Per4_FreqDepDmpSrtComSvcDft_Cnt_Igc.value 1 tgl_CDDInterface_Per4_HysAddSrtComSvcDft_Cnt_Igc.value 0 tgl_CDDInterface_Per4_HysAddSrtComSvcDft_Cnt_Igc.value 0 tgl_CDDInterface_Per4_HysAddSrtComSvcDft_Cnt_Igc.value 0 tgl_CDDInterface_Per4_HysAddSrtComSvcDft_Cnt_Igc.value 0 tgl_CDDInterface_Per4_MintDlagsRtcomSvcDft_Cnt_Igc.value 1 tgl_CDDInterface_Per4_MintDlagsRtcomSvcDft_Cnt_Igc.value 1 tgl_CDDInterface_Per4_MintDlagsRtcomSvcDft_Cnt_Igc.value 1 tgl_CDDInterface_Per4_MintDlagsRtcomSvcDft_				
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tgt_CDDInterface_Per4_DisableCEBusNormComm_Cnt_lgc.value 0 0 tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc.value 0 0 tgt_CDDInterface_Per4_DivintegDynSfComSvcDtf_Cnt_lgc.value 0 0 tgt_CDDInterface_Per4_DvintefAsstGain_Uls_f32_value 7.48000002 7.48000002 ± 0.000009 tgt_CDDInterface_Per4_EDTThermalSriComSvcDtf_Cnt_lgc.value 1 1 tgt_CDDInterface_Per4_EOTThermalSriComSvcDtf_Cnt_lgc.value 0 0 tgt_CDDInterface_Per4_FreqDepDmpSriComSvcDtf_Cnt_lgc.value 1 1 tgt_CDDInterface_Per4_FreqDepDmpSriComSvcDtf_Cnt_lgc.value 0 0 tgt_CDDInterface_Per4_FreqDepDmpSriComSvcDtf_Cnt_lgc.value 0 0 tgt_CDDInterface_Per4_HysAddSriComSvcDtf_Cnt_lgc.value 0 0 tgt_CDDInterface_Per4_HysAddSriComSvcDtf_Cnt_lgc.value 0 0 tgt_CDDInterface_Per4_HysCompSriComSvcDtf_Cnt_lgc.value 1 1 tgt_CDDInterface_Per4_HysCompSriComSvcDtf_Cnt_lgc.value 1 1 tgt_CDDInterface_Per4_MEC_Cnt_enum value 1 1 tgt_CDDInterface_Per4_MgDiaginhibit_Cnt_lgc.value 1 1 tgt_CDDInterface_Per4_MtrQ-Int_lgc.value	PrevMtrElecMechPolarity_Cnt_M_s08 tgt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_lgc.value	-1 1	-1 1	~
tgt_CDDInterface_Per4_DrivingDynSriComSvcDft_Cnt_Igc.value	PrevMtrElecMechPolarity_Cnt_M_s08 tgt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc.value	-1 1 0	-1 1 0	
Igt_CDDInterface_Per4_DrivingDynSrIComSvcDft_Cnt_Igc.value 7.48000002 7.48000002 ± 0.000009 Igt_CDDInterface_Per4_DwnIdAssIGain_Uls_f32_value 7.48000002 7.48000002 ± 0.000009 Igt_CDDInterface_Per4_EOTImpactSrIComSvcDft_Cnt_Igc.value 1 1 Igt_CDDInterface_Per4_EOTIMpactSrIComSvcDft_Cnt_Igc.value 0 0 Igt_CDDInterface_Per4_EngONSrIComSvcDft_Cnt_Igc.value 1 1 Igt_CDDInterface_Per4_FreqDepDmpSrIComSvcDft_Cnt_Igc.value 0 0 Igt_CDDInterface_Per4_Frick_DrivInterface_Per4_HysAddSrIComSvcDft_Cnt_Igc.value 0 0 Igt_CDDInterface_Per4_HysAddSrIComSvcDft_Cnt_Igc.value 0 0 Igt_CDDInterface_Per4_HysCompSrIComSvcDft_Cnt_Igc.value 0 0 Igt_CDDInterface_Per4_HysCompSrIComSvcDft_Cnt_Igc.value 0 0 Igt_CDDInterface_Per4_Minterface_Per4_Minterface_Per4_Minterface_Per4_Minterface_Per4_Minterface_Per4_Minterface_Per4_Minterface_Per4_Minterface_Per4_Minterface_Per4_Minterface_Per4_Minterface_Per4_Minterface_Per4_Minterface_Per4_Minterface_Per4_Minterface_Per4_Minterface_Per4_Pinterface	PrevMtrElecMechPolarity_Cnt_M_s08 tgt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc.value	-1 1 0 1	-1 1 0 1	\rightarrow \right
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tgt_CDDInterface Per4_FricLmSrlComSvcDft_Cnt_lgc.value 0 tgt_CDDInterface_Per4_HystComSvcDft_Cnt_lgc.value 0 tgt_CDDInterface_Per4_HystComSvcDft_Cnt_lgc.value 0 tgt_CDDInterface_Per4_LimitSrlComSvcDft_Cnt_lgc.value 1 tgt_CDDInterface_Per4_LimitSrlComSvcDft_Cnt_lgc.value 1 tgt_CDDInterface_Per4_LimitSrlComSvcDft_Cnt_lgc.value 0 tgt_CDDInterface_Per4_MEC_Cnt_enum.value 1 tgt_CDDInterface_Per4_MfgDiagInhibit_Cnt_lgc.value 1 tgt_CDDInterface_Per4_MfgDiagInhibit_Cnt_lgc.value 1 tgt_CDDInterface_Per4_ModidxSrlComSvcDft_Cnt_lgc.value 1 tgt_CDDInterface_Per4_ModidxSrlComSvcDft_Cnt_lgc.value 1 tgt_CDDInterface_Per4_MultignSrlComSvcDft_Cnt_lgc.value 1 tgt_CDDInterface_Per4_MultignSrlComSvcDft_Cnt_lgc.value 0 tgt_CDDInterface_Per4_MultignSrlComSvcDft_Cnt_lgc.value 1 tgt_CDDInterface_Per4_PostrajEnable_Cnt_lgc.value 1 tgt_CDDInterface_Per4_PullCompLmSrlComSvcDft_Cnt_lgc.value 0 tgt_CDDInterface_Per4_ReturnSrlComSvcDft_Cnt_lgc.value 0 tgt_CDDInterface_Per4_Str.dStpSrlComSvcDft_Cnt_lgc.value 0 tgt_CDDInterface_Per4_Str.dStpSrlComSvcDft_Cnt_lgc.value	PrevMtrElecMechPolarity_Cnt_M_s08 tgt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc.value tgt_CDDInterface_Per4_DisableCEBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DwnldAsstGain_Uls_f32.value tgt_CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_lgc.value	-1 1 0 1 0 0 0 0 7.48000002	-1 1 0 1 0 1 0 0 7.48000002 ± 0.000009	· · · · · · · · · · · · · · · · · · ·
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tgt_CDDInterface_Per4_ThermalDCSrlComSvcDft_Cnt_lgc.value 0 0 0 vtgt_CDDInterface_Per4_TrqRmpSrlComSvcDft_Cnt_lgc.value 0 0 0 vtgt_CDDInterface_Per4_TrqRmpSrlComSvcDft_Cnt_lgc.value 0 0	PrevMtrElecMechPolarity_Cnt_M_s08 tgt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc.value tgt_CDDInterface_Per4_DisableCEBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTThermalSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_FricLrnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HysCompSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HysCompSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HintDiagSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_LimitSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MigDiagInhibit_Cnt_lgc.value tgt_CDDInterface_Per4_ModldxSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ModldxSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MittParmNrmLrmSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MittlgnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MittlgnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MittlgnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc.value	-1 1 0 1 0 7.48000002 1 0 1 0 0 0 0 1 1 0 0 1 1 1 1 1 1	-1 1 0 1 0 0 1 0 0 7.48000002 ± 0.000009 1 0 1 0 0 1 0 1 1 1 1 1 1 1 1 0 1 1 0 0 1 1 0 0 1 0	· · · · · · · · · · · · · · · · · · ·
tgt_CDDInterface_Per4_TrqRmpSrlComSvcDft_Cnt_lgc.value 0	PrevMtrElecMechPolarity_Cnt_M_s08 tgt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc.value tgt_CDDInterface_Per4_DisableCEBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTThermalSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ErgQDepDmpSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_FricLrnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HintDiagSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_LimitSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MigDiagInhibit_Cnt_lgc.value tgt_CDDInterface_Per4_ModldxSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ModldxSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MittParmNrmLrmSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MittlgnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MittlgnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ReturnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ReturnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ReturnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_StEndStpSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_StEndStpSrlComSvcDft_Cnt_lgc.value	-1 1 0 1 0 7.48000002 1 0 1 0 0 0 0 1 1 0 0 1 1 1 1 1 1	-1 1 0 1 0 0 1 0 0 7.48000002 ± 0.000009 1 0 1 0 0 1 0 1 1 1 1 1 1 1 1 1 0 0 1 1 0	· · · · · · · · · · · · · · · · · · ·
	PrevMtrElecMechPolarity_Cnt_M_s08 tgt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc.value tgt_CDDInterface_Per4_DisableCEBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DisableCEBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DownldAsstGain_Uls_f32.value tgt_CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTThermalSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_FricLmSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HysAddSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HysCompSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_KinIntDiagSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_LimitSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MfgDiagInhibit_Cnt_lgc.value tgt_CDDInterface_Per4_MfgDiagInhibit_Cnt_lgc.value tgt_CDDInterface_Per4_MtrParmNrmLrnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MtrParmNrmLrnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MittpAsrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MittlgnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ReturnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ReturnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ReturnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_P	-1 1 0 1 0 7.48000002 1 0 1 0 0 0 0 1 1 0 0 1 1 1 1 1 1	-1 1 0 1 0 0 1 0 0 7.48000002 ± 0.000009 1 0 1 0 0 1 0 0 1 1 1 1 1 1 1 1 1	· · · · · · · · · · · · · · · · · · ·
tgt_CDDInterface_Per4_WIRMfgEnabled_Cnt_lgc.value 0	PrevMtrElecMechPolarity_Cnt_M_s08 tgt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc.value tgt_CDDInterface_Per4_DisableCEBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DivingDynSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DownldAsstGain_Uls_f32.value tgt_CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTThermalSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTThermalSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_FricLmSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_FricLmSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HysAddSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HinitDiagSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MEC_Cnt_enum.value tgt_CDDInterface_Per4_MfgDiagInhibit_Cnt_lgc.value tgt_CDDInterface_Per4_MfgDiagInhibit_Cnt_lgc.value tgt_CDDInterface_Per4_MtrParmNrmLrnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MtrParmNrmLrnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MtrParmNrmLrnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MittlgnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ReturnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ReturnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_SftEndStpSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface	-1 1 0 1 0 0 1 0 0 7.48000002 1 0 0 1 0 0 1 1 1 1 1 1 1 1 1 1 0	-1 1 0 1 0 0 1 0 0 0 7.48000002 ± 0.000009 1 0 0 1 0 0 1 1 1 1 1 1 1 1 1 1 1	· · · · · · · · · · · · · · · · · · ·
	PrevMtrElecMechPolarity_Cnt_M_s08 tgt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc.value tgt_CDDInterface_Per4_DisableCBBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DivingDynSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DwnldAsstGain_Uls_f32.value tgt_CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTThermalSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTThermalSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_FricLmSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HysAddSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HysAddSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_LimitSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MEC_Cnt_enum.value tgt_CDDInterface_Per4_MfgDiagInhibit_Cnt_lgc.value tgt_CDDInterface_Per4_MfgDiagInhibit_Cnt_lgc.value tgt_CDDInterface_Per4_MtrParmNrmLrnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MtrParmNrmLrnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MtrParmNrmLrnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MittlgInsrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_PallCompLrnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_PallCompLrnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_PallCompLrnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_PallCompLrnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_PallComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_SftEndStpSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ThermalDCSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ThermalDCSrlComSvcDft_Cnt_lgc.value	-1 1 0 1 0 0 1 0 0 0 7.48000002 1 0 0 1 0 0 1 1 1 1 1 1 1 1 1 1 0	-1 1 0 1 0 0 1 0 0 0 7.48000002 ± 0.000009 1 0 0 1 0 0 1 1 1 1 1 1 1 1 1 1 1	· · · · · · · · · · · · · · · · · · ·

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Sa_CDDInterface_CDDPorts_ApplyMtrElecMechPol	1	Rte_Call_Sa_CDDInterface_CDDPorts_ApplyMtrElecMechPol	1	~



Test Step 2.8 (Repeat Count = 1)			•
Name	Input Value		
CDD_BallNutTempEstDisableSvc_Cnt_G_lgc	0		
CDD_DftAsstTbl_Cnt_G_lgc	0		
CDD_DisableCEBusNormComm_Cnt_lgc	1		
CDD_DisableHSBusNormComm_Cnt_lgc	1		
CDD_DwnldAsstGain_Uls_G_f32	8.85999966		
CDD_EOLNxtrWIRSelect_Cnt_G_u16	65535		
CDD_EOLSrlComSvcDft_Cnt_G_b32	4587		
CDD_GenPosTrajEnableFlag_Cnt_G_lgc CDD PullCompDisableSvc Cnt G lgc	0		
CDD PwrAsstModeSvc Cnt G Igc	0		
CDD SftEndStpDisableSvc Cnt G lgc	1		
CDD_WIRDisableSvc_Cnt_G_lgc	1		
MfgDiagInhibit_Uls_G_lgc	0		
Nvm_CMEC_Cnt_u8	0		
NxtrMEC_UIs_G_enum	0		
PrevMtrElecMechPolarity_Cnt_M_s08	0		
Rte_Inst_Sa_CDDInterface	tgt_Rte_Inst_Sa_CDDInterface		
tgt_CDDInterface_Per4_MtrElecMechPolarity_Cnt_s08.value	1		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_BallNutTempEstSrlComSvcDft_	tgt_CDDInterface_Per4_BallNutTempEstSrlC	ComSvcDft_Cnt_lgc	
tgt Rte Inst Sa CDDInterface.CDDInterface Per4 DampingSrlComSvcDft Cnt Igo			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DftAsstTbl_Cnt_lgc	tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc		
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DisableCEBusNormComm_CntDInterface_Pe$	tgt_CDDInterface_Per4_DisableCEBusNorm	Comm_Cnt_lgc	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DisableHSBusNormComm_CntDInterface_Pe$	tgt_CDDInterface_Per4_DisableHSBusNorm	Comm_Cnt_lgc	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_DrivingDynSrlComSvcDinterface_Per4_DrivingDynSr$	tgt_CDDInterface_Per4_DrivingDynSrlComS	vcDft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DwnldAsstGain_Uls_f32	tgt_CDDInterface_Per4_DwnldAsstGain_Uls	_f32	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_Cnt_Cnt_Cnt_Cnt_Cnt_Cnt_Cnt_Cnt_Cn$	tgt_CDDInterface_Per4_EOTImpactSrlComS	SvcDft_Cnt_lgc	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_EOTThermalSrlComSvcDft_Cnrackets and the state of the state $	tgt_CDDInterface_Per4_EOTThermalSrlCom	SvcDft_Cnt_lgc	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc$	tgt_CDDInterface_Per4_EngONSrlComSvcD	ft_Cnt_lgc	
tgt Rte Inst Sa CDDInterface.CDDInterface Per4 FreqDepDmpSrlComSvcDft Cr			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_FricLrnSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_FricLrnSrlComSvcD		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_HysAddSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_HysAddSrlComSvcE		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_I			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_KinIntDiagSrlComSvcDft_Cnt_I			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_LimitSrlComSvcDft_Cnt_lgc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MEC_Cnt_enum	tgt_CDDInterface_Per4_LimitSrlComSvcDft_	CIIL_igc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MfgDiagInhibit_Cnt_Igc	tgt_CDDInterface_Per4_MEC_Cnt_enum tgt_CDDInterface_Per4_MfgDiagInhibit_Cnt_	lac	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ModidxSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_ModIdxSrlComSvcD		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MtrElecMechPolarity_Cnt_s08	tgt_CDDInterface_Per4_MtrElecMechPolarity		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MtrParmNrmLrnSrlComSvcDft_	tgt_CDDInterface_Per4_MtrParmNrmLrnSrlC		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MtrVelNrmLrnSrlComSvcDft_C			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MultIgnSrlComSvcDft_Cnt_Igc	tgt_CDDInterface_Per4_MultIgnSrlComSvcD		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_ParkAstSrlComSvcI	Oft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_PosTrajEnable_Cnt_Igc	tgt_CDDInterface_Per4_PosTrajEnable_Cnt_	_lgc	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_PullCompLrnSrlComSvcDft_Cn$	tgt_CDDInterface_Per4_PullCompLrnSrlCom	nSvcDft_Cnt_lgc	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_PullCompSrlComSvcDft_Cnt_lg$	tgt_CDDInterface_Per4_PullCompSrlComSv	cDft_Cnt_lgc	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ReturnSrlComSvcDft_Cnt_lgc$	tgt_CDDInterface_Per4_ReturnSrlComSvcDf	ft_Cnt_lgc	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_RxMsgsSrlComSvcDft_Cnt_lgc$	tgt_CDDInterface_Per4_RxMsgsSrlComSvcI	Oft_Cnt_lgc	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_SftEndStpSrlComSvcDft_Cnt_l(a) = (CDDInterface_Per4_SftEndStpSrlComSvcDft_Cnt_l(a)) = (CD$	tgt_CDDInterface_Per4_SftEndStpSrlComSv	/cDft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_SrlComSvcDft_Cnt_b32	tgt_CDDInterface_Per4_SrlComSvcDft_Cnt_		
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ThermalDCSrlComSvcDft_Cnt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ThermalDCSrlComSvcDft_Cnt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ThermalDCSrlComSvcDft_Cnt_Rte_Inst_Sa_CDDInterface_Per4_ThermalDCSrlComSvcDft_ThermalDCSrlComSvcDft_ThermalDCSrlComSvcDft_ThermalDCSrlComSvcDft_ThermalDCSrlComSvcDft_ThermalDCSrlComSvcDft_ThermalDCSrlComSvcDft_ThermalDCSrlComSvcDft_ThermalDCSrlComSvcDft_ThermalDCSrlComSvcDft_ThermalDCSrlComSvcDft_ThermalDCSrlComSvcDft_ThermalDCSrlComSvcDft_ThermalDCSrlComSvcDft_ThermalDCSrlComSvcDft_ThermalDCSrlComSvcDft_ThermalDCSrlComSvcDft_ThermalDCSrlComSvcDft_Thermal$			
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_TrqRmpSrlComSvcDft_Cnt_lgc$	tgt_CDDInterface_Per4_TrqRmpSrlComSvcI		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_WIRMfgEnabled_Cnt_lgc	tgt_CDDInterface_Per4_WIRMfgEnabled_Cr	I amount of the second of the	
Name	Actual Value	Expected Value	Resul
CDD_ModldxSrlComSvcDft_Cnt_G_u16	0	0	,
PrevMtrElecMechPolarity_Cnt_M_s08	1	1	•
tgt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_lgc.value	0	0	•
tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc.value	0	0	•
tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc.value	0	0	,
tgt_CDDInterface_Per4_DisableCEBusNormComm_Cnt_lgc.value	1	1	
tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc.value	0	0	•
tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc.value		8.85999966 ± 0.000009	· · · · · · · · · · · · · · · · · · ·
tgt_CDDInterface_Per4_DwnldAsstGain_Uls_f32.value	8.85999966	0	
tgt_CDDInterface_Per4_DwnldAsstGain_Uls_f32.value tgt_CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_lgc.value	0	0	
tgt_CDDInterface_Per4_DwnldAsstGain_Uls_f32.value tgt_CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTThermalSrlComSvcDft_Cnt_lgc.value	0	1	•
tgt_CDDInterface_Per4_DwnldAsstGain_Uls_f32.value tgt_CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTThermalSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc.value	0 1 1	1	
tgt_CDDInterface_Per4_DwnldAsstGain_Uls_f32.value tgt_CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTThermalSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	0	1 1 1	•
tgt_CDDInterface_Per4_DwnldAsstGain_Uls_f32.value tgt_CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTThermalSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc.value	0 1 1 1	1	•

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Name	Actual Value	Expected Value	Result
tgt_CDDInterface_Per4_KinIntDiagSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_LimitSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_MEC_Cnt_enum.value	0	0	~
tgt_CDDInterface_Per4_MfgDiagInhibit_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_ModIdxSrlComSvcDft_Cnt_lgc.value	0	0	•
tgt_CDDInterface_Per4_MtrParmNrmLrnSrlComSvcDft_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_MtrVelNrmLrnSrlComSvcDft_Cnt_lgc.value	1	1	•
tgt_CDDInterface_Per4_MultIgnSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_PosTrajEnable_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_PullCompLrnSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_PullCompSrlComSvcDft_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_ReturnSrlComSvcDft_Cnt_lgc.value	0	0	•
tgt_CDDInterface_Per4_RxMsgsSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_SftEndStpSrlComSvcDft_Cnt_lgc.value	1	1	•
tgt_CDDInterface_Per4_SrlComSvcDft_Cnt_b32.value	4587	4587	~
tgt_CDDInterface_Per4_ThermalDCSrlComSvcDft_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_TrqRmpSrlComSvcDft_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_WIRMfgEnabled_Cnt_lgc.value	0	0	~

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Sa_CDDInterface_CDDPorts_ApplyMtrElecMechPol	1	Rte_Call_Sa_CDDInterface_CDDPorts_ApplyMtrElecMechPol	1	~

Test Step 2.9 (Repeat Count = 1)	✓
Name	Input Value
CDD_BallNutTempEstDisableSvc_Cnt_G_lgc	1
CDD_DftAsstTbl_Cnt_G_lgc	1
CDD DisableCEBusNormComm Cnt lgc	0
CDD DisableHSBusNormComm Cnt Igc	0
CDD DwnldAsstGain Uls G f32	9.77999973
CDD_EOLNxtrWIRSelect_Cnt_G_u16	15428
CDD_EOLSrlComSvcDft_Cnt_G_b32	3658
CDD GenPosTrajEnableFlag Cnt G lgc	1
CDD_PullCompDisableSvc_Cnt_G_lgc	0
CDD PwrAsstModeSvc Cnt G lgc	1
CDD SftEndStpDisableSvc Cnt G lgc	0
CDD WIRDisableSvc Cnt G lgc	0
MfgDiagInhibit UIs G Igc	1
Nvm CMEC Cnt u8	154
NxtrMEC UIs G enum	2
PrevMtrElecMechPolarity Cnt M s08	-1
Rte_Inst_Sa_CDDInterface	tgt_Rte_Inst_Sa_CDDInterface
tgt CDDInterface Per4 MtrElecMechPolarity Cnt s08.value	-1
tgt Rte Inst Sa CDDInterface.CDDInterface Per4 BallNutTempEstSrlComSvcDft	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgr	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DftAsstTbl_Cnt_lgc	tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc
tgt Rte Inst Sa CDDInterface.CDDInterface Per4 DisableCEBusNormComm Cnt	
tgt Rte Inst Sa CDDInterface.CDDInterface Per4 DisableHSBusNormComm Cnt	
tgt Rte Inst Sa CDDInterface.CDDInterface Per4 DrivingDynSrlComSvcDft Cnt	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DwnldAsstGain_Uls_f32	tgt_CDDInterface_Per4_DwnldAsstGain_UIs_f32
tgt Rte Inst Sa CDDInterface.CDDInterface Per4 EOTImpactSrlComSvcDft Cnt	
tgt Rte Inst Sa CDDInterface.CDDInterface Per4 EOTThermalSrlComSvcDft Cn	
tgt Rte Inst Sa CDDInterface.CDDInterface Per4 EngONSrlComSvcDft Cnt Igc	tgt CDDInterface Per4 EngONSrlComSvcDft Cnt lgc
tgt Rte Inst Sa CDDInterface.CDDInterface Per4 FreqDepDmpSrlComSvcDft Cr	
tgt Rte Inst Sa CDDInterface.CDDInterface Per4 FricLrnSrlComSvcDft Cnt Igc	tgt CDDInterface Per4 FricLrnSrlComSvcDft Cnt Igc
tgt Rte Inst Sa CDDInterface.CDDInterface Per4 HysAddSrlComSvcDft Cnt Igc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_I	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_KinIntDiagSrlComSvcDft_Cnt_I	
tgt Rte Inst Sa CDDInterface.CDDInterface Per4 LimitSrlComSvcDft Cnt Igc	tgt CDDInterface Per4 LimitSrlComSvcDft Cnt lgc
tgt Rte Inst Sa CDDInterface.CDDInterface Per4 MEC Cnt enum	tgt CDDInterface Per4 MEC Cnt enum
tgt Rte Inst Sa CDDInterface.CDDInterface Per4 MfgDiagInhibit Cnt Igc	tgt CDDInterface Per4 MfgDiagInhibit Cnt Igc
tgt Rte Inst Sa CDDInterface.CDDInterface Per4 ModidxSrlComSvcDft Cnt Igc	tgt CDDInterface Per4 ModidxSrlComSvcDft Cnt lgc
tgt Rte Inst Sa CDDInterface.CDDInterface Per4 MtrElecMechPolarity Cnt s08	tgt CDDInterface Per4 MtrElecMechPolarity Cnt s08
tgt Rte Inst Sa CDDInterface.CDDInterface Per4 MtrParmNrmLrnSrlComSvcDft	1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -
tgt Rte Inst Sa CDDInterface.CDDInterface Per4 MtrVelNrmLrnSrlComSvcDft C	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MultignSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_MultignSrlComSvcDft_Cnt_lgc
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc	
tgt_Rte_inst_sa_CDDInterface.CDDInterface_Per4_PosTrajEnable_Cnt_lgc	tgt_CDDInterface_Per4_PosTrajEnable_Cnt_lgc
tgt_Rte_inst_sa_CDDInterface.CDDInterface_Per4_PullCompLrnSrlComSvcDft_Cn	
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Name	Input Value		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_PullCompSrlComSvcDft_Cnt_lg	tgt_CDDInterface_Per4_PullCompSrlComSv	cDft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ReturnSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_ReturnSrlComSvcDf	t_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_RxMsgsSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_RxMsgsSrlComSvcI	Oft_Cnt_lgc	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_SftEndStpSrlComSvcDft_Cnt_l(a) = (a) - (b) - (b$	tgt_CDDInterface_Per4_SftEndStpSrlComSv	cDft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_SrlComSvcDft_Cnt_b32	tgt_CDDInterface_Per4_SrlComSvcDft_Cnt_	b32	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ThermalDCSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_ThermalDCSrlComSvcDft$	tgt_CDDInterface_Per4_ThermalDCSrlComS	vcDft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_TrqRmpSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_TrqRmpSrlComSvcI	Oft_Cnt_lgc	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_WIRMfgEnabled_Cnt_lgc$	tgt_CDDInterface_Per4_WIRMfgEnabled_Cn	t_lgc	
Name	Actual Value	Expected Value	Result
CDD_ModIdxSrlComSvcDft_Cnt_G_u16	1	1	~
PrevMtrElecMechPolarity_Cnt_M_s08	-1	-1	~
tgt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_DisableCEBusNormComm_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc.value	0	0	•
tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_DwnldAsstGain_Uls_f32.value	9.77999973	9.77999973 ± 0.000009	•
tgt_CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_EOTThermalSrlComSvcDft_Cnt_lgc.value	0	0	•
tgt_CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	1	1	•
tgt_CDDInterface_Per4_FricLrnSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_HysAddSrlComSvcDft_Cnt_lgc.value	0	0	•
tgt_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_KinIntDiagSrlComSvcDft_Cnt_lgc.value	0	0	•
tgt_CDDInterface_Per4_LimitSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_MEC_Cnt_enum.value	2	2	~
tgt_CDDInterface_Per4_MfgDiagInhibit_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_ModIdxSrlComSvcDft_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_MtrParmNrmLrnSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_MtrVelNrmLrnSrlComSvcDft_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_MultIgnSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_PosTrajEnable_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_PullCompLrnSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_PullCompSrlComSvcDft_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_ReturnSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_RxMsgsSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_SftEndStpSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_SrlComSvcDft_Cnt_b32.value	3658	3658	~
tgt_CDDInterface_Per4_ThermalDCSrlComSvcDft_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_TrqRmpSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_WIRMfgEnabled_Cnt_lgc.value	0	0	~

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
none	0	*** No Call Expected ***	0	_

Test Step 2.10 (Repeat Count = 1)	✓
Name	Input Value
CDD_BallNutTempEstDisableSvc_Cnt_G_lgc	0
CDD_DftAsstTbl_Cnt_G_lgc	0
CDD_DisableCEBusNormComm_Cnt_lgc	1
CDD_DisableHSBusNormComm_Cnt_lgc	1.
CDD_DwnldAsstGain_Uls_G_f32	1.25
CDD_EOLNxtrWIRSelect_Cnt_G_u16	7897
CDD_EOLSrlComSvcDft_Cnt_G_b32	7895
CDD_GenPosTrajEnableFlag_Cnt_G_lgc	0
CDD_PullCompDisableSvc_Cnt_G_lgc	1
CDD_PwrAsstModeSvc_Cnt_G_lgc	0
CDD_SftEndStpDisableSvc_Cnt_G_lgc	1
CDD_WIRDisableSvc_Cnt_G_lgc	0
MfgDiagInhibit_Uls_G_lgc	0
Nvm_CMEC_Cnt_u8	127
NxtrMEC_UIs_G_enum	1
PrevMtrElecMechPolarity_Cnt_M_s08	1
Rte_Inst_Sa_CDDInterface	tgt_Rte_Inst_Sa_CDDInterface
tgt_CDDInterface_Per4_MtrElecMechPolarity_Cnt_s08.value	1
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Signature and the property of the $	tgt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_lgc

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Name	Input Value		
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgargerselbergerbit der generation bei der gegenstelle generation betreet generation bet$	tgt_CDDInterface_Per4_DampingSrlComSvc	Dft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DftAsstTbl_Cnt_lgc	tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DisableCEBusNormComm_Cnt	tgt_CDDInterface_Per4_DisableCEBusNorm	Comm_Cnt_lgc	
tgt Rte Inst Sa CDDInterface.CDDInterface Per4 DisableHSBusNormComm Cnt	tgt_CDDInterface_Per4_DisableHSBusNorm	Comm Cnt Igc	
tgt Rte Inst Sa CDDInterface.CDDInterface Per4 DrivingDynSrlComSvcDft Cnt			
tgt Rte Inst Sa CDDInterface.CDDInterface Per4 DwnldAsstGain Uls f32	tgt CDDInterface Per4 DwnldAsstGain Uls		
tgt Rte Inst Sa CDDInterface.CDDInterface Per4 EOTImpactSrlComSvcDft Cnt	tgt_CDDInterface_Per4_EOTImpactSrlComS		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_EOTThermalSrlComSvcDft_Cn	tgt_CDDInterface_Per4_EOTThermalSrlCom		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_EngONSrlComSvcD		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_FreqDepDmpSrlComSvcDft_Cr	tgt_CDDInterface_Per4_FreqDepDmpSrlCon		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_FricLrnSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_FricLrnSrlComSvcDf	ft_Cnt_lgc	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_HysAddSrlComSvcDft_Cnt_lgc$	tgt_CDDInterface_Per4_HysAddSrlComSvcD	Oft_Cnt_lgc	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_Inst_Sa_CDDInterface.CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_Inst_Sa_CDDInterface.CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_Inst_Sa_CDDInterface.CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_Inst_Sa_CDDInterface.CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_Inst_Sa_CDDInterface.CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_Inst_Sa_CDDInterface.CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_Inst_Sa_CDDInterface.CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_Inst_Sa_CDDInterface.CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_Inst_Sa_CDDInterface.CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_Inst_Sa_CDDInterface.CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_Inst_Sa_CDDInterface.CDDInterfac$	tgt_CDDInterface_Per4_HystCompSrlComSv	/cDft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_KinIntDiagSrlComSvcDft_Cnt_lg	tgt_CDDInterface_Per4_KinIntDiagSrlComSv	cDft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_LimitSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_LimitSrlComSvcDft_	Cnt_lgc	
tgt Rte Inst Sa CDDInterface.CDDInterface Per4 MEC Cnt enum	tgt_CDDInterface_Per4_MEC_Cnt_enum		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MfgDiagInhibit_Cnt_lgc	tgt_CDDInterface_Per4_MfgDiagInhibit_Cnt_	lac	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ModIdxSrlComSvcDft_Cnt_Igc	tgt_CDDInterface_Per4_ModIdxSrlComSvcD	•	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MtrElecMechPolarity_Cnt_s08	tgt_CDDInterface_Per4_MtrElecMechPolarity		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MtrParmNrmLrnSrlComSvcDft_	tgt_CDDInterface_Per4_MtrParmNrmLrnSrlC		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MtrVelNrmLrnSrlComSvcDft_Ci	tgt_CDDInterface_Per4_MtrVelNrmLrnSrlCor		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MultIgnSrlComSvcDft_Cnt_Igc	tgt_CDDInterface_Per4_MultIgnSrlComSvcD	ft_Cnt_lgc	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc$	tgt_CDDInterface_Per4_ParkAstSrlComSvcD	Oft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_PosTrajEnable_Cnt_lgc	tgt_CDDInterface_Per4_PosTrajEnable_Cnt_	_lgc	
tgt Rte Inst Sa CDDInterface.CDDInterface Per4 PullCompLrnSrlComSvcDft Cn	tgt_CDDInterface_Per4_PullCompLrnSrlCom	SvcDft_Cnt_lgc	
tgt Rte Inst Sa CDDInterface.CDDInterface Per4 PullCompSrlComSvcDft Cnt Ig	tgt_CDDInterface_Per4_PullCompSrlComSvd	cDft Cnt Igc	
tgt Rte Inst Sa CDDInterface.CDDInterface Per4 ReturnSrlComSvcDft Cnt lgc	tgt_CDDInterface_Per4_ReturnSrlComSvcDf		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_RxMsgsSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_RxMsgsSrlComSvcD		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_SftEndStpSrlComSvcDft_Cnt_Ig			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_SrlComSvcDft_Cnt_b32	tgt_CDDInterface_Per4_SrlComSvcDft_Cnt_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ThermalDCSrlComSvcDft_Cnt_	tgt_CDDInterface_Per4_ThermalDCSrlComS		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_TrqRmpSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_TrqRmpSrlComSvcE	Oft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_WIRMfgEnabled_Cnt_lgc	tgt_CDDInterface_Per4_WIRMfgEnabled_Cn	t_lgc	
Name	Actual Value	Expected Value	Result
	Actual Value	Expected Value	Result
CDD_ModIdxSrlComSvcDft_Cnt_G_u16		•	Result
CDD_ModIdxSrlComSvcDft_Cnt_G_u16 PrevMtrElecMechPolarity_Cnt_M_s08	1	1	Result
CDD_ModldxSrlComSvcDft_Cnt_G_u16 PrevMtrElecMechPolarity_Cnt_M_s08 tgt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_lgc.value	1 1 0	1 1 0	\ \ \
CDD_ModldxSrlComSvcDft_Cnt_G_u16 PrevMtrElecMechPolarity_Cnt_M_s08 tgt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc.value	1 1 0 0	1 1 0 0	· · · · ·
CDD_ModldxSrlComSvcDft_Cnt_G_u16 PrevMtrElecMechPolarity_Cnt_M_s08 tgt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc.value	1 1 0 0	1 1 0 0 0	· · · · · ·
CDD_ModldxSrlComSvcDft_Cnt_G_u16 PrevMtrElecMechPolarity_Cnt_M_s08 tgt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc.value tgt_CDDInterface_Per4_DisableCEBusNormComm_Cnt_lgc.value	1 1 0 0 0 1	1 1 0 0 0 0	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
CDD_ModldxSrlComSvcDft_Cnt_G_u16 PrevMtrElecMechPolarity_Cnt_M_s08 tgt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc.value tgt_CDDInterface_Per4_DisableCEBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc.value	1 1 0 0 0 1 1	1 1 0 0 0 1 1	· · · · · · · · · · · · · · · · · · ·
CDD_ModldxSrlComSvcDft_Cnt_G_u16 PrevMtrElecMechPolarity_Cnt_M_s08 tgt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc.value tgt_CDDInterface_Per4_DisableCEBusNormComm_Cnt_lgc.value	1 1 0 0 0 1	1 1 0 0 0 0	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
CDD_ModldxSrlComSvcDft_Cnt_G_u16 PrevMtrElecMechPolarity_Cnt_M_s08 tgt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc.value tgt_CDDInterface_Per4_DisableCEBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc.value	1 1 0 0 0 1 1	1 1 0 0 0 1 1	· · · · · · · · · · · · · · · · · · ·
CDD_ModldxSrlComSvcDft_Cnt_G_u16 PrevMtrElecMechPolarity_Cnt_M_s08 tgt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc.value tgt_CDDInterface_Per4_DisableCEBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc.value	1 1 0 0 0 1 1 1	1 1 0 0 0 1 1 1	· · · · · · · · · · · · · · · · · · ·
CDD_ModldxSrlComSvcDft_Cnt_G_u16 PrevMtrElecMechPolarity_Cnt_M_s08 tgt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc.value tgt_CDDInterface_Per4_DisableCEBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DwnldAsstGain_Uls_f32.value tgt_CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_lgc.value	1 1 0 0 0 1 1 1 0 1.25	1 1 0 0 0 1 1 1 0 1.25 ± 0.000009	***************************************
CDD_ModldxSrlComSvcDft_Cnt_G_u16 PrevMtrElecMechPolarity_Cnt_M_s08 tgt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc.value tgt_CDDInterface_Per4_DisableCEBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DwnldAsstGain_Uls_f32.value	1 1 0 0 0 1 1 1 0 1.25	1 1 0 0 0 1 1 1 1 0 1.25 ± 0.000009	***************************************
CDD_ModldxSrlComSvcDft_Cnt_G_u16 PrevMtrElecMechPolarity_Cnt_M_s08 tgt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc.value tgt_CDDInterface_Per4_DisableCEBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DwnldAsstGain_Uls_f32.value tgt_CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTThermalSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTThermalSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc.value	1 1 0 0 0 1 1 1 1 0 1.25 1	1	***************************************
CDD_ModldxSrlComSvcDft_Cnt_G_u16 PrevMtrElecMechPolarity_Cnt_M_s08 tgt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc.value tgt_CDDInterface_Per4_DisableCEBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DwnldAsstGain_Uls_f32.value tgt_CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTThermalSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc.value	1 1 0 0 0 1 1 1 1 0 1.25 1	1 1 0 0 0 1 1 1 1 0 1.25 ± 0.000009 1 0 1	***************************************
CDD_ModldxSrlComSvcDft_Cnt_G_u16 PrevMtrElecMechPolarity_Cnt_M_s08 tgt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc.value tgt_CDDInterface_Per4_DisableCEBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DwnldAsstGain_Uls_f32.value tgt_CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTThermalSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_FreqDepDmpSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_FreqDepDmpSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_FricLrnSrlComSvcDft_Cnt_lgc.value	1 1 0 0 0 1 1 1 1 0 1.25 1 0 1	1 1 0 0 0 1 1 1 0 1.25 ± 0.000009 1 0 1	***************************************
CDD_ModldxSrlComSvcDft_Cnt_G_u16 PrevMtrElecMechPolarity_Cnt_M_s08 tgt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc.value tgt_CDDInterface_Per4_DisableCEBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DwnldAsstGain_Uls_f32.value tgt_CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTThermalSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_FreqDepDmpSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_FricLrnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_FricLrnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HysAddSrlComSvcDft_Cnt_lgc.value	1 1 0 0 0 1 1 1 1 0 1.25 1 0 1 1	1 1 0 0 0 1 1 1 0 1.25 ± 0.000009 1 0 1 1	***************************************
CDD_ModldxSrlComSvcDft_Cnt_G_u16 PrevMtrElecMechPolarity_Cnt_M_s08 tgt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc.value tgt_CDDInterface_Per4_DisableCEBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DwnldAsstGain_Uls_f32.value tgt_CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTThermalSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_FreqDepDmpSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_FricLrnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HysAddSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HysAddSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HysAddSrlComSvcDft_Cnt_lgc.value	1 1 0 0 0 1 1 1 1 0 1.25 1 0 1 1 1	1 1 0 0 0 1 1 1 0 1.25 ± 0.000009 1 0 1 1 0 0	***************************************
CDD_ModldxSrlComSvcDft_Cnt_G_u16 PrevMtrElecMechPolarity_Cnt_M_s08 tgt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc.value tgt_CDDInterface_Per4_DisableCEBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DwnldAsstGain_Uls_f32.value tgt_CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTThermalSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_FreqDepDmpSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_FricLrnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HysAddSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HysAddSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HysCompSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_KinIntDiagSrlComSvcDft_Cnt_lgc.value	1 1 0 0 0 1 1 1 1 0 1.25 1 0 1 1 1	1	***************************************
CDD_ModldxSrlComSvcDft_Cnt_G_u16 PrevMtrElecMechPolarity_Cnt_M_s08 tgt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc.value tgt_CDDInterface_Per4_DisableCEBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTThermalSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_FreqDepDmpSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_FricLrnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HysAddSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HysAddSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HysCompSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_KinIntDiagSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_LimitSrlComSvcDft_Cnt_lgc.value	1 1 0 0 0 1 1 1 1 0 1.25 1 0 1 1 1	1 1 0 0 0 1 1 1 0 1.25 ± 0.000009 1 0 1 1 0 0	***************************************
CDD_ModldxSrlComSvcDft_Cnt_G_u16 PrevMtrElecMechPolarity_Cnt_M_s08 tgt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc.value tgt_CDDInterface_Per4_DisableCEBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DwnldAsstGain_Uls_f32.value tgt_CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTThermalSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_FreqDepDmpSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_FricLrnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HysAddSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HysAddSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HysCompSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_KinIntDiagSrlComSvcDft_Cnt_lgc.value	1 1 0 0 0 1 1 1 1 0 1.25 1 0 1 1 1	1	***************************************
CDD_ModldxSrlComSvcDft_Cnt_G_u16 PrevMtrElecMechPolarity_Cnt_M_s08 tgt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc.value tgt_CDDInterface_Per4_DisableCEBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTThermalSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_FreqDepDmpSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_FricLrnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HysAddSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HysAddSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HysCompSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_KinIntDiagSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_LimitSrlComSvcDft_Cnt_lgc.value	1 1 0 0 0 1 1 1 1 0 1.25 1 0 1 1 1 0 0	1	***************************************
CDD_ModldxSrlComSvcDft_Cnt_G_u16 PrevMtrElecMechPolarity_Cnt_M_s08 tgt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc.value tgt_CDDInterface_Per4_DisableCEBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DisableHSBusNormComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DownldAsstGain_Uls_f32.value tgt_CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTThermalSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_FricLmSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HysAddSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_KinIntDiagSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_LimitSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_LimitSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_LimitSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_LimitSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_LimitSrlComSvcDft_Cnt_lgc.value	1 1 0 0 0 1 1 1 1 0 1.25 1 0 1 1 1 0 0 0	1	***************************************
CDD_ModldxSrlComSvcDft_Cnt_G_u16 PrevMtrElecMechPolarity_Cnt_M_s08 tgt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc.value tgt_CDDInterface_Per4_DisableCEBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DivingDynSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTThermalSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTThermalSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_FricLrnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_FricLrnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_KinIntDiagSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_LimitSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MEC_Cnt_enum.value tgt_CDDInterface_Per4_MEC_Cnt_enum.value tgt_CDDInterface_Per4_ModldxSrlComSvcDft_Cnt_lgc.value	1 1 0 0 0 1 1 1 0 1.25 1 0 1 1 1 0 0 1 1 1 0 0 1 1 1 0 0 1 1 1 0 0 0 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0	1	***************************************
CDD_ModldxSrlComSvcDft_Cnt_G_u16 PrevMtrElecMechPolarity_Cnt_M_s08 tgt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc.value tgt_CDDInterface_Per4_DisableCEBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTThermalSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTNermalSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_FricLrnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_FricLrnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HysAddSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HysCompSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HinIntDiagSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_LimitSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MEC_Cnt_enum.value tgt_CDDInterface_Per4_MfgDiagInhibit_Cnt_lgc.value tgt_CDDInterface_Per4_ModldxSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MdfgDiagInhibit_Cnt_lgc.value tgt_CDDInterface_Per4_ModldxSrlComSvcDft_Cnt_lgc.value	1 1 0 0 0 1 1 1 0 1.25 1 0 1 1 1 0 0 1 1 0 1	1	***************************************
CDD_ModldxSrlComSvcDft_Cnt_G_u16 PrevMtrElecMechPolarity_Cnt_M_s08 tgt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc.value tgt_CDDInterface_Per4_DisableCEBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTThermalSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_FricLrnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_FricLrnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HysddSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_KinIntDiagSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_LimitSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MEC_Cnt_enum.value tgt_CDDInterface_Per4_MfgDiagInhibit_Cnt_lgc.value tgt_CDDInterface_Per4_MdldxSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MdldxSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MdldxSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MfgDiagInhibit_Cnt_lgc.value tgt_CDDInterface_Per4_MdldxSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MdldxSrlComSvcDft_Cnt_lgc.value	1	1	***************************************
CDD_ModIdxSrIComSvcDft_Cnt_G_u16 PrevMtrElecMechPolarity_Cnt_M_s08 tgt_CDDInterface_Per4_BallNutTempEstSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DampingSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc.value tgt_CDDInterface_Per4_DisableCEBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DrivingDynSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DrivingDynSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTInpactSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTThermalSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EngONSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_FricLrnSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_FricLrnSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HystCompSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HinIntDiagSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MinIntDiagSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MinIntDiagSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MinIntDiagSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MinIntDiagSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MintDiagSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MintDiagSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MintDiagSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MintDiagSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MintDiagSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MintDiagSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MintDiagSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MintDiagSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MintDiagSrIComSvcDft_Cnt_lgc.value	1	1	***************************************
CDD_ModldxSrlComSvcDft_Cnt_G_u16 PrevMtrElecMechPolarity_Cnt_M_s08 tgt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc.value tgt_CDDInterface_Per4_DisableCEBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTInpactSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTThermalSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_Frict_nsrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HysAddSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HinIntDiagSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MinIntDiagSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MfgDiagInhibit_Cnt_lgc.value tgt_CDDInterface_Per4_MfgDiagInhibit_Cnt_lgc.value tgt_CDDInterface_Per4_MdldxSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ModldxSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ModldxSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MfgDiagInhibit_Cnt_lgc.value tgt_CDDInterface_Per4_MtrParmNrmLrnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MtrParmNrmLrnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MtrParmNrmLrnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MtrParmNrmLrnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MtrParmNrmLrnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MtrParmNrmLrnSrlComSvcDft_Cnt_lgc.value	1	1	***************************************
CDD_ModIdxSrIComSvcDft_Cnt_G_u16 PrevMtrElecMechPolarity_Cnt_M_s08 tgt_CDDInterface_Per4_BallNutTempEstSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DampingSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc.value tgt_CDDInterface_Per4_DisableCEBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DrivingDynSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DrivingDynSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTImpactSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTThermalSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EngONSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EngONSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_FricLrnSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HysddSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HysCompSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HystCompSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HinitSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_LimitSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MfgDiagInhibit_Cnt_lgc.value tgt_CDDInterface_Per4_ModIdxSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ModIdxSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ModIdxSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ModIdxSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ModIdxSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MtrParmNrmLrmSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MtrParmNrmLrmSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MtrParmNrmLrmSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MtrParmNrmLrmSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MtrParmNrmLrmSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MtrParmNrmLrmSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MtrParmNrmLrmSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MtrParmNrmLrmSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MtrParmNrmLrmSrIComSvcDft_Cnt_lgc.value	1	1	***************************************
CDD_ModIdxSrIComSvcDft_Cnt_G_u16 PrevMtrElecMechPolarity_Cnt_M_s08 tgt_CDDInterface_Per4_BallNutTempEstSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DampingSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc.value tgt_CDDInterface_Per4_DisableCEBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DrivingDynSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DrivingDynSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DrivingDynSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTImpactSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTThermalSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EngONSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_FricLrnSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HysdAdSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HystCompSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HystCompSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HinitSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_LimitSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MfgDiagInhibit_Cnt_lgc.value tgt_CDDInterface_Per4_ModIdxSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ModIdxSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MtrParmNrmLrmSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MtrParmNrmLrmSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MtrParmNrmLrmSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MtrParmNrmLrmSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MtrParmNrmLrmSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MtltlgnSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ParkAstSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ParkAstSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ParkAstSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ParkAstSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ParkAstSrIComSvcDft_Cnt_lgc.value	1	1	***************************************
CDD_ModIdxSrIComSvcDft_Cnt_G_u16 PrevMtrElecMechPolarity_Cnt_M_s08 tgt_CDDInterface_Per4_BallNutTempEstSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DampingSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc.value tgt_CDDInterface_Per4_DisableCEBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DrivingDynSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DrivingDynSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DrivingDynSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTImpactSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EngONSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EngONSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_FreqDepDmpSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HystCompSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HystCompSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HystCompSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HinitDiagSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MifgDiagInhibit_Cnt_lgc.value tgt_CDDInterface_Per4_MifgDiagInhibit_Cnt_lgc.value tgt_CDDInterface_Per4_MifgDiagInhibit_Cnt_lgc.value tgt_CDDInterface_Per4_MifgDiagInhibit_Cnt_lgc.value tgt_CDDInterface_Per4_MiffDiagSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MiffDiagInhibit_Cnt_lgc.value tgt_CDDInterface_Per4_ParkAstSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ParkAstSrIComSvcDft_Cnt_lgc.value	1	1	***************************************
CDD_ModIdxSrIComSvcDft_Cnt_G_u16 PrevMtrElecMechPolarity_Cnt_M_s08 tgt_CDDInterface_Per4_BallNutTempEstSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DampingSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc.value tgt_CDDInterface_Per4_DisableCEBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DrivingDynSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DrivingDynSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTImpactSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTThermalSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EngONSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_FreqDepDmpSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HystCompSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HystCompSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HystCompSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_LimitSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MitpLintDiagSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MitpLintDiagSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MitpLintDiagSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MitpLintDiagNibit_Cnt_lgc.value tgt_CDDInterface_Per4_MitpLintDiagNibit_Cnt_lgc.value tgt_CDDInterface_Per4_MitpLintDiagNibit_Cnt_lgc.value tgt_CDDInterface_Per4_MitpLintDiagNibit_Cnt_lgc.value tgt_CDDInterface_Per4_MitpLintDiagNibit_Cnt_lgc.value tgt_CDDInterface_Per4_MitpLintDiagNibit_Cnt_lgc.value tgt_CDDInterface_Per4_MitplSriComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MitpLintDiagNibit_Cnt_lgc.value tgt_CDDInterface_Per4_MitpLintDiagNibit_Cnt_lgc.value tgt_CDDInterface_Per4_ParkAstSriComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ReturnSriComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ParkAstSriComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ParkAstSriComSvcDft_Cnt_lgc.value	1	1	***************************************
CDD_ModIdxSrIComSvcDft_Cnt_G_u16 PrevMtrElecMechPolarity_Cnt_M_s08 tgt_CDDInterface_Per4_BallNutTempEstSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DampingSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc.value tgt_CDDInterface_Per4_DisableCEBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DrivingDynSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DrivingDynSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DrivingDynSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTImpactSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EngONSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EngONSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_FreqDepDmpSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HystCompSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HystCompSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HystCompSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HinitDiagSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MifgDiagInhibit_Cnt_lgc.value tgt_CDDInterface_Per4_MifgDiagInhibit_Cnt_lgc.value tgt_CDDInterface_Per4_MifgDiagInhibit_Cnt_lgc.value tgt_CDDInterface_Per4_MifgDiagInhibit_Cnt_lgc.value tgt_CDDInterface_Per4_MiffDiagSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MiffDiagInhibit_Cnt_lgc.value tgt_CDDInterface_Per4_ParkAstSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ParkAstSrIComSvcDft_Cnt_lgc.value	1	1	***************************************
CDD_ModIdxSrIComSvcDft_Cnt_G_u16 PrevMtrElecMechPolarity_Cnt_M_s08 tgt_CDDInterface_Per4_BallNutTempEstSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DampingSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc.value tgt_CDDInterface_Per4_DisableCEBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DrivingDynSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DrivingDynSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTImpactSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTThermalSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EngONSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_FreqDepDmpSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HystCompSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HystCompSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HystCompSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_LimitSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MitpLintDiagSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MitpLintDiagSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MitpLintDiagSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MitpLintDiagNibit_Cnt_lgc.value tgt_CDDInterface_Per4_MitpLintDiagNibit_Cnt_lgc.value tgt_CDDInterface_Per4_MitpLintDiagNibit_Cnt_lgc.value tgt_CDDInterface_Per4_MitpLintDiagNibit_Cnt_lgc.value tgt_CDDInterface_Per4_MitpLintDiagNibit_Cnt_lgc.value tgt_CDDInterface_Per4_MitpLintDiagNibit_Cnt_lgc.value tgt_CDDInterface_Per4_MitplSriComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MitpLintDiagNibit_Cnt_lgc.value tgt_CDDInterface_Per4_MitpLintDiagNibit_Cnt_lgc.value tgt_CDDInterface_Per4_ParkAstSriComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ReturnSriComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ParkAstSriComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ParkAstSriComSvcDft_Cnt_lgc.value	1	1	***************************************
CDD_ModIdxSrIComSvcDft_Cnt_G_u16 PrevMtrElecMechPolarity_Cnt_M_s08 tgt_CDDInterface_Per4_BallNutTempEstSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DampingSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc.value tgt_CDDInterface_Per4_DisableCEBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DrivingDynSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DrivingDynSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTImpactSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTThermalSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTThermalSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_FreqDepDmpSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_FreqDepDmpSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HystCompSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HystCompSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HystCompSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_KinIntDiagSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MidDiagInhibit_Cnt_lgc.value tgt_CDDInterface_Per4_ModIdxSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ModIdxSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MitrParmNrmLrmSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MittlgnSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MittlgnSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ParkAstSrIComSvcDft_Cnt_lgc.value tgt_CDDInter	1	1	***************************************
CDD_ModIdxSrIComSvcDft_Cnt_G_u16 PrevMtrElecMechPolarity_Cnt_M_s08 tgt_CDDInterface_Per4_BallNutTempEstSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DampingSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc.value tgt_CDDInterface_Per4_DisableCEBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DivingDynSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DrivingDynSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DrivingDynSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTImpactSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTThermalSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTThermalSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_FreqDepDmpSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HysCompSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HysCompSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HysCompSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HintDiagSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_LimitSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MidDiagInhibit_Cnt_lgc.value tgt_CDDInterface_Per4_ModIdxSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MiddlxSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MiddlxSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MiddlxSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MiddlxSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MiddlxSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MiddlsSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ParkAstSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ParkAstSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ParkAstSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ReturnSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ReturnSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ReturnSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ReturnSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ReturnSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_StEndStpSrIComSvcDft_Cnt_lgc.value	1	1	***************************************
CDD_ModIdxSrIComSvcDft_Cnt_G_u16 PrevMtrElecMechPolarity_Cnt_M_s08 tgt_CDDInterface_Per4_BallNutTempEstSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DampingSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc.value tgt_CDDInterface_Per4_DisableCEBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DivingDynSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DrivingDynSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DownldAsstGain_Uls_f32.value tgt_CDDInterface_Per4_EOTImpactSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTThermalSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTThermalSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_FricLmSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_FricLmSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HysAddSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HystCompSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HystCompSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HinitDiagSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MEC_Cnt_enum.value tgt_CDDInterface_Per4_MEC_Cnt_enum.value tgt_CDDInterface_Per4_MfDiagInhibit_Cnt_lgc.value tgt_CDDInterface_Per4_MtrParmNrmLrnSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MtrParmNrmLrnSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MitrParmNrmLrnSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MitrlgnSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ParkAstSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ParkAstSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ParkAstSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ParkAstSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ParkAstSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ParkAstSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ParkAstSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ParkAstSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ReturnSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ReturnSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_SftEndStpSrIComSvcDft_Cnt_lg	1	1	***************************************
CDD_ModIdxSriComSvcDft_Cnt_G_u16 PrevMtrElecMechPolarity_Cnt_M_s08 tgt_CDDInterface_Per4_BallNutTempEstSriComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DampingSriComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc.value tgt_CDDInterface_Per4_DisableCEBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DrivingDynSriComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DrivingDynSriComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTImpactSriComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTThermalSriComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EngONSriComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_FreqDepDmpSriComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HysdOspriComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HysdCompSriComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HystCompSriComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HintDiagSriComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_LimitSriComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MigDiagInhibit_Cnt_lgc.value tgt_CDDInterface_Per4_ModidxSriComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MitplamNrmLrmSriComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MitplamNrmLrmSriComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MitplsnriComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MitplsnriComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ParkAstSriComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ParkAstSriComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ParkAstSriComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ParkAstSriComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ParkAstSriComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ReturnSriComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ReturnSriComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ReturnSriComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ReturnSriComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ReturnSriComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ReturnSriComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_Return	1	1	***************************************



Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
none	0	*** No Call Expected ***	0	~

Test Step 2.11 (Repeat Count = 1)			V	
Name	Input Value			
CDD_BallNutTempEstDisableSvc_Cnt_G_lgc	1			
CDD_DftAsstTbl_Cnt_G_lgc	1			
CDD_DisableCEBusNormComm_Cnt_lgc	0			
CDD_DisableHSBusNormComm_Cnt_lgc	0			
CDD_DwnldAsstGain_Uls_G_f32		2.25		
CDD_EOLNxtrWIRSelect_Cnt_G_u16	6869			
CDD_EOLSrlComSvcDft_Cnt_G_b32	9658			
CDD_GenPosTrajEnableFlag_Cnt_G_lgc	0			
CDD_PullCompDisableSvc_Cnt_G_lgc CDD_PwrAsstModeSvc_Cnt_G_lgc	1			
CDD_SftEndStpDisableSvc_Cnt_G_lgc	0			
CDD WIRDisableSvc Cnt G Igc	1			
MfgDiagInhibit_Uls_G_lgc	1			
Nvm_CMEC_Cnt_u8	186			
NxtrMEC_UIs_G_enum	0			
PrevMtrElecMechPolarity_Cnt_M_s08	-1			
Rte_Inst_Sa_CDDInterface	tgt_Rte_Inst_Sa_CDDInterface			
tgt_CDDInterface_Per4_MtrElecMechPolarity_Cnt_s08.value	-1			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_BallNutTempEstSrlComSv	cDft_ tgt_CDDInterface_Per4_BallNutTempEstS	SrlComSvcDft_Cnt_lgc		
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DampingSrlComSvcDft_ComSvcD$	nt_lgr tgt_CDDInterface_Per4_DampingSrlCom	SvcDft_Cnt_lgc		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DftAsstTbl_Cnt_lgc	tgt_CDDInterface_Per4_DftAsstTbl_Cnt_I	gc		
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DisableCEBusNormCommunity and the property of the property of$	_Cnt tgt_CDDInterface_Per4_DisableCEBusNo	ormComm_Cnt_lgc		
tgt Rte Inst Sa CDDInterface.CDDInterface Per4 DisableHSBusNormComm	Cnt tgt_CDDInterface_Per4_DisableHSBusNo	ormComm_Cnt_lgc		
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DrivingDynSrlComSvcDft_Inst_Sa_CDDInterface_Per4_DrivingDynSrlComSvcDft_Inst_Sa_CDDInterface_Per4_DrivingDynSrlComSvcDft_Inst_Sa_CDDInterface_Per4_DrivingDynSrlComSvcDft_Inst_Sa_CDDInterface_Per4_DrivingDynSrlComSvcDft_Inst_Sa_CDDInterface_Per4_DrivingDynSrlComSvcDft_Inst_Sa_CDDInterface_Per4_DrivingDynSrlComSvcDft_Inst_Sa_CDDInterface_Per4_DrivingDynSrlComSvcDft_Inst_Sa_CDDInterface_Per4_DrivingDynSrlComSvcDft_Inst_Sa_CDDInterface_Per4_DrivingDynSrlComSvcDft_Inst_Sa_CDDInterface_Per4_DrivingDynSrlComSvcDft_Inst_Sa_CDDInterface_Per4_DrivingDynSrlComSvcDft_Inst_Sa_CDDInterface_Per4_DrivingDynSrlComSvcDft_Inst_Sa_CDDInterface_Per4_DrivingDynSrlComSvcDft_Inst_Sa_CDDInterface_Per4_DrivingDynSrlComSvcDft_Inst_Sa_CDDInterface_Per4_DrivingDynSrlComSvcDft_Inst_Sa_CDDInterface_Per4_DrivingDynSrlComSvcDft_Inst_Sa_CDDInterface_Per4_DrivingDynSrlComSvcDft_Inst_Sa_CDDInterface_Per4_DrivingDynSrlComSvcDft_Inst_DrivingDynSrlComSvcDft_$	Cnt_ tgt_CDDInterface_Per4_DrivingDynSrlCo	mSvcDft_Cnt_lgc		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DwnldAsstGain_Uls_f32	tgt_CDDInterface_Per4_DwnldAsstGain_			
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_EOTImpactSrIComSvcDft_Inst_Sa_CDDInterface_Per4_EOTImpactSrIComSvcDinterface_Per4_EOT$				
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_EOTThermalSrlComSvcDf				
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_EngONSrlComSvcDft_Cnt				
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_FreqDepDmpSrlComSvcD				
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_FricLrnSrlComSvcDft_Cnt_				
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_HysAddSrlComSvcDft_Cn				
tgt Rte Inst Sa CDDInterface.CDDInterface Per4 HystCompSrlComSvcDft tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_KinIntDiagSrlComSvcDft_t				
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_LimitSrlComSvcDft_Cnt_lg				
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MEC_Cnt_enum	tgt_CDDInterface_Per4_MEC_Cnt_enum	on_on_ge		
tgt Rte Inst Sa CDDInterface.CDDInterface Per4 MfgDiagInhibit Cnt Igc	tgt_CDDInterface_Per4_MfgDiagInhibit_C	ent lac		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ModidxSrlComSvcDft_Cnt				
tgt Rte Inst Sa CDDInterface.CDDInterface Per4 MtrElecMechPolarity Cnt				
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MtrParmNrmLrnSrlComSv		· - -		
tgt Rte Inst Sa CDDInterface.CDDInterface Per4 MtrVelNrmLrnSrlComSvcD				
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MultIgnSrlComSvcDft_Cnt	_lgc tgt_CDDInterface_Per4_MultIgnSrlComSv	vcDft_Cnt_lgc		
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ParkAstSrlComSvcDft_Cnrowselfs and the state of the state of$	t_lgc tgt_CDDInterface_Per4_ParkAstSrlComS	vcDft_Cnt_lgc		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_PosTrajEnable_Cnt_lgc	tgt_CDDInterface_Per4_PosTrajEnable_0	Cnt_lgc		
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_PullCompLrnSrlComSvcDfrace_Per4_PullComPLrnSrlComSvcDfrace_Per4_Per4_PullComPLrnSrlComSvcDfrace_Per4_Per4_Per4_Per4_Per4_Per4_Per4_Per$	t_Cn tgt_CDDInterface_Per4_PullCompLrnSrlC	ComSvcDft_Cnt_lgc		
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_PullCompSrlComSvcDft_ComSvc$	nt_lc tgt_CDDInterface_Per4_PullCompSrlCom	SvcDft_Cnt_lgc		
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ReturnSrlComSvcDft_Cnt_ReturnSrlComSvcDft_$	_lgc tgt_CDDInterface_Per4_ReturnSrlComSv	cDft_Cnt_lgc		
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_RxMsgsSrlComSvcDft_CndSvcDf$	t_lgc tgt_CDDInterface_Per4_RxMsgsSrlComS	vcDft_Cnt_lgc		
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_SftEndStpSrlComSvcDft_ComSv$				
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_SrlComSvcDft_Cnt_b32	tgt_CDDInterface_Per4_SrlComSvcDft_C			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ThermalDCSrlComSvcDft_				
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_TrqRmpSrlComSvcDft_Cn				
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_WIRMfgEnabled_Cnt_lgc	tgt_CDDInterface_Per4_WIRMfgEnabled_			
Name	Actual Value	Expected Value	Resul	
CDD_ModldxSrlComSvcDft_Cnt_G_u16	0	0	•	
PrevMtrElecMechPolarity_Cnt_M_s08	-1	-1	•	
tgt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_lgc.value	1	1	•	
tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc.value	0	0	•	
tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc.value	1	1	•	
tgt_CDDInterface_Per4_DisableCEBusNormComm_Cnt_lgc.value	0	0	•	
A CORDIA CONTRACTOR OF THE CON		0		
tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc.value	0			
$tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc.value$	1	1	•	
tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DwnldAsstGain_Uls_f32.value	1 2.25	1 2.25 ± 0.000009	•	
$tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc.value$	1	1		





Name	Actual Value	Expected Value	Result
tgt_CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc.value	1	1	✓
tgt_CDDInterface_Per4_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_FricLrnSrlComSvcDft_Cnt_lgc.value	0	0	✓
tgt_CDDInterface_Per4_HysAddSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_KinIntDiagSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_LimitSrlComSvcDft_Cnt_lgc.value	0	0	•
tgt_CDDInterface_Per4_MEC_Cnt_enum.value	0	0	~
tgt_CDDInterface_Per4_MfgDiagInhibit_Cnt_lgc.value	1	1	✓
tgt_CDDInterface_Per4_ModIdxSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_MtrParmNrmLrnSrlComSvcDft_Cnt_lgc.value	1	1	✓
tgt_CDDInterface_Per4_MtrVelNrmLrnSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_MultIgnSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_PosTrajEnable_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_PullCompLrnSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_PullCompSrlComSvcDft_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_ReturnSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_RxMsgsSrlComSvcDft_Cnt_lgc.value	0	0	✓
tgt_CDDInterface_Per4_SftEndStpSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_SrlComSvcDft_Cnt_b32.value	9658	9658	~
tgt_CDDInterface_Per4_ThermalDCSrlComSvcDft_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_TrqRmpSrlComSvcDft_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_WIRMfgEnabled_Cnt_lgc.value	0	0	~

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
none	0	*** No Call Expected ***	0	~

Test Step 2.12 (Repeat Count = 1)	✓
Name	Input Value
CDD_BallNutTempEstDisableSvc_Cnt_G_lgc	0
CDD_DftAsstTbl_Cnt_G_lgc	0
CDD_DisableCEBusNormComm_Cnt_lgc	1
CDD_DisableHSBusNormComm_Cnt_lgc	1
CDD_DwnldAsstGain_Uls_G_f32	3.25
CDD_EOLNxtrWIRSelect_Cnt_G_u16	4587
CDD_EOLSrlComSvcDft_Cnt_G_b32	0
CDD_GenPosTrajEnableFlag_Cnt_G_lgc	0
CDD_PullCompDisableSvc_Cnt_G_lgc	1
CDD_PwrAsstModeSvc_Cnt_G_lgc	0
CDD_SftEndStpDisableSvc_Cnt_G_lgc	1
CDD_WIRDisableSvc_Cnt_G_lgc	1
MfgDiagInhibit_UIs_G_lgc	0
Nvm_CMEC_Cnt_u8	214
NxtrMEC_Uls_G_enum	2
PrevMtrElecMechPolarity_Cnt_M_s08	1
Rte_Inst_Sa_CDDInterface	tgt_Rte_Inst_Sa_CDDInterface
tgt_CDDInterface_Per4_MtrElecMechPolarity_Cnt_s08.value	1
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Started and the started and the st$	tgt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_lgc
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lg$	tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DftAsstTbl_Cnt_lgc	tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DisableCEBusNormComm_Cnress (CDDInterface) and (CDDInterface) and (CDDInterface) are also considered as a constant of the con$	tgt_CDDInterface_Per4_DisableCEBusNormComm_Cnt_lgc
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DisableHSBusNormComm_Cn	tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface.CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface.CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_DrivingDynSrlComSvcDft_Cnt_DrivingDynSrlComSvcDft_Cnt_DrivingDynSrlComSvcDft_Cnt_DrivingDynSrlComSvcDft_Cnt_DrivingDynSrlComSvcDft_Cnt_DrivingDynSrlComSvcDft_Cnt_DrivingDynSrlComSvcDft_Cnt_DrivingDynSrlComSvcDft_Cnt_DrivingDynSrlComSvcDft_Cnt_DrivingDynSrlComSvcDft_Cnt_DrivingDynSrlComSvcDft_Cnt_DrivingDynSrlComSvcDft_Cnt_DrivingDynSrlComSvcDft_Cnt_DrivingDynSrlComSvcDft_Cnt_DrivingDynSrlComSvcDft_Cnt_DrivingDynSrlComSvcDft_Cnt_DrivingDynSrlComSvcDft_Cnt_DrivingDynSrlComSvcDft_Cnt_DrivingDynSrlComSvcDft_DrivingDynSrlComSvc$	tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DwnldAsstGain_Uls_f32	tgt_CDDInterface_Per4_DwnldAsstGain_Uls_f32
$tgt \ \ Rte \ \ Inst \ \ Sa \ \ CDDInterface.CDDInterface \ \ Per4 \ \ EOTImpactSrlComSvcDft \ \ Cnt$	tgt_CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_lgc
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_EOTThermalSrlComSvcDft_Cn	tgt_CDDInterface_Per4_EOTThermalSrlComSvcDft_Cnt_lgc
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc$	tgt_CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_FreqDepDmpSrlComSvcDft_Cr	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_FricLrnSrlComSvcDft_Cnt_lgc$	tgt_CDDInterface_Per4_FricLrnSrlComSvcDft_Cnt_lgc
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_HysAddSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_HysAddSrlComSvcDft_Cnt_lgc
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tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_KinIntDiagSrlComSvcDft_Cnt_I	tgt_CDDInterface_Per4_KinIntDiagSrlComSvcDft_Cnt_lgc
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_LimitSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_LimitSrlComSvcDft_Cnt_lgc
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MEC_Cnt_enum	tgt_CDDInterface_Per4_MEC_Cnt_enum
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MfgDiagInhibit_Cnt_lgc	tgt_CDDInterface_Per4_MfgDiagInhibit_Cnt_lgc
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ModIdxSrlComSvcDft_Cnt_Igc	tgt_CDDInterface_Per4_ModIdxSrlComSvcDft_Cnt_lgc
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MtrElecMechPolarity_Cnt_s08	tgt_CDDInterface_Per4_MtrElecMechPolarity_Cnt_s08
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MtrParmNrmLrnSrlComSvcDft_	tgt_CDDInterface_Per4_MtrParmNrmLrnSrlComSvcDft_Cnt_lgc





Name	Input Value		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MtrVeiNrmLrnSrlComSvcDft_C	tgt_CDDInterface_Per4_MtrVelNrmLrnSrlCo	mSvcDft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MultIgnSrlComSvcDft_Cnt_Igc	tgt_CDDInterface_Per4_MultIgnSrlComSvcD	Oft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_ParkAstSrlComSvcI	Oft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_PosTrajEnable_Cnt_Igc	tgt_CDDInterface_Per4_PosTrajEnable_Cnt	_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_PullCompLrnSrlComSvcDft_Cn	tgt_CDDInterface_Per4_PullCompLrnSrlCon	nSvcDft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_PullCompSrlComSvcDft_Cnt_lc	tgt_CDDInterface_Per4_PullCompSrlComSv	cDft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ReturnSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_ReturnSrlComSvcD	ft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_RxMsgsSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_RxMsgsSrlComSvcl	Dft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_SftEndStpSrlComSvcDft_Cnt_lg	tgt_CDDInterface_Per4_SftEndStpSrlComSv	/cDft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_SrlComSvcDft_Cnt_b32	tgt_CDDInterface_Per4_SrlComSvcDft_Cnt_	b32	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ThermalDCSrlComSvcDft_Cnt_Inst_Sa_CDDInterface.CDDInterface_Per4_ThermalDCSrlComSvcDft_Cnt_Inst_Sa_CDDInterface.CDDInterface_Per4_ThermalDCSrlComSvcDft_Cnt_Inst_Sa_CDDInterface.CDDInterface_Per4_ThermalDCSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_ThermalDCSrlComSvcDft_Cnt_ThermalD$	tgt_CDDInterface_Per4_ThermalDCSrlComS	SvcDft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_TrqRmpSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_TrqRmpSrlComSvcl	Dft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_WIRMfgEnabled_Cnt_lgc	tgt_CDDInterface_Per4_WIRMfgEnabled_Cr	nt_lgc	
Name	Actual Value	Expected Value	Result
CDD ModldxSrlComSvcDft Cnt G u16	0	0	~
PrevMtrElecMechPolarity Cnt M s08	1	1	-
tgt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_lgc.value	0	0	
tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc.value	0	0	-
tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc.value	0	0	-
tgt CDDInterface Per4 DisableCEBusNormComm Cnt lgc.value	1	1	-
tgt CDDInterface Per4 DisableHSBusNormComm Cnt Igc.value	1	1	-
tgt CDDInterface Per4 DrivingDynSrlComSvcDft Cnt lgc.value	0	0	-
tgt_CDDInterface_Per4_DwnldAsstGain_Uls_f32.value	3.25	3.25 ± 0.000009	
tgt_CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_lgc.value	0	0	-
tgt CDDInterface Per4 EOTThermalSrlComSvcDft Cnt lgc.value	0	0	-
tgt CDDInterface Per4 EngONSrlComSvcDft Cnt lgc.value	0	0	✓
tgt_CDDInterface_Per4_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	0	0	-
tgt_CDDInterface_Per4_FricLrnSrlComSvcDft_Cnt_lgc.value	0	0	-
tgt_CDDInterface_Per4_HysAddSrlComSvcDft_Cnt_lgc.value	0	0	-
tgt_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_lgc.value	0	0	-
tgt_CDDInterface_Per4_KinIntDiagSrlComSvcDft_Cnt_lgc.value	0	0	-
tgt_CDDInterface_Per4_LimitSrlComSvcDft_Cnt_lgc.value	0	0	-
tgt_CDDInterface_Per4_MEC_Cnt_enum.value	2	2	-
tgt_CDDInterface_Per4_MfgDiagInhibit_Cnt_lgc.value	0	0	-
tgt_CDDInterface_Per4_ModIdxSrlComSvcDft_Cnt_lgc.value	0	0	-
tgt_CDDInterface_Per4_MtrParmNrmLrnSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_MtrVelNrmLrnSrlComSvcDft_Cnt_lgc.value	0	0	-
tgt_CDDInterface_Per4_MultIgnSrlComSvcDft_Cnt_lgc.value	0	0	-
tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc.value	0	0	-
tgt_CDDInterface_Per4_PosTrajEnable_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_PullCompLrnSrlComSvcDft_Cnt_lgc.value	0	0	-
tgt_CDDInterface_Per4_PullCompSrlComSvcDft_Cnt_lgc.value	1	1	✓
tgt_CDDInterface_Per4_ReturnSrlComSvcDft_Cnt_lgc.value	0	0	-
tgt_CDDInterface_Per4_RxMsgsSrlComSvcDft_Cnt_lgc.value	0	0	•
tgt_CDDInterface_Per4_SftEndStpSrlComSvcDft_Cnt_lgc.value	1	1	✓
tgt_CDDInterface_Per4_SrlComSvcDft_Cnt_b32.value	0	0	•
tgt_CDDInterface_Per4_ThermalDCSrlComSvcDft_Cnt_lgc.value	0	0	-
tgt_CDDInterface_Per4_TrqRmpSrlComSvcDft_Cnt_lgc.value	0	0	•
tgt_CDDInterface_Per4_WIRMfgEnabled_Cnt_lgc.value	0	0	-

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
none	0	*** No Call Expected ***	0	~

Test Step 2.13 (Repeat Count = 1)	✓
Name	Input Value
CDD_BallNutTempEstDisableSvc_Cnt_G_lgc	1
CDD_DftAsstTbl_Cnt_G_lgc	1
CDD_DisableCEBusNormComm_Cnt_lgc	0
CDD_DisableHSBusNormComm_Cnt_lgc	0
CDD_DwnldAsstGain_Uls_G_f32	4.48000002
CDD_EOLNxtrWIRSelect_Cnt_G_u16	3658
CDD_EOLSrlComSvcDft_Cnt_G_b32	4294967295
CDD_GenPosTrajEnableFlag_Cnt_G_lgc	1
CDD_PullCompDisableSvc_Cnt_G_lgc	0
CDD_PwrAsstModeSvc_Cnt_G_lgc	1
CDD_SftEndStpDisableSvc_Cnt_G_lgc	0
CDD_WIRDisableSvc_Cnt_G_lgc	0
MfgDiagInhibit_Uls_G_lgc	1
Nvm_CMEC_Cnt_u8	147

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Input Value

CDDInterface_Per4

Name



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tgt_CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EngONsrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EngONsrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EngONsrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_FreqDepDmpSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_FreqDepDmpSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_FreqDepDmpSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HysAddSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HysAddSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HysCompSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HysCompSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_LimitSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_LimitSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MindidsSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MindidsSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MindidsSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MindidsSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MindidsSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MindidsSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MindignSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MindignSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MindignSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MindignSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MindignSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MindignSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MindignSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MindignSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_PullCompSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_PullCompSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_PullCompSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_SrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_SrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_SrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_SrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_SrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_SrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_SrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4	Name CDD_ModldxSrlComSvcDft_Cnt_G_u16 PrevMtrElecMechPolarity_Cnt_M_s08 tgt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc.value tgt_CDDInterface_Per4_DisableCEBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc.value	Actual Value 1 -1 1 1 0 0	Expected Value 1 -1 1 1 0 0	* * * * * * * * * * * * * * * * * * * *
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tgt_CDDInterface_Per4_SftEndStpSrlComSvcDft_Cnt_lgc.value 0 0 vtgt_CDDInterface_Per4_SrlComSvcDft_Cnt_b32.value 4294967295 4294967295 vtgt_CDDInterface_Per4_ThermalDCSrlComSvcDft_Cnt_lgc.value 1 1 vtgt_CDDInterface_Per4_ThermalDCSrlComSvcDft_Cnt_lgc.value 1 vtgt_CDDInterface_P	Name CDD_ModldxSrlComSvcDft_Cnt_G_u16 PrevMtrElecMechPolarity_Cnt_M_s08 tgt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc.value tgt_CDDInterface_Per4_DisableCEBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DwnldAsstGain_Uls_f32.value tgt_CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTThermalSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_FreqDepDmpSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_FreqDepDmpSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HysComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HysComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HysComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_LimitSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_LimitSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MerC_Cnt_enum.value tgt_CDDInterface_Per4_MfgDiagInhibit_Cnt_lgc.value tgt_CDDInterface_Per4_ModldxSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ModldxSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ModldxSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ModldxSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ModldxSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ModldxSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ModldxSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_NodldxSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_PosTrajEnable_Cnt_lgc.value tgt_CDDInterface_Per4_PosTrajEnable_Cnt_lgc.value	Actual Value 1 -1 1 1 1 0 0 0 1 4.48000002 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Expected Value 1 -1 1 1 1 0 0 0 1 4.48000002 ± 0.000009 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	* * * * * * * * * * * * * * * * * * * *
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tgt_CDDInterface_Per4_ThermalDCSrlComSvcDft_Cnt_igc.value 1 1	Name CDD_ModldxSrlComSvcDft_Cnt_G_u16 PrevMtrElecMechPolarity_Cnt_M_s08 tgt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc.value tgt_CDDInterface_Per4_DisableCEBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTThermalSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTThermalSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_FreqDepDmpSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_FreqDepDmpSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HysAddSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HysCompSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HysCompSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_LimitSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_LimitSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MfgDiagInhibit_Cnt_lgc.value tgt_CDDInterface_Per4_ModldxsrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MtrParmNrmLrmSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MtrVelNrmLrmSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MultIgnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ReturnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ReturnSrlComSvcDft_Cnt_lgc.value	Actual Value 1 -1 1 1 1 1 0 0 0 1 4.48000002 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Expected Value 1 -1 1 1 1 0 0 0 1 4.48000002 ± 0.000009 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	· · · · · · · · · · · · · · · · · · ·
	Name CDD_ModldxSrlComSvcDft_Cnt_G_u16 PrevMtrElecMechPolarity_Cnt_M_s08 tgt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc.value tgt_CDDInterface_Per4_DisableCEBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTThermalSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTThermalSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_FreqDepDmpSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HysAddSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HysAddSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HysCompSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HinitDiagSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_LimitSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MfgDiagInhibit_Cnt_lgc.value tgt_CDDInterface_Per4_ModldSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ModldSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MitrParmNrmLrmSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MitrParmNrmLrmSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MitrParmNrmLrmSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_PosTrajEnable_Cnt_lgc.value tgt_CDDInterface_Per4_PosTrajEnable_Cnt_lgc.value tgt_CDDInterface_Per4_PullCompLrmSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_PullCompLrmSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ReturnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ReturnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_StfEndStpSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_StfEndStpSrlComSvcDft_Cnt_lgc.value	Actual Value 1 -1 1 1 1 1 0 0 0 1 4.48000002 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Expected Value 1 -1 1 1 1 1 0 0 0 1 4.48000002 ± 0.000009 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	· · · · · · · · · · · · · · · · · · ·
tgt_Cupinterrace_rer4_trqkmpSrtComSvcutt_Cnt_tgc.value 1 1	Name CDD_ModldxSrlComSvcDft_Cnt_G_u16 PrevMtrElecMechPolarity_Cnt_M_s08 tgt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc.value tgt_CDDInterface_Per4_DisableCEBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DivingDynSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DwnldAsstGain_Uls_f32.value tgt_CDDInterface_Per4_EOTThermalSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTThermalSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_FricLmSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HysAddSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HysAddSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_LimitSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_LimitSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MEC_Cnt_enum.value tgt_CDDInterface_Per4_MEC_Cnt_enum.value tgt_CDDInterface_Per4_MfgDiagInhibit_Cnt_lgc.value tgt_CDDInterface_Per4_MfgDiagInhibit_Cnt_lgc.value tgt_CDDInterface_Per4_MtrParmNrmLrnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MtrParmNrmLrnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MtrParmNrmLrnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MtrParmNrmLrnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MtrParmNrmLrnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MtrParmNrmLrnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_PullCompLrnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ReturnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ReturnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_StEndStpSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_StEndStpSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_StEndStpSrlComSvcDft_Cnt_lgc.value	Actual Value 1 -1 1 1 1 1 0 0 0 1 4.48000002 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Expected Value 1 -1 1 1 1 1 0 0 0 1 4.48000002 ± 0.000009 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	· · · · · · · · · · · · · · · · · · ·
	Name CDD_ModldxSrlComSvcDft_Cnt_G_u16 PrevMtrElecMechPolarity_Cnt_M_s08 tgt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc.value tgt_CDDInterface_Per4_DisableCEBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DownldAsstGain_Uls_f32.value tgt_CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTThermalSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_FricLmSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_FricLmSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HysAddSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HysCompSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_LimitSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MEC_Cnt_enum.value tgt_CDDInterface_Per4_MEC_Cnt_enum.value tgt_CDDInterface_Per4_MfgDiagInhibit_Cnt_lgc.value tgt_CDDInterface_Per4_MfgDiagInhibit_Cnt_lgc.value tgt_CDDInterface_Per4_MtrParmNrmLrnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MtrParmNrmLrnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MtrParmNrmLrnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MtltpnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MtltpnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_PullCompLrnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_PullCompLrnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ReturnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ReturnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ReturnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ReturnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ReturnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ReturnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ReturnSrlComSvcDft_Cnt_lgc.value tgt	Actual Value 1 -1 1 1 1 1 0 0 0 1 4.48000002 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Expected Value 1 -1 1 1 1 1 0 0 0 1 4.48000002 ± 0.000009 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	· · · · · · · · · · · · · · · · · · ·





Name	Actual Value	Expected Value	Result
tgt_CDDInterface_Per4_WIRMfgEnabled_Cnt_lgc.value	0	0	~

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Sa_CDDInterface_CDDPorts_ApplyMtrElecMechPol	1	Rte_Call_Sa_CDDInterface_CDDPorts_ApplyMtrElecMechPol	1	~

Test Step 2.14 (Repeat Count = 1)			4
Name	Input Value		Ť
CDD_BallNutTempEstDisableSvc_Cnt_G_lgc	0		
CDD_DftAsstTbl_Cnt_G_lgc	0		
CDD_DisableCEBusNormComm_Cnt_lgc	1		
CDD_DisableHSBusNormComm_Cnt_lgc	1		
CDD_DwnldAsstGain_Uls_G_f32	5.36000013		
CDD_EOLNxtrWIRSelect_Cnt_G_u16	7895		
CDD_EOLSrlComSvcDft_Cnt_G_b32	15429		
CDD_GenPosTrajEnableFlag_Cnt_G_lgc	0		
CDD_PullCompDisableSvc_Cnt_G_lgc	1		
CDD_PwrAsstModeSvc_Cnt_G_lgc	0		
CDD_SftEndStpDisableSvc_Cnt_G_lgc CDD_WIRDisableSvc_Cnt_G_lgc	1		
MfgDiagInhibit_Uls_G_lgc	0		
Nvm_CMEC_Cnt_u8	128		
NxtrMEC_UIs_G_enum	2		
PrevMtrElecMechPolarity Cnt M s08	-1		
Rte_Inst_Sa_CDDInterface	tgt_Rte_Inst_Sa_CDDInterface		
tgt_CDDInterface_Per4_MtrElecMechPolarity_Cnt_s08.value	1		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_BallNutTempEstSrlComSvcDft_	tgt_CDDInterface_Per4_BallNutTempEstSrl0	ComSvcDft_Cnt_lgc	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgradered and the comparison of the comparison $			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DftAsstTbl_Cnt_lgc	tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc		
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DisableCEBusNormComm_Cnnnnnnnnnnnnnnnnnnnnnnnnnnnnnnnnn$	tgt_CDDInterface_Per4_DisableCEBusNorm	Comm_Cnt_lgc	
tgt Rte Inst Sa CDDInterface.CDDInterface Per4 DisableHSBusNormComm Cn	tgt_CDDInterface_Per4_DisableHSBusNorm	Comm_Cnt_lgc	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface.CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface.CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface.CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface.CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface.CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_DrivingDynSrlComSvcDft_Dri$,		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DwnldAsstGain_Uls_f32	tgt_CDDInterface_Per4_DwnldAsstGain_Uls	_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_EOTThermalSrlComSvcDft_Cn			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_EngONSrlComSvcD		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_FreqDepDmpSrlComSvcDft_Ct tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_FricLrnSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_FreqDepDmpSrlCor tgt_CDDInterface_Per4_FricLrnSrlComSvcD		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_HysAddSrlComSvcDft_Cnt_lgc			
tgt Rte Inst Sa CDDInterface.CDDInterface Per4 HystCompSrlComSvcDft Cnt			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_KinIntDiagSrlComSvcDft_Cnt_I		,	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_LimitSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_LimitSrlComSvcDft_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MEC_Cnt_enum	tgt_CDDInterface_Per4_MEC_Cnt_enum		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MfgDiagInhibit_Cnt_lgc	tgt_CDDInterface_Per4_MfgDiagInhibit_Cnt_	_lgc	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ModIdxSrlComSvcDft_Cnt_lgc$	tgt_CDDInterface_Per4_ModIdxSrlComSvcD	Oft_Cnt_lgc	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MtrElecMechPolarity_Cnt_s08$	tgt_CDDInterface_Per4_MtrElecMechPolarity	y_Cnt_s08	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MtrParmNrmLrnSrlComSvcDft_Results (Supplied to the context of $	tgt_CDDInterface_Per4_MtrParmNrmLrnSrl0	ComSvcDft_Cnt_lgc	
$tgt \ \ Rte \ \ Inst \ \ Sa \ \ CDDInterface.CDDInterface \ \ Per4 \ \ MtrVelNrmLrnSrlComSvcDft \ \ ComSvcDft \ \ \ ComSvcDft \ \ \ ComSvcDft \ \ \ ComSvcDft \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MultIgnSrlComSvcDft_Cnt_Igc	tgt_CDDInterface_Per4_MultIgnSrlComSvcD	,	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_PosTrajEnable_Cnt_lgc	tgt_CDDInterface_Per4_PosTrajEnable_Cnt		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_PullCompLrnSrlComSvcDft_Cr			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_PullCompSrlComSvcDft_Cnt_lg			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ReturnSrlComSvcDft_Cnt_lgc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_RxMsgsSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_ReturnSrlComSvcD tgt_CDDInterface_Per4_RxMsgsSrlComSvcl		
tgt Rte Inst Sa CDDInterface.CDDInterface Per4 SftEndStpSrlComSvcDft Cnt I			
tgt Rte Inst Sa CDDInterface.CDDInterface Per4 SrlComSvcDft Cnt b32	tgt CDDInterface Per4 SrlComSvcDft Cnt		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ThermalDCSrlComSvcDft_Cnt		-	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_TrqRmpSrlComSvcDft_Cnt_Igc			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_WIRMfgEnabled_Cnt_lgc	tgt_CDDInterface_Per4_WIRMfgEnabled_Cr		
Name	Actual Value	Expected Value	Result
CDD_ModldxSrlComSvcDft_Cnt_G_u16	0	0	~
PrevMtrElecMechPolarity_Cnt_M_s08	1	1	•
tgt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_lgc.value	0	0	•
$tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc.value$	0	0	~
tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_DisableCEBusNormComm_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc.value	1	1	•
tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc.value		1	~
tgt_CDDInterface_Per4_DwnldAsstGain_Uls_f32.value	5.36000013	5.36000013 ± 0.000009	-

tgt_CDDInterface_Per4_WIRMfgEnabled_Cnt_lgc.value

CDDInterface_Per4

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Name	A stud Value	Europeta d Volus	Dalé
Name	Actual Value	Expected Value	Result
tgt_CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_lgc.value	0	0	V
tgt_CDDInterface_Per4_EOTThermalSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_FricLrnSrlComSvcDft_Cnt_lgc.value	0	0	✓
tgt_CDDInterface_Per4_HysAddSrlComSvcDft_Cnt_lgc.value	0	0	✓
tgt_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_lgc.value	0	0	✓
tgt_CDDInterface_Per4_KinIntDiagSrlComSvcDft_Cnt_lgc.value	1	1	✓
tgt_CDDInterface_Per4_LimitSrlComSvcDft_Cnt_lgc.value	0	0	✓
tgt_CDDInterface_Per4_MEC_Cnt_enum.value	2	2	✓
tgt_CDDInterface_Per4_MfgDiagInhibit_Cnt_lgc.value	0	0	✓
tgt_CDDInterface_Per4_ModIdxSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_MtrParmNrmLrnSrlComSvcDft_Cnt_lgc.value	0	0	✓
tgt_CDDInterface_Per4_MtrVelNrmLrnSrlComSvcDft_Cnt_lgc.value	1	1	✓
tgt_CDDInterface_Per4_MultIgnSrlComSvcDft_Cnt_lgc.value	0	0	✓
tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc.value	1	1	✓
tgt_CDDInterface_Per4_PosTrajEnable_Cnt_lgc.value	0	0	✓
tgt_CDDInterface_Per4_PullCompLrnSrlComSvcDft_Cnt_lgc.value	0	0	✓
tgt_CDDInterface_Per4_PullCompSrlComSvcDft_Cnt_lgc.value	1	1	✓
tgt CDDInterface Per4 ReturnSrlComSvcDft Cnt lgc.value	0	0	✓
tgt CDDInterface Per4 RxMsgsSrlComSvcDft Cnt lgc.value	0	0	✓
tgt CDDInterface Per4 SftEndStpSrlComSvcDft Cnt lgc.value	1	1	~
tgt CDDInterface Per4 SrlComSvcDft Cnt b32.value	15429	15429	✓
tgt CDDInterface Per4 ThermalDCSrlComSvcDft Cnt lgc.value	0	0	~
tgt CDDInterface Per4 TrgRmpSrlComSvcDft Cnt Igc.value	0	0	✓

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Sa_CDDInterface_CDDPorts_ApplyMtrElecMechPol	1	Rte_Call_Sa_CDDInterface_CDDPorts_ApplyMtrElecMechPol	1	~

0

0

Test Step 2.15 (Repeat Count = 1)	✓
Name	Input Value
CDD_BallNutTempEstDisableSvc_Cnt_G_lgc	1
CDD_DftAsstTbl_Cnt_G_lgc	1
CDD_DisableCEBusNormComm_Cnt_lgc	0
CDD_DisableHSBusNormComm_Cnt_lgc	0
CDD_DwnldAsstGain_Uls_G_f32	6.28000021
CDD_EOLNxtrWIRSelect_Cnt_G_u16	9658
CDD_EOLSrlComSvcDft_Cnt_G_b32	7897
CDD_GenPosTrajEnableFlag_Cnt_G_lgc	1
CDD_PullCompDisableSvc_Cnt_G_lgc	0
CDD_PwrAsstModeSvc_Cnt_G_lgc	1
CDD_SftEndStpDisableSvc_Cnt_G_lgc	0
CDD_WIRDisableSvc_Cnt_G_lgc	1
MfgDiagInhibit_Uls_G_lgc	1
Nvm_CMEC_Cnt_u8	201
NxtrMEC_Uls_G_enum	0
PrevMtrElecMechPolarity_Cnt_M_s08	1
Rte_Inst_Sa_CDDInterface	tgt_Rte_Inst_Sa_CDDInterface
tgt_CDDInterface_Per4_MtrElecMechPolarity_Cnt_s08.value	-1
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Starter = Starter = $	tgt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_lgc
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgradered and the state of the state$	tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DftAsstTbl_Cnt_lgc	tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DisableCEBusNormComm_Cnterface_Per4_DisableCEBUsNormComm_Cnterface_Per4_DisableCEBUsNormComm_Cnterface_Per4_DisableCEBUsNormC$	tgt_CDDInterface_Per4_DisableCEBusNormComm_Cnt_lgc
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DisableHSBusNormComm_Cnterface_Per4_DisableHSBusNormC$	tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc
$tgt \ \ Rte \ \ Inst \ \ Sa \ \ CDDInterface.CDDInterface \ \ Per4 \ \ DrivingDynSrlComSvcDft \ \ Cnt$	tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DwnldAsstGain_Uls_f32	tgt_CDDInterface_Per4_DwnldAsstGain_Uls_f32
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_Results (Section 1) and (Section 2) and (Section 2)$	tgt_CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_lgc
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_EOTThermalSrlComSvcDft_CndInt$	tgt_CDDInterface_Per4_EOTThermalSrlComSvcDft_Cnt_lgc
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc$	tgt_CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_FreqDepDmpSrlComSvcDft_Crresults and the property of the prop$	tgt_CDDInterface_Per4_FreqDepDmpSrlComSvcDft_Cnt_lgc
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_FricLrnSrlComSvcDft_Cnt_lgc$	tgt_CDDInterface_Per4_FricLrnSrlComSvcDft_Cnt_lgc
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_HysAddSrlComSvcDft_Cnt_lgc$	tgt_CDDInterface_Per4_HysAddSrlComSvcDft_Cnt_lgc
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_Inst_Sa_CDDInterface.CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_Inst_Sa_CDDInterface.CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_Inst_Sa_CDDInterface.CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_Inst_Sa_CDDInterface.CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_Inst_Sa_CDDInterface.CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_Inst_Sa_CDDInterface.CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_Inst_Sa_CDDInterface.CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_Inst_Sa_CDDInterface.CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_Inst_Sa_CDDInterface.CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_Inst_Sa_CDDInterface.CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_Inst_Sa_CDDInterface.CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_Inst_Sa_CDDInterface.CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_Inst_Sa_CDDInterface.CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_Inst_Sa_CDDInterface.CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_Inst_Sa_CDDInterface.CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_Inst_Sa_CDDInterface.CDD$	tgt_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_lgc
tgt Rte Inst Sa CDDInterface.CDDInterface Per4 KinIntDiagSrlComSvcDft Cnt I	tgt_CDDInterface_Per4_KinIntDiagSrlComSvcDft_Cnt_lgc
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_LimitSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_LimitSrlComSvcDft_Cnt_lgc
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MEC_Cnt_enum	tgt_CDDInterface_Per4_MEC_Cnt_enum
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MfgDiagInhibit_Cnt_lgc	tgt_CDDInterface_Per4_MfgDiagInhibit_Cnt_lgc
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ModldxSrlComSvcDft_Cnt_lgc$	tgt_CDDInterface_Per4_ModIdxSrlComSvcDft_Cnt_lgc

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Name	Input Value		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MtrElecMechPolarity_Cnt_s08	tgt_CDDInterface_Per4_MtrElecMechPolarity	/_Cnt_s08	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MtrParmNrmLrnSrlComSvcDft_	tgt_CDDInterface_Per4_MtrParmNrmLrnSrlC	comSvcDft_Cnt_lgc	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MtrVelNrmLrnSrlComSvcDft_Co$	tgt_CDDInterface_Per4_MtrVelNrmLrnSrlCor	mSvcDft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MultIgnSrlComSvcDft_Cnt_Igc	tgt_CDDInterface_Per4_MultIgnSrlComSvcD	ft_Cnt_lgc	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc$	tgt_CDDInterface_Per4_ParkAstSrlComSvcD	Oft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_PosTrajEnable_Cnt_lgc	tgt_CDDInterface_Per4_PosTrajEnable_Cnt_	_lgc	
tgt Rte Inst Sa CDDInterface.CDDInterface Per4 PullCompLrnSrlComSvcDft Cn	tgt_CDDInterface_Per4_PullCompLrnSrlCom	SvcDft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_PullCompSrlComSvcDft_Cnt_lg	tgt_CDDInterface_Per4_PullCompSrlComSvd	cDft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ReturnSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_ReturnSrlComSvcDf	t_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_RxMsgsSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_RxMsgsSrlComSvcE	Oft_Cnt_lgc	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_SftEndStpSrlComSvcDft_Cnt_l(a) = (CDDInterface_Per4_SftEndStpSrlComSvcDft_Cnt_l(a)) = (CD$	tgt_CDDInterface_Per4_SftEndStpSrlComSv	cDft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_SrlComSvcDft_Cnt_b32	tgt_CDDInterface_Per4_SrlComSvcDft_Cnt_	b32	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ThermalDCSrlComSvcDft_Cnt_Signature and the contract of the c$	tgt_CDDInterface_Per4_ThermalDCSrlComS	vcDft_Cnt_lgc	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_TrqRmpSrlComSvcDft_Cnt_lgc$	tgt_CDDInterface_Per4_TrqRmpSrlComSvcE	Dft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_WIRMfgEnabled_Cnt_lgc	tgt_CDDInterface_Per4_WIRMfgEnabled_Cn	ıt_lgc	
Name	Actual Value	Expected Value	Result
CDD_ModIdxSrlComSvcDft_Cnt_G_u16	1	1	~
PrevMtrElecMechPolarity Cnt M s08	-1	-1	~
tgt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_DisableCEBusNormComm_Cnt_lgc.value	0	0	✓
tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_DwnldAsstGain_Uls_f32.value	6.28000021	6.28000021 ± 0.000009	~
tgt_CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_EOTThermalSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_FricLrnSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_HysAddSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_lgc.value	0	0	✓
tgt_CDDInterface_Per4_KinIntDiagSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_LimitSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_MEC_Cnt_enum.value	0	0	~
tgt_CDDInterface_Per4_MfgDiagInhibit_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_ModIdxSrlComSvcDft_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_MtrParmNrmLrnSrlComSvcDft_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_MtrVelNrmLrnSrlComSvcDft_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_MultIgnSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_PosTrajEnable_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_PullCompLrnSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_PullCompSrlComSvcDft_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_ReturnSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_RxMsgsSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_SftEndStpSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_SrlComSvcDft_Cnt_b32.value	7897	7897	~
tgt_CDDInterface_Per4_ThermalDCSrlComSvcDft_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_TrqRmpSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_WIRMfgEnabled_Cnt_lgc.value	0	0	

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Sa_CDDInterface_CDDPorts_ApplyMtrElecMechPol	1	Rte_Call_Sa_CDDInterface_CDDPorts_ApplyMtrElecMechPol	1	~

Test Step 2.16 (Repeat Count = 1)	
Name	Input Value
CDD_BallNutTempEstDisableSvc_Cnt_G_lgc	0
CDD_DftAsstTbl_Cnt_G_lgc	0
CDD_DisableCEBusNormComm_Cnt_lgc	1
CDD_DisableHSBusNormComm_Cnt_lgc	1
CDD_DwnldAsstGain_Uls_G_f32	7.48000002
CDD_EOLNxtrWIRSelect_Cnt_G_u16	5879
CDD_EOLSrlComSvcDft_Cnt_G_b32	6869
CDD_GenPosTrajEnableFlag_Cnt_G_lgc	0
CDD_PullCompDisableSvc_Cnt_G_lgc	1
CDD_PwrAsstModeSvc_Cnt_G_lgc	0
CDD_SftEndStpDisableSvc_Cnt_G_lgc	1
CDD_WIRDisableSvc_Cnt_G_lgc	0

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Name	Input Value		
MfgDiagInhibit_Uls_G_lgc	0		
Nvm_CMEC_Cnt_u8	230		
NxtrMEC_UIs_G_enum	1		
PrevMtrElecMechPolarity_Cnt_M_s08 Rte_Inst_Sa_CDDInterface	tgt Rte Inst Sa CDDInterface		
tgt CDDInterface Per4 MtrElecMechPolarity Cnt s08.value	1		
tgt Rte Inst Sa CDDInterface.CDDInterface Per4 BallNutTempEstSrlComSvcDft	tgt_CDDInterface_Per4_BallNutTempEstSrlC	omSvcDft_Cnt_lgc	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgrams and the property of the proper$	tgt_CDDInterface_Per4_DampingSrlComSvcI		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DftAsstTbl_Cnt_lgc	tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DisableCEBusNormComm_Cnt			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DisableHSBusNormComm_Cnt			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_ tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DwnldAsstGain_Uls_f32	tgt_CDDInterface_Per4_DrivingDynSriComSv tgt_CDDInterface_Per4_DwnldAsstGain_Uls_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_	tgt_CDDInterface_Per4_EOTImpactSrlComS		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_EOTThermalSrlComSvcDft_Cn	tgt_CDDInterface_Per4_EOTThermalSrlCom		
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc$	tgt_CDDInterface_Per4_EngONSrlComSvcDf	ft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_FreqDepDmpSrlComSvcDft_Cr	tgt_CDDInterface_Per4_FreqDepDmpSrlCom		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_FricLrnSrlComSvcDft_Cnt_Igc	tgt_CDDInterface_Per4_FricLrnSrlComSvcDf		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_HysAddSrlComSvcDft_Cnt_lgc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_l	tgt_CDDInterface_Per4_HysAddSrlComSvcD tgt_CDDInterface_Per4_HystCompSrlComSv		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_KinIntDiagSrlComSvcDft_Cnt_li	tgt_CDDInterface_Per4_KinIntDiagSrlComSvi		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_LimitSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_LimitSrlComSvcDft_0		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MEC_Cnt_enum	tgt_CDDInterface_Per4_MEC_Cnt_enum		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MfgDiagInhibit_Cnt_lgc	tgt_CDDInterface_Per4_MfgDiagInhibit_Cnt_l		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ModidxSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_ModIdxSrlComSvcDf		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MtrElecMechPolarity_Cnt_s08 tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MtrParmNrmLrnSrlComSvcDft_	tgt_CDDInterface_Per4_MtrElecMechPolarity tgt_CDDInterface_Per4_MtrParmNrmLrnSrlC		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MtrVelNrmLrnSrlComSvcDft_Ci	tgt_CDDInterface_Per4_MtrVelNrmLrnSrlCon		
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$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc$	tgt_CDDInterface_Per4_ParkAstSrlComSvcD	ft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_PosTrajEnable_Cnt_lgc	tgt_CDDInterface_Per4_PosTrajEnable_Cnt_	lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_PullCompLrnSrlComSvcDft_Cn			
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tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_SrlComSvcDft_Cnt_b32	tgt_CDDInterface_Per4_SrlComSvcDft_Cnt_b	032	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ThermalDCSrlComSvcDft_Cnt_	tgt_CDDInterface_Per4_ThermalDCSrlComS		
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tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_TrqRmpSrlComSvcDft_Cnt_lgc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_WIRMfgEnabled_Cnt_lgc Name CDD_ModIdxSrlComSvcDft_Cnt_G_u16 PrevMtrElecMechPolarity_Cnt_M_s08 tgt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc.value tgt_CDDInterface_Per4_DisableCEBusNormComm_Cnt_lgc.value	tgt_CDDInterface_Per4_TrqRmpSrlComSvcD tgt_CDDInterface_Per4_WIRMfgEnabled_Cnr Actual Value 1 0 0 1 1	oft_Cnt_lgc t_lgc Expected Value 1 0 0 1	\rightarrow \right
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tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_TrqRmpSrlComSvcDft_Cnt_lgc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_WIRMfgEnabled_Cnt_lgc Name CDD_ModIdxSrlComSvcDft_Cnt_G_u16 PrevMtrElecMechPolarity_Cnt_M_s08 tgt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc.value tgt_CDDInterface_Per4_DisableCEBusNormComm_Cnt_lgc.value	tgt_CDDInterface_Per4_TrqRmpSrlComSvcD tgt_CDDInterface_Per4_WIRMfgEnabled_Cnr Actual Value 1 0 0 1 1	oft_Cnt_lgc t_lgc Expected Value 1 0 0 1	\rightarrow \right
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tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_TrqRmpSrlComSvcDft_Cnt_lgc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_WIRMfgEnabled_Cnt_lgc Name CDD_ModldxSrlComSvcDft_Cnt_G_u16 PrevMtrElecMechPolarity_Cnt_M_s08 tgt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc.value tgt_CDDInterface_Per4_DisableCEBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTThermalSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTThermalSrlComSvcDft_Cnt_lgc.value	tgt_CDDInterface_Per4_TrqRmpSrlComSvcD tgt_CDDInterface_Per4_WIRMfgEnabled_Cnr Actual Value 1 0 0 1 1 1 0 7.48000002 1 0 1	et_Cnt_lgc t_lgc Expected Value 1 1 0 0 0 1 1 1 0 7.48000002 ± 0.000009 1 0 1	\rightarrow \right
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tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_TrqRmpSrlComSvcDft_Cnt_lgc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_WIRMfgEnabled_Cnt_lgc Name CDD_ModldxSrlComSvcDft_Cnt_G_u16 PrevMtrElecMechPolarity_Cnt_M_s08 tgt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc.value tgt_CDDInterface_Per4_DisableCEBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DivingDynSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DivingDynSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTNermalSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_FricLrnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_FricLrnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_KinIntDiagSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MinIntDiagSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MinIntDiagSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MfgDiagInhibit_Cnt_lgc.value tgt_CDDInterface_Per4_MdldxSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MdldxSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ModldxSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ModldxSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ModldxSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MintParmNrmLrnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MintParmNrmLrnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MintParmNrmLrnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MintParmNrmLrnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MintParmNrmLrnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MintParmNrmLrnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MintParmNrmLrnSrlComSvcDft_Cnt_lgc.value	tgt_CDDInterface_Per4_TrqRmpSrlComSvcD tgt_CDDInterface_Per4_WIRMfgEnabled_Cni Actual Value 1 1 0 0 0 1 1 0 7.48000002 1 0 1 0 1 0 1 0 1 1 0 1 1	#ECnt_lgc t_lgc Expected Value 1 1 0 0 0 0 1 1 1 0 7.48000002 ± 0.000009 1 0 1 0 1 0 1 0 1 0 1 0 1 1 0 1 0	<i>y</i>
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_TrqRmpSrlComSvcDft_Cnt_lgc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_WIRMfgEnabled_Cnt_lgc Name CDD_ModldxSrlComSvcDft_Cnt_G_u16 PrevMtrElecMechPolarity_Cnt_M_s08 tgt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc.value tgt_CDDInterface_Per4_DisableCEBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTThermalSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTThermalSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_FricLrnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_FricLrnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HysAddSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_KinInttDiagSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_LimitSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MisplingInhibit_Cnt_lgc.value tgt_CDDInterface_Per4_ModldxSrlComSvcDft_Cnt_lgc.value	tgt_CDDInterface_Per4_TrqRmpSrlComSvcD tgt_CDDInterface_Per4_WIRMfgEnabled_Cni Actual Value 1 1 0 0 0 7.48000002 1 0 1 1	#ECnt_lgc t_lgc Expected Value 1 1 0 0 0 0 1 1 1 0 7.48000002 ± 0.000009 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1	<i>y</i>
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_TrqRmpSrlComSvcDft_Cnt_lgc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_WIRMfgEnabled_Cnt_lgc Name CDD_ModldxSrlComSvcDft_Cnt_G_u16 PrevMtrElecMechPolarity_Cnt_M_s08 tgt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc.value tgt_CDDInterface_Per4_DisableCBBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTInpactSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTThermalSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTThermalSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_FricLrnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HysComSyrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HysComSyrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HysComSyrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HintDiagSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MelC_Cnt_enum.value tgt_CDDInterface_Per4_MelC_Cnt_enum.value tgt_CDDInterface_Per4_ModldxSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ModldxSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ModldxSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ModldxSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ModldxSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MitryParmNrmLrmSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MitryParmNrmLrmSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MitryParmNrmLrmSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ModldxSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ModldxSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ModldxSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ModldxSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_Modlcace_Der4_Modlcace_Der4_Modlcace_Der4_Modlcace_Der4_Derace_Derace_Derace_Derace_Derace_Derac	tgt_CDDInterface_Per4_TrqRmpSrlComSvcD tgt_CDDInterface_Per4_WIRMfgEnabled_Cni Actual Value 1 1 0 0 0 7.48000002 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 0	#ECnt_lgc t_lgc Expected Value 1 1 0 0 0 0 1 1 1 0 7.48000002 ± 0.000009 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1	<i>y</i>
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_TrqRmpSrlComSvcDft_Cnt_lgc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_WIRMfgEnabled_Cnt_lgc Name CDD_ModldxSrlComSvcDft_Cnt_G_u16 PrevMtrElecMechPolarity_Cnt_M_s08 tgt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc.value tgt_CDDInterface_Per4_DisableCBBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTInpactSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTThermalSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTThermalSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_FricLrnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HysComSycDft_Cnt_lgc.value tgt_CDDInterface_Per4_HysComSyrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HysComSyrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HintDiagSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MelG_Cnt_enum.value tgt_CDDInterface_Per4_MfgDiagInhibit_Cnt_lgc.value tgt_CDDInterface_Per4_ModldxSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ModldxSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MtrParmNrmLrmSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MtrParmNrmLrmSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MtrParmNrmLrmSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MtltgnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MtltgnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc.value	tgt_CDDInterface_Per4_TrqRmpSrlComSvcD tgt_CDDInterface_Per4_WIRMfgEnabled_Cni Actual Value 1 1 0 0 0 7.48000002 1 0 1 1	#ECnt_lgc t_lgc Expected Value 1 1 0 0 0 0 1 1 1 0 7.48000002 ± 0.000009 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1	\rightarrow \right
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_TrqRmpSrlComSvcDft_Cnt_lgc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_WIRMfgEnabled_Cnt_lgc Name CDD_ModldxSrlComSvcDft_Cnt_G_u16 PrevMtrElecMechPolarity_Cnt_M_s08 tgt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc.value tgt_CDDInterface_Per4_DisableCBBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTInpactSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTThermalSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTThermalSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_FricLrnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HysComSyrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HysComSyrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HysComSyrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HintDiagSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MelC_Cnt_enum.value tgt_CDDInterface_Per4_MelC_Cnt_enum.value tgt_CDDInterface_Per4_ModldxSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ModldxSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ModldxSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ModldxSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ModldxSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MitryParmNrmLrmSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MitryParmNrmLrmSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MitryParmNrmLrmSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ModldxSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ModldxSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ModldxSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ModldxSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_Modlcace_Der4_Modlcace_Der4_Modlcace_Der4_Modlcace_Der4_Derace_Derace_Derace_Derace_Derace_Derac	tgt_CDDInterface_Per4_TrqRmpSrlComSvcD tgt_CDDInterface_Per4_WIRMfgEnabled_Cni Actual Value 1 1 0 0 0 7.48000002 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 1	#ECnt_lgc t_lgc Expected Value 1 1 0 0 0 0 1 1 1 0 7.48000002 ± 0.000009 1 0 1 0 1 0 1 0 1 1 0 1 0 1 1 0 1 1 0 1 1 0 1 1 1 0 1 1 1 1 1 0 1 1 1 1 1 0 1 1 1 1 1 0 1 1 1 1 1 0 1 1 1 1 1 0 1 1 1 1 1 0 1 1 1 1 1 0 1 1 1 1 1 0 1 1 1 1 1 0 1 1 1 1 1 0 1 1 1 1 0 1 1 1 1 0 1 1 1 1 0 1 1 1 1 0 1 1 1 1 0 1 1 1 0 1 1 1 1 0 1 1 1 0 1 1 1 0 1 1 1 0 1 1 1 0 1 1 0 1 1 0 1 1 0 1 1 0 1 1 0 1 1 0 1 1 0 1 1 0 1 1 0 1 1 0 1 1 0 1 1 0 1 1 0 1 1 0 1 1 0 1 1 0 1 0 1 1 0 1 1 0 1 1 0 1 1 0 1 1 0 1 1 0 1 1 0 1 1 0 1 1 0 1 1 0 1 0 1 1 1 1 0 1 1 1 0 1 1 1 1 0 1 1 1 1 0 1 1 1 1 0 1 1 1 1 0 1 1 1 1 1 0 1 1 1 1 1 1 0 1	<i>y</i>
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_TrqRmpSrlComSvcDft_Cnt_lgc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_WIRMfgEnabled_Cnt_lgc Name CDD_ModldxSrlComSvcDft_Cnt_G_u16 PrevMtrElecMechPolarity_Cnt_M_s08 tgt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc.value tgt_CDDInterface_Per4_DisableCBBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTInpactSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTThermalSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_FricLrnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_FricLrnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HintDiagSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MfgDiagInhibit_Cnt_lgc.value tgt_CDDInterface_Per4_MfgDiagInhibit_Cnt_lgc.value tgt_CDDInterface_Per4_ModldxSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MtrParmNrmLrnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MtrParmNrmLrnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MtrParmNrmLrnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MtrParmNrmLrnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MtrParmNrmLrnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MtrParmNrmLrnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_RullCompLrnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_RullCompLrnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_RullCompLrnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_RullCompLrnSrlComSvcDft_Cnt_lgc.value	tgt_CDDInterface_Per4_TrqRmpSrlComSvcD tgt_CDDInterface_Per4_WIRMfgEnabled_Cni Actual Value 1 1 0 0 0 7.48000002 1 0 1 0 0 1 1 0 1 1	#t_Cnt_lgc t_lgc Expected Value 1 1 0 0 0 0 1 1 1 0 7.48000002 ± 0.000009 1 0 1 0 1 0 1 0 1 1 0 1 0 1 0 1 0	\rightarrow \right
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_TrqRmpSrlComSvcDft_Cnt_lgc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_WIRMfgEnabled_Cnt_lgc Name CDD_ModldxSrlComSvcDft_Cnt_G_u16 PrevMtrElecMechPolarity_Cnt_M_s08 tgt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc.value tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc.value tgt_CDDInterface_Per4_DisableCEBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DivingDynSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_FreqDepDmpSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_FreqDepDmpSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HysAddSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HysAddSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HysCompSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MinIntDiagSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MfgDiagInhibit_Cnt_lgc.value tgt_CDDInterface_Per4_MfgDiagInhibit_Cnt_lgc.value tgt_CDDInterface_Per4_MfyDiagnhibit_Cnt_lgc.value tgt_CDDInterface_Per4_MtrVeNrmLrmSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MtrVeNrmLrmSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MtrVeNrmLrmSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MtrVeNrmLrmSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MtrVeNrmLrmSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MtrVeNrmLrmSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MtrVeNrmLrmSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ReturnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ReturnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ReturnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ReturnSrlComSvcDft_Cnt_lgc.value	tgt_CDDInterface_Per4_TrqRmpSrlComSvcD tgt_CDDInterface_Per4_WIRMfgEnabled_Cni Actual Value 1 1 0 0 0 0 1 1 1 0 7.48000002 1 0 0 1 0 0 1 1 0 1 0 1 0 0 1 1 0 1 0	#ECNT_IgC t_IgC Expected Value 1 1 0 0 0 0 1 1 1 0 7.48000002 ± 0.000009 1 0 1 0 0 1 0 1 1 0 1 0 1 0 1 0 1	\rightarrow \right





Name	Actual Value	Expected Value	Result
tgt_CDDInterface_Per4_ThermalDCSrlComSvcDft_Cnt_lgc.value	0	0	✓
tgt_CDDInterface_Per4_TrqRmpSrlComSvcDft_Cnt_lgc.value	0	0	✓
tgt CDDInterface Per4 WIRMfgEnabled Cnt lgc.value	0	0	✓

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Sa_CDDInterface_CDDPorts_ApplyMtrElecMechPol	1	Rte_Call_Sa_CDDInterface_CDDPorts_ApplyMtrElecMechPol	1	~

Test Step 2.17 (Repeat Count = 1)			*
Name	Input Value		
CDD_BallNutTempEstDisableSvc_Cnt_G_lgc	1		
CDD_DftAsstTbl_Cnt_G_lgc	1		
CDD_DisableCEBusNormComm_Cnt_lgc	0		
CDD_DisableHSBusNormComm_Cnt_lgc	0		
CDD_DwnldAsstGain_Uls_G_f32	8.85999966		
CDD_EOLNxtrWIRSelect_Cnt_G_u16	6584		
CDD_EOLSrlComSvcDft_Cnt_G_b32	4587		
CDD_GenPosTrajEnableFlag_Cnt_G_lgc	1		
CDD_PullCompDisableSvc_Cnt_G_lgc	0		
CDD_PwrAsstModeSvc_Cnt_G_lgc	1		
CDD_SftEndStpDisableSvc_Cnt_G_lgc	0		
CDD_WIRDisableSvc_Cnt_G_lgc	0		
MfgDiagInhibit_UIs_G_lgc	1		
Nvm_CMEC_Cnt_u8	147		
NxtrMEC_UIs_G_enum	2		
PrevMtrElecMechPolarity_Cnt_M_s08	-1		
Rte_Inst_Sa_CDDInterface	tgt_Rte_Inst_Sa_CDDInterface		
tgt_CDDInterface_Per4_MtrElecMechPolarity_Cnt_s08.value	-1		
tgt Rte Inst Sa CDDInterface.CDDInterface Per4 BallNutTempEstSrlComSvcDft		ComSvcDft Cnt lac	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lg			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DftAsstTbl_Cnt_lgc	tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DisableCEBusNormComm_Cn		Comm Cnt lac	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DisableHSBusNormComm_Cn			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DwnldAsstGain_Uls_f32	tgt_CDDInterface_Per4_DwnldAsstGain_Uls	,	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_EOTThermalSrlComSvcDft_Cn			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_EngONSrlComSvcD		
tgt Rte Inst Sa CDDInterface.CDDInterface Per4 FreqDepDmpSrlComSvcDft Ci			
tgt Rte Inst Sa CDDInterface.CDDInterface Per4 FricLrnSrlComSvcDft Cnt Igc	tgt_CDDInterface_Per4_FricLrnSrlComSvcD		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_HysAddSrlComSvcDft_Cnt_lgc			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_KinIntDiagSrlComSvcDft_Cnt_I			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_LimitSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_LimitSrlComSvcDft_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MEC_Cnt_enum	tgt_CDDInterface_Per4_MEC_Cnt_enum	.on_ige	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MfgDiagInhibit_Cnt_lgc	tgt_CDDInterface_Per4_MfgDiagInhibit_Cnt_	lac	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ModidxSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_ModIdxSrlComSvcD		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MtrElecMechPolarity_Cnt_s08	tgt_CDDInterface_Per4_MtrElecMechPolarity		
tgt Rte Inst Sa CDDInterface.CDDInterface Per4 MtrParmNrmLrnSrlComSvcDft			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MtrVelNrmLrnSrlComSvcDft_C		·	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MultignSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_MultIgnSrlComSvcD		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_PosTrajEnable_Cnt_lgc	tgt_CDDInterface_Per4_PosTrajEnable_Cnt		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_PullCompLrnSrlComSvcDft_Cr			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_PullCompSrlComSvcDft_Cnt_kg			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ReturnSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_ReturnSrlComSvcDf		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_RxMsgsSrlComSvcDft_Cnt_Igo			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_SftEndStpSrlComSvcDft_Cnt_I			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_SrlComSvcDft_Cnt_b32	tgt_CDDInterface_Per4_SrlComSvcDft_Cnt_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ThermalDCSrlComSvcDft_Cnt_			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_TrqRmpSrlComSvcDft_Cnt_lgc			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_WIRMfgEnabled_Cnt_lgc	tgt_CDDInterface_Per4_WIRMfgEnabled_Cr	nt_lgc	
Name	Actual Value	Expected Value	Resul
CDD_ModldxSrlComSvcDft_Cnt_G_u16	0	0	•
PrevMtrElecMechPolarity_Cnt_M_s08	-1	-1	•
$tgt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_lgc.value$	1	1	•
tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc.value	0	0	•
tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc.value	1	1	•
tgt_CDDInterface_Per4_DisableCEBusNormComm_Cnt_lgc.value	0	0	•

 $tgt_CDDInterface_Per4_TrqRmpSrlComSvcDft_Cnt_lgc.value$

 $tgt_CDDInterface_Per4_WIRMfgEnabled_Cnt_lgc.value$

CDDInterface_Per4

2015-02-18, 15:45:12+0530



Actual Value **Expected Value** $tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc.value$ 0 tgt_CDDInterface_Per4_DwnldAsstGain_Uls_f32.value 8.85999966 8.85999966 ± 0.000009 $tgt_CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_lgc.value$ 0 0 $tgt_CDDInterface_Per4_EOTThermalSrlComSvcDft_Cnt_lgc.value$ tgt_CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc.value 1 $tgt_CDDInterface_Per4_FreqDepDmpSrlComSvcDft_Cnt_lgc.value$ tgt_CDDInterface_Per4_FricLrnSrlComSvcDft_Cnt_lgc.value 0 0 $tgt_CDDInterface_Per4_HysAddSrlComSvcDft_Cnt_lgc.value$ n n $tgt_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_lgc.value$ 0 0 $tgt_CDDInterface_Per4_KinIntDiagSrlComSvcDft_Cnt_lgc.value$ n n tgt_CDDInterface_Per4_LimitSrlComSvcDft_Cnt_lgc.value 0 0 tgt_CDDInterface_Per4_MEC_Cnt_enum.value 2 2 tgt_CDDInterface_Per4_MfgDiagInhibit_Cnt_lgc.value 1 $tgt_CDDInterface_Per4_ModIdxSrlComSvcDft_Cnt_lgc.value$ n n tgt_CDDInterface_Per4_MtrParmNrmLrnSrlComSvcDft_Cnt_lgc.value $tgt_CDDInterface_Per4_MtrVelNrmLrnSrlComSvcDft_Cnt_lgc.value$ $tgt_CDDInterface_Per4_MultIgnSrlComSvcDft_Cnt_lgc.value$ 0 0 tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc.value 1 $tgt_CDDInterface_Per4_PosTrajEnable_Cnt_lgc.value$ 1 tgt_CDDInterface_Per4_PullCompLrnSrlComSvcDft_Cnt_lgc.value 0 0 $tgt_CDDInterface_Per4_PullCompSrlComSvcDft_Cnt_lgc.value$ 0 0 tgt_CDDInterface_Per4_ReturnSrlComSvcDft_Cnt_lgc.value 0 0 $tgt_CDDInterface_Per4_RxMsgsSrlComSvcDft_Cnt_lgc.value$ 0 0 tgt_CDDInterface_Per4_SftEndStpSrlComSvcDft_Cnt_lgc.value 0 0 tgt_CDDInterface_Per4_SrlComSvcDft_Cnt_b32.value 4587 4587 $tgt_CDDInterface_Per4_ThermalDCSrlComSvcDft_Cnt_lgc.value$

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
none	0	*** No Call Expected ***	0	~

1

0

1

0

Input Value	Test Step 2.18 (Repeat Count = 1) ✓			
CDD_BallNutTempEstDisableSvc_Cnt_G_lgc		Input Value		
CDD_DisableCEBusNormComm_Cnt_lgc		•		
CDD_Disable(EBusNormComm_Cnt_lgc				
1				
CDD_DwnIdAsstGain_Uls_G_f32 9.77999973 CDD_EOLNxtWIRSelect_Cnt_G_u16 4785 CDD_EOLSrtComSvcDft_Cnt_G_b32 3658 CDD_GenPostTrajEnableFlag_Cnt_G_lgc 0 CDD_PullCompDisableSvc_Cnt_G_lgc 0 CDD_PullCompDisableSvc_Cnt_G_lgc 0 CDD_SfEndStpDisableSvc_Cnt_G_lgc 0 CDD_SfEndStpDisableSvc_Cnt_G_lgc 0 CDD_WiRSstModeSvc_Cnt_G_lgc 1 MfgDiagInhibit_Uls_G_lgc 0 MfgDiagInhibit_Uls_G_lgc 0 MfgDiagInhibit_Uls_G_lgc 0 Nvm_CMEC_Ont_u8 0 Nvm_CMEC_Ont_u8 0 Nvm_CMEC_Ont_u8 0 Nvm_CMEC_Ont_u8 0 Nvm_EMEC_Uls_G_enum 0 PrevMtrEleoMechPolarity_Cnt_M_s08 1 Rte_Inst_Sa_CDDInterface tyt_Cnt_M_s08 1 Rte_Inst_Sa_CDDInterface CDDInterface Per4_BallNutTempEstSrtComSvcDft_ttyt_Gtt_Rte_Inst_Sa_CDDInterface Per4_BallNutTempEstSrtComSvcDft_ttyt_Gtt_Rte_Inst_Sa_CDDInterface Per4_DisableCEBusNormComm_Cnt_ttyt_Gtt_Rte_Inst_Sa_CDDInterface CDDInterface Per4_DisableCEBusNormComm_Cnt_ttyt_Gtt_Rte_Inst_Sa_CDDInterface Per4_DisableCEBusNormComm_Cnt_ttyt_Gtt_Rte_Inst_Sa_CDDInterface Per4_DisableCEBusNormComm_Cnt_ttyt_Gtt_Rte_Inst_Sa_CDDInterface Per4_DounldAsstGain_Uls_f32 tyt_Rte_Inst_Sa_CDDInterface CDDInterface Per4_DounldAsstGain_Uls_f32 tyt_Rte_Inst_Sa_CDDInterface CDDInterface Per4_EOTImpactSrtComSvcDft_Cnt_ttyt_Gtt_Rte_Inst_Sa_CDDInterface Per4_EOTImpactSrtComSvcDft_Cnt_ttyt_Gtt_Rte_Inst_Sa_CDDInterface Per4_EOTImpactSrtComSvcDft_Cnt_ttyt_Gtt_Rte_Inst_Sa_CDDInterface Per4_EOTImpactSrtComSvcDft_Cnt_ttyt_Gtt_Rte_Inst_Sa_CDDInterface Per4_EOTImpactSrtComSvcDft_Cnt_ttyt_Gtt_Rte_Inst_Sa_CDDInterface Per4_EOTImpactSrtComSvcDft_Cnt_ttyt_Gtt_Rte_Inst_Sa_CDDInterface Per4_EOTImpactSrtComSvcDft_Cnt_ttyt_Gtt_CDDInterface Per4_EngONSrtComSvcDft_Cnt_ttyt_Gtt_CDDInterface Per4_EngONSrtComSvcDft_Cnt_ttyt_Gtt_CDDInterface Per4_EngONSrtComSvcDft_Cnt_ttyt_Gtt_CDDInterface_Per4_FreqDepDmpSrtComSvcDft_Cnt_ttyt_Gtt_CDDInterface_Per4_FreqDepDmpSrtComSvcDft_Cnt_ttyt_Gtt_CDDInterface_Per4_FreqDepDmpSrtComSvcDft_Cnt_ttyt_Gtt_CDDInterface_Per4_FreqDepDmpSrtComSvcDft_Cnt_ttyt_Gtt_CDDInterface_Per4_FreqDepDmpSrtComSvcDft_Cnt_ttyt_Gtt_CDDInterface_Per4_FreqDepDmpSrtC				
CDD_EOLNxtWIRSelect_Cnt_G_u16 CDD_EOLSriComSvcDft_Cnt_G_b32 3658 CDD_EolPulCompDisableSvc_Cnt_G_lgc CDD_PulCompDisableSvc_Cnt_G_lgc CDD_StEndStpDisableSvc_Cnt_G_lgc CDD_StEndStpDisableSvc_Cnt_G_lgc CDD_StEndStpDisableSvc_Cnt_G_lgc 1 MgDiagInhibit_Uls_G_lgc Nm_CMEC_Cnt_u8 NxtMEC_Uls_G_enum 0 NxtMEC_Uls_G_enum 0 NxtMEC_Uls_G_enum 1 Clp_tel_inst_Sa_CDDInterface 1 Lgt_Rte_Inst_Sa_CDDInterface.CDDInterface Per4_BallNutTempEstSriComSvcDft_Cnt_igc Lgt_Rte_Inst_Sa_CDDInterface.CDDInterface Per4_DisableCEBusNormComm Cnt lgt_Rte_Inst_Sa_CDDInterface.CDDInterface Per4_DisableCEBusNormComm Cnt_Igc ltgt_Rte_Inst_Sa_CDDInterface.CDDInterface Per4_Dinterface.CDDInterface Per4_Dinterface.CDDInterface Per4_Dinterface.CDDInterface Per4_Dinterface.CDDInterface Per4_Dinterface.CDDInterface Per4_Dinterface.CDDInterface Per4_Dinterface.CDDInterface.CDDInterface Per4_EOTThemaslicComSvcDft_Cnt_Igc ltgt_Rte_Inst_Sa_CDDInterface.CDDInterface Per4_EOTThemaslicComSvcDft_Cnt_Igc ltgt_Rte_Inst_Sa_CDDInterface.CDDInterface Per4_EOTThemaslicComSvcDft_Cnt_Igc ltgt_Rte_Inst_Sa_CDDInterface.CDDInterface.Per4_EOTThemaslicComSvcDft_Cnt_Igc ltgt_CDDInterface.Per4_EOTDhemaslicComSvcDft_Cnt_Igc ltgt_CDDInterface.Per4_EOTDhemaslicComSvcDft_Cnt_Igc ltgt_CD				
CDD_EOLSriComSvcDft_Cnt_G_b32 CDD_GenPosTrajEnableFlag_Cnt_G_lgc CDD_PWRAsstModeSvc_Cnt_G_lgc CDD_SftEndStpDisableSvc_Cnt_G_lgc CDD_SftEndStpDisableSvc_Cnt_G_lgc CDD_WRDisableSvc_Cnt_G_lgc CDD_WRDisableSvc_Cnt_G_lgc 1 CDD_WRDisableSvc_Cnt_G_lgc 1 MgDiagInhibit_Uls_G_lgc 0 Nxt/MEC_Uls_G_enum 0 PrevMrElecMechPolarity_Cnt_M_s08 Rte_Inst_Sa_CDDInterface Per4_MrElecMechPolarity_Cnt_s08.value tgt_CDDInterface_Per4_MrElecMechPolarity_Cnt_s08.value tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DftAsstTbl_Cnt_lgc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DisableCEBusNormComm_Cnt_ tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DisableHSBusNormComm_Cnt_ tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DisableHSBusNormComm_Cnt_ tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DisableHSBusNormComm_Cnt_ tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DisableHSBusNormComm_Cnt_ tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DisableHSBusNormComm_Cnt_ tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DisableHSBusNormComm_Cnt_ tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DisableHSBusNormComm_Cnt_ tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_ tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_ tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_ tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_ tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_ tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_ tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_ tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_ tgt_CDDInterface_Per4_DisableHSBusNormComsvcDft_Cnt_ tgt_CDDInterface_Per4_DisableHSBusNormComsvcDft_Cnt_ tgt_CDDInterface_Per4_DosNsvcDft_Cnt_ tgt_CDDInterface_Per4_DosNsvcDft_Cnt_ tgt_CDDInterface_Per4_EOTThermalSrlComsvcDft_Cnt_ tgt_CDDInterface_Per4_EOTThermalSrlComsvcDft_Cnt_ tgt_CDDInterface_Per4_EOTThermalSrlComsvcDft_Cnt_ tgt_CDDInterface_Per4_EOTThermalSrlComsvcDft_Cnt_ tgt_CDDInterface_Per4_EOTThermalSrlComsvcDft_Cnt_ tgt_CDDInterface_Per4_EOTThermalSrlComsvc				
CDD_GenPosTrajEnableFlag_Cnt_G_lgc CDD_PullCompDisableSvc_Cnt_G_lgc CDD_WrAsstModeSvc_Cnt_G_lgc CDD_StEndStpDisableSvc_Cnt_G_lgc CDD_StEndStpDisableSvc_Cnt_G_lgc CDD_WRSstModeSvc_Cnt_G_lgc CDD_WRSstModeSvc_Cnt_G_lgc 1 CDD_WRDisableSvc_Cnt_G_lgc 1 MfgDiaglinhibit_Uls_G_lgc 0 Nvm_CMEC_Cnt_u8 Nxt/MEC_Uls_G_enum 0 Nxt/MEC_Uls_G_enum 1 Rte_Inst_Sa_CDDInterface tgt_CDDInterface tgt_CDDInterface tgt_CDDInterface tgt_CDDInterface tgt_CDDInterface tgt_CDDInterface per4_MrtElecMechPolarity_Cnt_s08.value tgt_Rte_Inst_Sa_CDDInterface.CDDInterface Per4_BallNutTempEstSrlComSvcDft_ tgt_Rte_Inst_Sa_CDDInterface.CDDInterface Per4_DampingsrlComSvcDft_Cnt_lgc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface Per4_DisableCEBusNormComm Cnt tgt_Rte_Inst_Sa_CDDInterface.CDDInterface Per4_DisableHSBusNormComm_Cnt. tgt_CDDInterface Per4_DisableHSBusNormComm_Cnt. tgt_CDDInterface Per4_DisableHSBusNormComm_Cnt. tgt_CDDInterface Per4_DisableHSBusNormComm_Cnt. tgt_CDDInterface Per4_DivingDynSrlComSvcDft_Cnt. tgt_CDDInterface Per4_DivingDynSrlComSvcDft_Cnt. tgt_CDDInterface Per4_DivingDynSrlComSvcDft_Cnt. tgt_CDDInterface Per4_DivingDynSrlComSvcDft_Cnt. tgt_CDDInterface Per4_DivingDynSrlComSvcDft_Cnt. tgt_CDDInterface Per4_DivingDynSrlComSvcDft_Cnt. tgt_CDDInterface Per4_EOTTnemalSrlComSvcDft_Cnt. tgt_CDDInterface Per4_EOTTnemalSrlComSvcDft_Cnt. tgt_CDDInterface Per4_EOTTnemalSrlComSvcDft_Cnt. tgt_CDDInterface Per4_EOTTnemalSrlComSvcDft_Cnt. tgt_CDDInterface Per4_EOTTnemalSrlComSvcDft_Cnt. tgt_CDDInterface Per4_EOTTnemalSrlComSvcDft_Cnt. tgt_CDDInterface Per4_EOTTnemalSrl				
CDD_PurkastModeSvc_Cnt_G_lgc CDD_SfEndStpDisableSvc_Cnt_G_lgc CDD_SfEndStpDisableSvc_Cnt_G_lgc 1 MgDisaglnibit_Uls_G_lgc 0 Nvm_CMEC_Cnt_u8 Nvtm_CMEC_Cnt_u8 0 NvtmElecMechPolarity_Cnt_M_s08 1 Rte_Inst_Sa_CDDInterface Per4_MItElecMechPolarity_Cnt_s08.value tgt_Rte_Inst_Sa_CDDInterface.CDDInterface Per4_BallNutTempEstSrlComSvcDft_cnt_lgc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface Per4_DisableHSBusNormComm_Cnt_lgc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface Per4_DisableHSBusNormComm_Cnt_lgc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface Per4_DivingDynSrlComSvcDft_Cnt_tgt tgt_Rte_Inst_Sa_CDDInterface.CDDInterface Per4_EngoNSrlComSvcDft_Cnt_tgt tgt_Rte_Inst_Sa_CDDInterface.CDDInterface Per4_EngoNSrlComSvcDft_Cnt_tgt tgt_Rte_Inst_Sa_CDDInterface.CDDInterface Per4_EngoNSrlComSvcDft_Cnt_tgt tgt_CDInterface_Per4_DivingDynSrlComSvcDft_Cnt_tgt tgt_CDInterface_Per4_DivingDynSrlComSvcDft_Cnt_tgt tgt_CDInterface_Per4_DivingDynSrlComSvcDft_Cnt_tgt tgt_CDInterface_Per4_EntympactSrlComSvcDft_Cnt_tgt tgt_CDInterface_Per4_EntympactSrlComSvcDft_Cnt_tgt tgt_CDInterface_Per4_EntympactSrlComSvcDft_Cnt_tgt tgt_CDInterface_Per4_EntympactSrlComSvcDft_Cnt_tgt tgt_CDInterface_Per4_EntympactSrlComSvcDft_Cnt_tgt tgt_CDInterface_Per4_EntympactSrlComSvcDft_Cnt_tgt tgt_CDInterface_Per4_EntympactSrlComSvcDft_Cnt_tgt tgt_CDInterface_Per4_EntympactSrlComSvcDft_Cnt_tgt tgt_CDInterface_Per4_EntympactSrlComSvcDft_Cnt				
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tgt_Rte_Inst_Sa_CDDInterface.CDDInterface Per4_DftAsstTbl_Cnt_lgc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface Per4_DisableCEBusNormComm_Cnt tgt_Rte_Inst_Sa_CDDInterface.CDDInterface.Per4_DisableHSBusNormComm_Cnt tgt_Rte_Inst_Sa_CDDInterface.CDDInterface.Per4_DisableHSBusNormComm_Cnt tgt_Rte_Inst_Sa_CDDInterface.CDDInterface.Per4_DrivingDynSrlComSvcDft_Cnt_ tgt_Rte_Inst_Sa_CDDInterface.CDDInterface.Per4_DrivingDynSrlComSvcDft_Cnt_ tgt_Rte_Inst_Sa_CDDInterface.CDDInterface.Per4_EOTImpactSrlComSvcDft_Cnt_ tgt_Rte_Inst_Sa_CDDInterface.CDDInterface.Per4_EOTImpactSrlComSvcDft_Cnt_ tgt_Rte_Inst_Sa_CDDInterface.CDDInterface.Per4_EOTImpactSrlComSvcDft_Cnt_ tgt_Rte_Inst_Sa_CDDInterface.CDDInterface.Per4_EngONSrlComSvcDft_Cnt_ tgt_Rte_Inst_Sa_CDDInterface.CDDInterface.Per4_EngONSrlComSvcDft_Cnt_ tgt_CDDInterface.Per4_DrivingDynSrlComSvcDft_Cnt_ tgt_CDDInterface.Per4_EOTImpactSrlComSvcDft_Cnt_ tgt_CDDInterface.Per4_EOTImpactSrlComSvcDft_Cnt_ tgt_CDDInterface.Per4_EngONSrlComSvcDft_Cnt_ tgt_CDDInterface.Per4_DrivingDynSrlComSvcDft_Cnt_ tgt_CDDInterface.P				
tot Rte Inst Sa CDDInterface.CDDInterface Per4 DisableCEBusNormComm Cnt tgt_CDDInterface.CDDInterface_Per4_DisableHSBusNormComm_Cnt tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt tgt_CDDInterface_Per4_DisableHSBus				
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DisableHSBusNormComm_Cnt tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_tgt_Rte_Inst_Sa_CDDInterface_Per4_DwnldAsstGain_Uls_f32 tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_tgt_Rte_Inst_Sa_CDDInterface_Per4_EOTThermalSrlComSvcDft_Cnt_tgt_Rte_Inst_Sa_CDDInterface_Per4_EngONSrlComSvcDft_Cnt_tgt_Rte_Inst_Sa_CDDInterface_Per4_EngONSrlComSvcDft_Cnt_tgt_Rte_Inst_Sa_CDDInterface_Per4_EngONSrlComSvcDft_Cnt_tgt_tgt_Rte_Inst_Sa_CDDInterface_Per4_FreqDepDmpSrlComSvcDft_Cnt_tgt_tgt_CDDInterface_Per4_FreqDepDmpSrlComSvcDft_Cnt_tgt_Rte_Inst_Sa_CDDInterface_Per4_FreqDepDmpSrlComSvcDft_Cn				
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_EOTThermalSrlComSvcDft_Cnt_tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_EngONSrlComSvcDft_Cnt_tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_EngONSrlComSvcDft_Cnt_tgt_tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_EngONSrlComSvcDft_Cnt_tgt_tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_FreqDepDmpSrlComSvcDft_Cnt_tgt_tgt_CDDInterface_Per4_FreqDepDmpSrlComSvcDft_Cnt_tgt_tgt_CDDInterface_Per4_FreqDepDmpSrlComSvcDft_Cnt_tgt_CDDI				
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DwnldAsstGain_Uls_f32 tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_ tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_ tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_ tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_FreqDepDmpSrlComSvcDft_Crt_ tgt_CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc tgt_CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc tgt_CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc tgt_CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc tgt_CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc				
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_tgt_CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_tgt_CDDInterface.CDDInterface_Per4_EOTThermalSrlComSvcDft_Cnt_tgt_CDDInterface_Per4_EOTThermalSrlComSvcDft_Cnt_tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_EngONSrlComSvcDft_Cnt_tgt_tgt_CDDInterface_Per4_EngONSrlComSvcDft_Cnt_tgt_CDDInterface_Per4_Eng				
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_EOTThermalSrlComSvcDft_Cnt_tgt_CDDInterface_Per4_EOTThermalSrlComSvcDft_Cnt_tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_EngONSrlComSvcDft_Cnt_tgt_tgt_CDDInterface_Per4_EngONSrlComSvcDft_Cnt_tg				
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_FreqDepDmpSrlComSvcDft_Cr tgt_CDDInterface_Per4_FreqDepDmpSrlComSvcDft_Cnt_lgc				
	tgt Rte Inst Sa CDDInterface.CDDInterface Per4 EngONSrlComSvcDft Cnt lgc			
	tgt Rte Inst Sa CDDInterface.CDDInterface Per4 FreqDepDmpSrlComSvcDft Cr	tgt CDDInterface Per4 FreqDepDmpSrlComSvcDft Cnt lgc		
tgt Rte Inst Sa CDDInterface.CDDInterface Per4 FricLrnSrlComSvcDft Cnt Igc tgt CDDInterface Per4 FricLrnSrlComSvcDft Cnt Igc	tgt Rte Inst Sa CDDInterface.CDDInterface Per4 FricLrnSrlComSvcDft Cnt lgc	tgt CDDInterface Per4 FricLrnSrlComSvcDft Cnt lgc		
tgt Rte Inst Sa CDDInterface.CDDInterface Per4 HysAddSrlComSvcDft Cnt lgc tgt CDDInterface Per4 HysAddSrlComSvcDft Cnt lgc	tgt Rte Inst Sa CDDInterface.CDDInterface Per4 HysAddSrlComSvcDft Cnt Igc	tgt CDDInterface Per4 HysAddSrlComSvcDft Cnt lgc		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_I_tgt_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_Igc	tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_I	tgt_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_lgc		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_KinIntDiagSrlComSvcDft_Cnt_It_tgt_CDDInterface_Per4_KinIntDiagSrlComSvcDft_Cnt_lgc	tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_KinIntDiagSrlComSvcDft_Cnt_le	tgt_CDDInterface_Per4_KinIntDiagSrlComSvcDft_Cnt_lgc		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_LimitSrlComSvcDft_Cnt_lgc tgt_CDDInterface_Per4_LimitSrlComSvcDft_Cnt_lgc	tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_LimitSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_LimitSrlComSvcDft_Cnt_lgc		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MEC_Cnt_enum tgt_CDDInterface_Per4_MEC_Cnt_enum	tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MEC_Cnt_enum	tgt_CDDInterface_Per4_MEC_Cnt_enum		





Name	Input Value		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MfgDiagInhibit_Cnt_Igc	tgt_CDDInterface_Per4_MfgDiagInhibit_Cnt_	lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ModidxSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_ModIdxSrlComSvcD	•	
tgt Rte Inst Sa CDDInterface.CDDInterface Per4 MtrElecMechPolarity Cnt s08	tgt_CDDInterface_Per4_MtrElecMechPolarity		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MtrParmNrmLrnSrlComSvcDft_	tgt_CDDInterface_Per4_MtrParmNrmLrnSrlC	comSvcDft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MtrVelNrmLrnSrlComSvcDft_C	tgt_CDDInterface_Per4_MtrVelNrmLrnSrlCor	mSvcDft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MultIgnSrlComSvcDft_Cnt_Igc	tgt_CDDInterface_Per4_MultIgnSrlComSvcD	ft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_ParkAstSrlComSvcD	Oft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_PosTrajEnable_Cnt_lgc	tgt_CDDInterface_Per4_PosTrajEnable_Cnt_	_lgc	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_PullCompLrnSrlComSvcDft_Crresults and the property of the pro$	tgt_CDDInterface_Per4_PullCompLrnSrlCom	SvcDft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_PullCompSrlComSvcDft_Cnt_lq	tgt_CDDInterface_Per4_PullCompSrlComSv	cDft_Cnt_lgc	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ReturnSrlComSvcDft_Cnt_lgc$	tgt_CDDInterface_Per4_ReturnSrlComSvcDf	t_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_RxMsgsSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_RxMsgsSrlComSvcI	Oft_Cnt_lgc	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_SftEndStpSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_SftEndStpSrlComSvcDft_Cnt_Sa_CDDInterface_Per4_SftEndStpSrlComSvcDft_Cnt_Sa_CDDInterface_Per4_SftEndStpSrlComSvcDft_Cnt_Sa_CDDInterface_Per4_SftEndStpSrlComSvcDft_Cnt_Sa_CDDInterface_Per4_SftEndStpSrlComSvcDft_Cnt_Sa_CDDInterface_Per4_SftEndStpSrlComSvcDft_Cnt_Sa_CDDInterface_Per4_SftEndStpSrlComSvcDft_Cnt_Sa_CDDInterface_Per4_SftEndStpSrlComSvcDinterface_Per4_SftEndStpSrlComSvcDinterface_Per4_SftEndStpSrlComSvcDinterface_Per4_SftEnd$	tgt_CDDInterface_Per4_SftEndStpSrlComSv	cDft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_SrlComSvcDft_Cnt_b32	tgt_CDDInterface_Per4_SrlComSvcDft_Cnt_	b32	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ThermalDCSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_ThermalDCSrlComSvcDft_Cnt_ThermalDCSrlComSvcDft_Cnt_ThermalDCSrlComSvcDft_Cnt_ThermalDCSrlComSvcDft_Cnt_ThermalDCSrlComSvcDft_Cnt_ThermalDCSrlComSvcDft_Cnt_ThermalDCSrlComSvcDft_Cnt_ThermalDCSrlComSvcDft_Cnt_ThermalDCSrlComSvcDft_Cnt_ThermalDCSrlComSvcDft_Cnt_ThermalDCSrlComSvcDft_Cnt_ThermalDCSrlComSvcDft_Cnt_ThermalDCSrlComSvcDft_Cnt_ThermalDCSrlComSvcDft_Cnt_ThermalDCSrlComSvcDft$	tgt_CDDInterface_Per4_ThermalDCSrlComS	SvcDft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_TrqRmpSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_TrqRmpSrlComSvcI	Dft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_WIRMfgEnabled_Cnt_lgc	tgt_CDDInterface_Per4_WIRMfgEnabled_Cn	nt_lgc	
Name	Actual Value	Expected Value	Result
CDD_ModldxSrlComSvcDft_Cnt_G_u16	1	1	•
PrevMtrElecMechPolarity_Cnt_M_s08	1	1	✓
tgt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_lgc.value	0	0	•
tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc.value	0	0	✓
tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc.value	0	0	✓
tgt_CDDInterface_Per4_DisableCEBusNormComm_Cnt_lgc.value	1	1	✓
tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc.value	1	1	✓
tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc.value	0	0	✓
tgt_CDDInterface_Per4_DwnldAsstGain_Uls_f32.value	9.77999973	9.77999973 ± 0.000009	✓
tgt_CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_lgc.value	0	0	✓
tgt_CDDInterface_Per4_EOTThermalSrlComSvcDft_Cnt_lgc.value	0	0	✓
tgt_CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc.value	0	0	✓
tgt_CDDInterface_Per4_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	1	1	✓
tgt_CDDInterface_Per4_FricLrnSrlComSvcDft_Cnt_lgc.value	0	0	✓
tgt_CDDInterface_Per4_HysAddSrlComSvcDft_Cnt_lgc.value	0	0	✓
tgt_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_lgc.value	0	0	✓
tgt_CDDInterface_Per4_KinIntDiagSrlComSvcDft_Cnt_lgc.value	0	0	✓
tgt_CDDInterface_Per4_LimitSrlComSvcDft_Cnt_lgc.value	0	0	✓
tgt_CDDInterface_Per4_MEC_Cnt_enum.value	0	0	~
tgt_CDDInterface_Per4_MfgDiagInhibit_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_ModIdxSrlComSvcDft_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_MtrParmNrmLrnSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_MtrVelNrmLrnSrlComSvcDft_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_MultIgnSrlComSvcDft_Cnt_lgc.value	0	0	✓
tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_PosTrajEnable_Cnt_lgc.value	0	0	✓
tgt_CDDInterface_Per4_PullCompLrnSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_PullCompSrlComSvcDft_Cnt_lgc.value	1	1	✓
tgt_CDDInterface_Per4_ReturnSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_RxMsgsSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_SftEndStpSrlComSvcDft_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_SrlComSvcDft_Cnt_b32.value	3658	3658	~
tgt_CDDInterface_Per4_ThermalDCSrlComSvcDft_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_TrqRmpSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_WIRMfgEnabled_Cnt_lgc.value	0	0	~

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
none	0	*** No Call Expected ***	0	~

Test Step 2.19 (Repeat Count = 1)	✓
Name	Input Value
CDD_BallNutTempEstDisableSvc_Cnt_G_lgc	0
CDD_DftAsstTbl_Cnt_G_lgc	1
CDD_DisableCEBusNormComm_Cnt_lgc	0
CDD_DisableHSBusNormComm_Cnt_lgc	0
CDD_DwnldAsstGain_Uls_G_f32	3.25
CDD_EOLNxtrWIRSelect_Cnt_G_u16	9658
CDD_EOLSrlComSvcDft_Cnt_G_b32	7895
CDD_GenPosTrajEnableFlag_Cnt_G_lgc	1
CDD_PullCompDisableSvc_Cnt_G_lgc	1
CDD_PwrAsstModeSvc_Cnt_G_lgc	1





Name	Input Value		
CDD_SftEndStpDisableSvc_Cnt_G_lgc	0		
CDD_WIRDisableSvc_Cnt_G_lgc	0		
MfgDiagInhibit_Uls_G_lgc	1		
Nvm_CMEC_Cnt_u8	255		
NxtrMEC_UIs_G_enum	2		
PrevMtrElecMechPolarity_Cnt_M_s08	0		
Rte_Inst_Sa_CDDInterface tgt_CDDInterface_Per4_MtrElecMechPolarity_Cnt_s08.value	tgt_Rte_Inst_Sa_CDDInterface		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_BallNutTempEstSrlComSvcDft		ComSvcDft Cnt lac	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lc			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DftAsstTbl_Cnt_lgc	tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DisableCEBusNormComm_Cr	tgt_CDDInterface_Per4_DisableCEBusNorm	Comm_Cnt_lgc	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DisableHSBusNormComm_Crackets$	tgt_CDDInterface_Per4_DisableHSBusNorm	Comm_Cnt_lgc	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_DrivingDynSrlComSvcDinterface_Per4_DrivingDynSr$	tgt_CDDInterface_Per4_DrivingDynSrlComS	vcDft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DwnldAsstGain_Uls_f32	tgt_CDDInterface_Per4_DwnldAsstGain_Uls	_f32	
tgt Rte Inst Sa CDDInterface.CDDInterface Per4 EOTImpactSrlComSvcDft Cnt			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_EOTThermalSrlComSvcDft_Ci			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_EngONSrlComSvcDft_Cnt_Igc tgt Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_EngONSrlComSvcDft_Cnt_Igc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_EngONSrlComSvcDft_Cnt_Igc			
tgt Rte Inst Sa CDDInterface.CDDInterface Per4 FricLrnSrlComSvcDft Cnt Igc			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_HysAddSrlComSvcDft_Cnt_lgc			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_KinIntDiagSrlComSvcDft_Cnt_			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_LimitSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_LimitSrlComSvcDft_	Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MEC_Cnt_enum	tgt_CDDInterface_Per4_MEC_Cnt_enum		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MfgDiagInhibit_Cnt_lgc	tgt_CDDInterface_Per4_MfgDiagInhibit_Cnt_	lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ModIdxSrlComSvcDft_Cnt_Igc	tgt_CDDInterface_Per4_ModIdxSrlComSvcD	ft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MtrElecMechPolarity_Cnt_s08			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MtrParmNrmLrnSrlComSvcDft			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MtrVelNrmLrnSrlComSvcDft_C			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MultignSrlComSvcDft_Cnt_igc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_igc			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_PosTrajEnable_Cnt_lgc	tgt_CDDInterface_Per4_PosTrajEnable_Cnt_		
tgt Rte Inst Sa CDDInterface.CDDInterface Per4 PullCompLrnSrlComSvcDft Ci			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_PullCompSrlComSvcDft_Cnt_I			
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ReturnSrlComSvcDft_Cnt_lgc$	tgt_CDDInterface_Per4_ReturnSrlComSvcDf	t_Cnt_lgc	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_RxMsgsSrlComSvcDft_Cnt_lgerserver$	tgt_CDDInterface_Per4_RxMsgsSrlComSvcI	Dft_Cnt_lgc	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_SftEndStpSrlComSvcDft_Cnt_Rterior_Per4_SftEndStpSrlComSvcDft_Cnt_Rterior_Per4_SftEndStpSrlComSvcDft_Cnt_Rterior_Per4_SftEndStpSrlComSvcDft_Cnt_Rterior_Per4_SftEndStpSrlComSvcDft_Cnt_Rterior_Per4_SftEndStpSrlComSvcDft_Cnt_Rterior_Per4_SftEndStpSrlComSvcDft_Cnt_Rterior_Per4_SftEndStpSrlComSvcDft_Cnt_Rterior_Per4_SftEndStpSrlComSvcDft_Cnt_Rterior_Per4_SftEndStpSrlComSvcDft_Cnt_Rterior_Per4_SftEndStpSrlComSvcDft_Cnt_Rterior_Per4_SftEndStpSrlComSvcDft_Cnt_Rterior_Per4_SftEndStpSrlComSvcDft_Cnt_Rterior_Per4_SftEndStpSrlComSvcDft_Cnt_Rterior_Per4_SftEndStpSrlComSvcDft_Cnt_Rterior_Per4_SftEndStpSrlComSvcDft_Cnt_Rterior_Per4_SftEndStpSrlComSvcDft_Cnt_Rterior_Per4_SftEndStpSrlComSvcDft_SftEndStpSrlCo$			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_SrlComSvcDft_Cnt_b32	tgt_CDDInterface_Per4_SrlComSvcDft_Cnt_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ThermalDCSrlComSvcDft_Cnt			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_TrqRmpSrlComSvcDft_Cnt_lgr	tgt_CDDInterface_Per4_TrqRmpSrlComSvcI tgt_CDDInterface_Per4_WIRMfgEnabled_Cn		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_WIRMfgEnabled_Cnt_Igc Name	Actual Value	Expected Value	Result
CDD ModldxSrlComSvcDft Cnt G u16	1	1	Result
PrevMtrElecMechPolarity_Cnt_M_s08	-1	-1	~
tgt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_lgc.value	0	0	•
tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc.value	0	0	•
tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc.value	1	1	•
tgt_CDDInterface_Per4_DisableCEBusNormComm_Cnt_lgc.value	0	0	•
tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_DwnldAsstGain_Uls_f32.value	3.25	3.25 ± 0.000009	•
tgt_CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_lgc.value	1 0	0	Ž
tgt_CDDInterface_Per4_EOTThermalSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc.value	1	1	-
tgt_CDDInterface_Per4_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	1	1	
tgt_CDDInterface_Per4_FricLrnSrlComSvcDft_Cnt_lgc.value	0	0	•
tgt_CDDInterface_Per4_HysAddSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_KinIntDiagSrlComSvcDft_Cnt_lgc.value	1	1	•
tgt_CDDInterface_Per4_LimitSrlComSvcDft_Cnt_lgc.value	0	0	•
tgt_CDDInterface_Per4_MEC_Cnt_enum.value	2	2	~
tgt_CDDInterface_Per4_MfgDiagInhibit_Cnt_lgc.value	1	1	✓
tgt_CDDInterface_Per4_ModIdxSrlComSvcDft_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_MtrParmNrmLrnSrlComSvcDft_Cnt_lgc.value	1	1	Ž
tgt_CDDInterface_Per4_MtrVelNrmLrnSrlComSvcDft_Cnt_lgc.value	1	1	
tot CDDInterface Per4 MultignSrlComSvcDft Cnt lgc value	1	0	
tgt_CDDInterface_Per4_MultIgnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc.value	0 1	1 0 1	*
tgt_CDDInterface_Per4_MultIgnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_PosTrajEnable_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_PosTrajEnable_Cnt_lgc.value	0 1 1	0 1 1 1	· ·
tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_PosTrajEnable_Cnt_lgc.value tgt_CDDInterface_Per4_PullCompLrnSrlComSvcDft_Cnt_lgc.value	0 1 1 0	0 1 1 0	· ·





Name	Actual Value	Expected Value	Result
tgt_CDDInterface_Per4_SftEndStpSrlComSvcDft_Cnt_lgc.value	0	0	✓
tgt_CDDInterface_Per4_SrlComSvcDft_Cnt_b32.value	7895	7895	✓
tgt_CDDInterface_Per4_ThermalDCSrlComSvcDft_Cnt_lgc.value	0	0	✓
tgt_CDDInterface_Per4_TrqRmpSrlComSvcDft_Cnt_lgc.value	0	0	✓
tgt_CDDInterface_Per4_WIRMfgEnabled_Cnt_lgc.value	0	0	✓

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Sa_CDDInterface_CDDPorts_ApplyMtrElecMechPol	1	Rte_Call_Sa_CDDInterface_CDDPorts_ApplyMtrElecMechPol	1	~

Test Step 2.20 (Repeat Count = 1)			•
Name	Input Value		
CDD_BallNutTempEstDisableSvc_Cnt_G_lgc	1		
CDD_DftAsstTbl_Cnt_G_lgc	1		
CDD_DisableCEBusNormComm_Cnt_lgc	1		
CDD_DisableHSBusNormComm_Cnt_lgc	1		
CDD_DwnldAsstGain_Uls_G_f32	4.48000002		
CDD_EOLNxtrWIRSelect_Cnt_G_u16	1258		
CDD_EOLSrlComSvcDft_Cnt_G_b32	9658		
CDD_GenPosTrajEnableFlag_Cnt_G_lgc	0		
CDD_PullCompDisableSvc_Cnt_G_lgc	0		
CDD_PwrAsstModeSvc_Cnt_G_lgc	0		
CDD_SftEndStpDisableSvc_Cnt_G_lgc	1		
CDD_WIRDisableSvc_Cnt_G_lgc	1		
MfgDiagInhibit_Uls_G_lgc	0		
Nvm_CMEC_Cnt_u8	124		
NxtrMEC_Uls_G_enum	1		
PrevMtrElecMechPolarity_Cnt_M_s08	-1		
Rte_Inst_Sa_CDDInterface	tgt_Rte_Inst_Sa_CDDInterface		
tgt_CDDInterface_Per4_MtrElecMechPolarity_Cnt_s08.value	1		
$tgt \ \ Rte \ \ Inst \ \ Sa \ \ CDDInterface.CDDInterface \ \ Per4 \ \ BallNutTempEstSrlComSvcDft$	tgt_CDDInterface_Per4_BallNutTempEstSrl	IComSvcDft_Cnt_lgc	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgargerings and the state of the sta$	tgt_CDDInterface_Per4_DampingSrlComSv	/cDft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DftAsstTbl_Cnt_lgc	tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc		
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DisableCEBusNormComm_Cnderface_Per4_DisableCEBUsNormComm_Cnderface_Per4_DisableCEBUsNormComm_Cnderface_Per4_DisableCEBusNormC$	tgt_CDDInterface_Per4_DisableCEBusNorr	mComm_Cnt_lgc	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DisableHSBusNormComm_Cnderface_Per4_DisableHSBusNormC$	tgt_CDDInterface_Per4_DisableHSBusNorr	mComm_Cnt_lgc	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Cnt_Cnt_Cnt_Cnt_Cnt_Cnt_Cnt_Cnt_Cn$	tgt_CDDInterface_Per4_DrivingDynSrlCom	SvcDft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DwnldAsstGain_Uls_f32	tgt_CDDInterface_Per4_DwnldAsstGain_UI	s_f32	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_SrlComSvcDft_Cnt$	tgt_CDDInterface_Per4_EOTImpactSrlCom	SvcDft_Cnt_lgc	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_EOTThermalSrlComSvcDft_Crresults and the property of the prop$			
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgcdiscomstants and the properties of the propert$	tgt_CDDInterface_Per4_EngONSrlComSvc	Dft_Cnt_lgc	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_FreqDepDmpSrlComSvcDft_CdepDepDmpSrlComSvc$	r tgt_CDDInterface_Per4_FreqDepDmpSrlCd	omSvcDft_Cnt_lgc	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_FricLrnSrlComSvcDft_Cnt_lgc$	tgt_CDDInterface_Per4_FricLrnSrlComSvcI	Dft_Cnt_lgc	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_HysAddSrlComSvcDft_Cnt_lgcdiscomSvcDf$	tgt_CDDInterface_Per4_HysAddSrlComSvc	cDft_Cnt_lgc	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_Results (See Supplied From Sec Supplied From S$	tgt_CDDInterface_Per4_HystCompSrlComS	SvcDft_Cnt_lgc	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_KinIntDiagSrlComSvcDft_Cnt_Results (Signature of the Comparison of the $	tgt_CDDInterface_Per4_KinIntDiagSrlComS	SvcDft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_LimitSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_LimitSrlComSvcDft	_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MEC_Cnt_enum	tgt_CDDInterface_Per4_MEC_Cnt_enum		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MfgDiagInhibit_Cnt_lgc	tgt_CDDInterface_Per4_MfgDiagInhibit_Cn	t_lgc	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ModIdxSrlComSvcDft_Cnt_lgcaps and the state of $	tgt_CDDInterface_Per4_ModIdxSrlComSvc	Dft_Cnt_lgc	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MtrElecMechPolarity_Cnt_s08$	tgt_CDDInterface_Per4_MtrElecMechPolari	ity_Cnt_s08	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MtrParmNrmLrnSrlComSvcDft_Signature and the property of the p$		ComSvcDft_Cnt_lgc	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MtrVelNrmLrnSrlComSvcDft_Co$	tgt_CDDInterface_Per4_MtrVelNrmLrnSrlCo	omSvcDft_Cnt_lgc	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MultIgnSrlComSvcDft_Cnt_lgcdiscoms and the state of the stat$	tgt_CDDInterface_Per4_MultIgnSrlComSvc	Dft_Cnt_lgc	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgcdiscomSvcD$	tgt_CDDInterface_Per4_ParkAstSrlComSvc	cDft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_PosTrajEnable_Cnt_lgc	tgt_CDDInterface_Per4_PosTrajEnable_Cn	t_lgc	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_PullCompLrnSrlComSvcDft_CrnSr$	tgt_CDDInterface_Per4_PullCompLrnSrlCo	mSvcDft_Cnt_lgc	
tgt Rte Inst Sa CDDInterface.CDDInterface Per4 PullCompSrlComSvcDft Cnt le			
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ReturnSrlComSvcDft_Cnt_lgc$		Oft_Cnt_lgc	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_RxMsgsSrlComSvcDft_Cnt_lgdering to the control of the control $	tgt_CDDInterface_Per4_RxMsgsSrlComSvc	cDft_Cnt_lgc	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_SftEndStpSrlComSvcDft_Cnt_Inst_StpSrlComSvcDft_$	tgt_CDDInterface_Per4_SftEndStpSrlComS	SvcDft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_SrlComSvcDft_Cnt_b32	tgt_CDDInterface_Per4_SrlComSvcDft_Cnt	_b32	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ThermalDCSrlComSvcDft_Cnt_Cnt_Cnt_Cnt_Cnt_Cnt_Cnt_Cnt_Cnt_Cn$			
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_TrqRmpSrlComSvcDft_Cnt_lgdInt$			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_WIRMfgEnabled_Cnt_Igc	tgt_CDDInterface_Per4_WIRMfgEnabled_C	Cnt_lgc	
Name	Actual Value	Expected Value	Resu
CDD_ModldxSrlComSvcDft_Cnt_G_u16	0	0	•
PrevMtrElecMechPolarity_Cnt_M_s08	1	1	•
tgt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_lgc.value	1	1	•
tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc.value	0	0	•
tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc.value	1	1	





Name	Actual Value	Expected Value	Result
tgt_CDDInterface_Per4_DisableCEBusNormComm_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_DwnldAsstGain_Uls_f32.value	4.48000002	4.48000002 ± 0.000009	~
tgt_CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_lgc.value	1	1	•
tgt_CDDInterface_Per4_EOTThermalSrlComSvcDft_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc.value	0	0	•
tgt_CDDInterface_Per4_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_FricLrnSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_HysAddSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_KinIntDiagSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_LimitSrlComSvcDft_Cnt_lgc.value	0	0	•
tgt_CDDInterface_Per4_MEC_Cnt_enum.value	1	1	~
tgt_CDDInterface_Per4_MfgDiagInhibit_Cnt_lgc.value	0	0	•
tgt_CDDInterface_Per4_ModIdxSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_MtrParmNrmLrnSrlComSvcDft_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_MtrVelNrmLrnSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_MultIgnSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_PosTrajEnable_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_PullCompLrnSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_PullCompSrlComSvcDft_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_ReturnSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_RxMsgsSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_SftEndStpSrlComSvcDft_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_SrlComSvcDft_Cnt_b32.value	9658	9658	~
$tgt_CDDInterface_Per4_ThermalDCSrlComSvcDft_Cnt_lgc.value$	1	1	~
tgt_CDDInterface_Per4_TrqRmpSrlComSvcDft_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_WIRMfgEnabled_Cnt_lgc.value	0	0	~

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Sa_CDDInterface_CDDPorts_ApplyMtrElecMechPol	1	Rte_Call_Sa_CDDInterface_CDDPorts_ApplyMtrElecMechPol	1	~

Test Step 2.21 (Repeat Count = 1)	✓
Name	Input Value
CDD_BallNutTempEstDisableSvc_Cnt_G_lgc	0
CDD_DftAsstTbl_Cnt_G_lgc	0
CDD_DisableCEBusNormComm_Cnt_lgc	0
CDD_DisableHSBusNormComm_Cnt_lgc	0
CDD_DwnldAsstGain_Uls_G_f32	5.36000013
CDD_EOLNxtrWIRSelect_Cnt_G_u16	6328
CDD_EOLSrlComSvcDft_Cnt_G_b32	5879
CDD_GenPosTrajEnableFlag_Cnt_G_lgc	0
CDD_PullCompDisableSvc_Cnt_G_lgc	1
CDD_PwrAsstModeSvc_Cnt_G_lgc	1
CDD_SftEndStpDisableSvc_Cnt_G_lgc	0
CDD_WIRDisableSvc_Cnt_G_lgc	0
MfgDiagInhibit_Uls_G_lgc	1
Nvm_CMEC_Cnt_u8	147
NxtrMEC_UIs_G_enum	0
PrevMtrElecMechPolarity_Cnt_M_s08	1
Rte_Inst_Sa_CDDInterface	tgt_Rte_Inst_Sa_CDDInterface
tgt_CDDInterface_Per4_MtrElecMechPolarity_Cnt_s08.value	-1
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Sincered and the complex of the com$	tgt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_lgc
tgt Rte Inst Sa CDDInterface.CDDInterface Per4 DampingSrlComSvcDft Cnt Ige	tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DftAsstTbl_Cnt_lgc	tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DisableCEBusNormComm_CntDInterface_Pe$	tgt_CDDInterface_Per4_DisableCEBusNormComm_Cnt_lgc
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DisableHSBusNormComm_CntDInterface_Pe$	tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface.CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface.CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface.CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface.CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface.CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_DrivingDynSrlComSvcDft_DrivingDyn$	tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DwnldAsstGain_Uls_f32	tgt_CDDInterface_Per4_DwnldAsstGain_Uls_f32
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_Results (Section 1) and the properties of the content of the conte$	tgt_CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_lgc
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_EOTThermalSrlComSvcDft_Cnressions and the state of the state$	tgt_CDDInterface_Per4_EOTThermalSrlComSvcDft_Cnt_lgc
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc$	tgt_CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc
tgt Rte Inst Sa CDDInterface.CDDInterface Per4 FreqDepDmpSrlComSvcDft Cr	tgt_CDDInterface_Per4_FreqDepDmpSrlComSvcDft_Cnt_lgc
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_FricLrnSrlComSvcDft_Cnt_lgc$	tgt_CDDInterface_Per4_FricLrnSrlComSvcDft_Cnt_lgc
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_HysAddSrlComSvcDft_Cnt_lgc$	tgt_CDDInterface_Per4_HysAddSrlComSvcDft_Cnt_lgc
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_HystCompSrlComSvcDInterface_Per4_HystCompSrlComSvcDInterface_Per4_HystCompSrlComSvcDInterface_Per4_HystCompSrlComSvcDInterface_Per4_HystCompSrlComSvcDInterface_P$	tgt_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_lgc
$\underline{tgt}_{R} \underline{Rte}_{Inst} \underline{Sa}_{CDDInterface}. \underline{CDDInterface}_{Per4} \underline{KinIntDiagSrlComSvcDft}_{Cnt} \underline{Inst}_{R} \underline{ComSvcDft}_{Cnt} \underline{Inst}_{R} \underline{Cnt}_{R} \underline{Cnt} \underline{Cnt}_{R} \underline{Cnt}_{R} \underline{Cnt}_{R} \underline{Cnt}_{R} \underline{Cnt}_{R} \underline{Cnt}_{R} \underline{Cnt}_{R} \underline{Cnt} \underline{Cnt}_{R} \underline{Cnt}_{R} \underline{Cnt}_{R} \underline{Cnt}_{\mathsf$	tgt_CDDInterface_Per4_KinIntDiagSrlComSvcDft_Cnt_lgc

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Name	Input Value		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_LimitSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_LimitSrlComSvcDft_	Cnt lac	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MEC_Cnt_enum	tgt_CDDInterface_Per4_MEC_Cnt_enum		
tgt Rte Inst Sa CDDInterface.CDDInterface Per4 MfgDiagInhibit Cnt Igc	tgt CDDInterface Per4 MfgDiagInhibit Cnt	lac	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ModIdxSrlComSvcDft_Cnt_Igc	tgt_CDDInterface_Per4_ModIdxSrlComSvcD		
tgt Rte Inst Sa CDDInterface.CDDInterface Per4 MtrElecMechPolarity Cnt s08	tgt_CDDInterface_Per4_MtrElecMechPolarity		
tgt Rte Inst Sa CDDInterface.CDDInterface Per4 MtrParmNrmLrnSrlComSvcDft			
tgt Rte Inst Sa CDDInterface.CDDInterface Per4 MtrVelNrmLrnSrlComSvcDft Ci			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MultIgnSrlComSvcDft_Cnt_Igc	tgt_CDDInterface_Per4_MultIgnSrlComSvcE		
tgt Rte Inst Sa CDDInterface.CDDInterface Per4 ParkAstSrlComSvcDft Cnt Igc			
tgt Rte Inst Sa CDDInterface.CDDInterface Per4 PosTrajEnable Cnt Igc	tgt_CDDInterface_Per4_PosTrajEnable_Cnt		
tqt Rte Inst Sa CDDInterface.CDDInterface Per4 PullCompLrnSrlComSvcDft Cn			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_PullCompSrlComSvcDft_Cnt_lg	0= = -		
tgt Rte Inst Sa CDDInterface.CDDInterface Per4 ReturnSrlComSvcDft Cnt Igc	tgt CDDInterface Per4 ReturnSrlComSvcD		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_RxMsgsSrlComSvcDft_Cnt_lgc			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_SftEndStpSrlComSvcDft_Cnt_lgc			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_SrlComSvcDft_Cnt_b32 tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ThermalDCSrlComSvcDft_Cnt_	tgt_CDDInterface_Per4_SrlComSvcDft_Cnt_ tgt_CDDInterface_Per4_ThermalDCSrlComS		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_TrqRmpSrlComSvcDft_Cnt_lgc			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_WIRMfgEnabled_Cnt_lgc	tgt_CDDInterface_Per4_WIRMfgEnabled_Cr		
			Daguit
Name	Actual Value	Expected Value	Result
CDD_ModIdxSrlComSvcDft_Cnt_G_u16			
PrevMtrElecMechPolarity_Cnt_M_s08	-1	-1	
tgt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_lgc.value	0	0	
tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc.value	0	0	¥
tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc.value	0	0	
tgt_CDDInterface_Per4_DisableCEBusNormComm_Cnt_lgc.value	0	0	*
tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc.value	0	0	•
tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc.value	0	0	¥
tgt_CDDInterface_Per4_DwnldAsstGain_Uls_f32.value	5.36000013	5.36000013 ± 0.000009	V
tgt_CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_lgc.value	1	1	Y
tgt_CDDInterface_Per4_EOTThermalSrlComSvcDft_Cnt_lgc.value	1	1	•
tgt_CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc.value	1	1	*
tgt_CDDInterface_Per4_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	1	1	V
tgt_CDDInterface_Per4_FricLrnSrlComSvcDft_Cnt_lgc.value	0	0	*
tgt_CDDInterface_Per4_HysAddSrlComSvcDft_Cnt_lgc.value	0	0	V
tgt_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_lgc.value	0	0	Y
tgt_CDDInterface_Per4_KinIntDiagSrlComSvcDft_Cnt_lgc.value	1	1	V
tgt_CDDInterface_Per4_LimitSrlComSvcDft_Cnt_lgc.value	0	0	V
tgt_CDDInterface_Per4_MEC_Cnt_enum.value	0	0	
tgt_CDDInterface_Per4_MfgDiagInhibit_Cnt_lgc.value	1	1	V
tgt_CDDInterface_Per4_ModIdxSrlComSvcDft_Cnt_lgc.value	1	1	
tgt_CDDInterface_Per4_MtrParmNrmLrnSrlComSvcDft_Cnt_lgc.value	1	1	V
tgt_CDDInterface_Per4_MtrVelNrmLrnSrlComSvcDft_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_MultIgnSrlComSvcDft_Cnt_Igc.value	0	0	V
tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_PosTrajEnable_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_PullCompLrnSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_PullCompSrlComSvcDft_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_ReturnSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_RxMsgsSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_SftEndStpSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_SrlComSvcDft_Cnt_b32.value	5879	5879	~
tgt_CDDInterface_Per4_ThermalDCSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_TrqRmpSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_WIRMfgEnabled_Cnt_lgc.value	0	0	

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Sa_CDDInterface_CDDPorts_ApplyMtrElecMechPol	1	Rte_Call_Sa_CDDInterface_CDDPorts_ApplyMtrElecMechPol	1	~

Test Step 2.22 (Repeat Count = 1)		✓
Name	Input Value	
CDD_BallNutTempEstDisableSvc_Cnt_G_lgc	1	
CDD_DftAsstTbl_Cnt_G_lgc	0	
CDD_DisableCEBusNormComm_Cnt_lgc	1	
CDD_DisableHSBusNormComm_Cnt_lgc	1	
CDD_DwnldAsstGain_Uls_G_f32	6.28000021	
CDD_EOLNxtrWIRSelect_Cnt_G_u16	7895	
CDD_EOLSrlComSvcDft_Cnt_G_b32	6584	
CDD_GenPosTrajEnableFlag_Cnt_G_lgc	1	

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Name	Input Value		
CDD_PullCompDisableSvc_Cnt_G_lgc	0		
CDD_PwrAsstModeSvc_Cnt_G_lgc	0		
CDD_SftEndStpDisableSvc_Cnt_G_lgc	1		
CDD_WIRDisableSvc_Cnt_G_lgc	1		
MfgDiagInhibit_Uls_G_lgc	0		
Nvm_CMEC_Cnt_u8	125		
NxtrMEC_Uls_G_enum	1		
PrevMtrElecMechPolarity_Cnt_M_s08	0		
Rte_Inst_Sa_CDDInterface	tgt_Rte_Inst_Sa_CDDInterface		
tgt_CDDInterface_Per4_MtrElecMechPolarity_Cnt_s08.value	1		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_BallNutTempEstSrlComSvcDft_			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DampingSrlComSvcDft_Cnt_Igu		:Dπ_Cnt_igc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DftAsstTbl_Cnt_lgc	tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc	Comm Cot Igo	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DisableCEBusNormComm_Cnt tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DisableHSBusNormComm_Cnt			
tgt Rte Inst Sa CDDInterface.CDDInterface Per4 DrivingDynSrlComSvcDft Cnt	tgt_CDDInterface_Per4_DrivingDynSrlComS		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DwnldAsstGain_Uls_f32	tgt_CDDInterface_Per4_DwnldAsstGain_Uls		
tgt Rte Inst Sa CDDInterface.CDDInterface Per4 EOTThermalSrlComSvcDft Cn	tgt_CDDInterface_Per4_EOTThermalSrlCom		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_EngONSrlComSvcDft_Cnt_Igc	tgt_CDDInterface_Per4_EngONSrlComSvcD		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_FreqDepDmpSrlComSvcDft_Cr	tgt_CDDInterface_Per4_FreqDepDmpSrlCor	nSvcDft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_FricLrnSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_FricLrnSrlComSvcD		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_HysAddSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_HysAddSrlComSvcI	Dft_Cnt_lgc	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_Inst_Sa_CDDInterface.CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_Inst_Sa_CDDInterface.CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_Inst_Sa_CDDInterface.CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_Inst_Sa_CDDInterface.CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_Inst_Sa_CDDInterface.CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_Inst_Sa_CDDInterface.CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_Inst_Sa_CDDInterface.CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_Inst_Sa_CDDInterface.CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_Inst_Sa_CDDInterface.CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_Inst_Sa_CDDInterface.CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_Inst_Sa_CDDInterface.CDDInterfac$	tgt_CDDInterface_Per4_HystCompSrlComS	/cDft_Cnt_lgc	
tgt Rte Inst Sa CDDInterface.CDDInterface Per4 KinIntDiagSrlComSvcDft Cnt I	tgt_CDDInterface_Per4_KinIntDiagSrlComSv	/cDft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_LimitSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_LimitSrlComSvcDft_	Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MEC_Cnt_enum	tgt_CDDInterface_Per4_MEC_Cnt_enum		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MfgDiagInhibit_Cnt_lgc	tgt_CDDInterface_Per4_MfgDiagInhibit_Cnt_	<u>lgc</u>	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ModIdxSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_ModIdxSrlComSvcD		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MtrElecMechPolarity_Cnt_s08	tgt_CDDInterface_Per4_MtrElecMechPolarity		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MtrParmNrmLrnSrlComSvcDft_	tgt_CDDInterface_Per4_MtrParmNrmLrnSrlC		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MtrVeINrmLrnSrlComSvcDft_Ci			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MultIgnSrlComSvcDft_Cnt_Igc	tgt_CDDInterface_Per4_MultIgnSrlComSvcD		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_PosTrajEnable_Cnt_lgc	tgt_CDDInterface_Per4_ParkAstSrlComSvcI tgt_CDDInterface_Per4_PosTrajEnable_Cnt		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_PullCompLrnSrlComSvcDft_Cn			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_PullCompSrlComSvcDft_Cnt_lg			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ReturnSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_ReturnSrlComSvcDi		
tgt Rte Inst Sa CDDInterface.CDDInterface Per4 RxMsgsSrlComSvcDft Cnt Igc			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_SftEndStpSrlComSvcDft_Cnt_k			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_SrlComSvcDft_Cnt_b32	tgt_CDDInterface_Per4_SrlComSvcDft_Cnt_		
tgt Rte Inst Sa CDDInterface.CDDInterface Per4 ThermalDCSrlComSvcDft Cnt	tgt_CDDInterface_Per4_ThermalDCSrlComS		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_TrqRmpSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_TrqRmpSrlComSvcl	Oft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_WIRMfgEnabled_Cnt_lgc	tgt_CDDInterface_Per4_WIRMfgEnabled_Cr	nt_lgc	
Name	Actual Value	Expected Value	Result
CDD_ModldxSrlComSvcDft_Cnt_G_u16	0	0	~
PrevMtrElecMechPolarity_Cnt_M_s08	1	1	~
tgt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_DisableCEBusNormComm_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_DwnldAsstGain_Uls_f32.value	6.28000021	6.28000021 ± 0.000009	V
tgt_CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_lgc.value	1	1	×
tgt_CDDInterface_Per4_EOTThermalSrlComSvcDft_Cnt_lgc.value	1	1	*
tgt_CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc.value	0	0	
tgt_CDDInterface_Per4_FreqDepDmpSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_FricLrnSrlComSvcDft_Cnt_lgc.value	0	0	
tgt_CDDInterface_Per4_HysAddSrlComSvcDft_Cnt_lgc.value	0	0	Ž
tgt_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_lgc.value	0	0	
tgt_CDDInterface_Per4_KinIntDiagSrlComSvcDft_Cnt_lgc.value			
IQL CDDINENACE FEI4 MININDIAGONCOMOVEDIL CIN IGE VAIGE	0	0	
tgt_CDDInterface_Per4_LimitSrlComSvcDft_Cnt_lgc.value		0	~
	0		~
tgt_CDDInterface_Per4_LimitSrlComSvcDft_Cnt_lgc.value	0	0	*
tgt_CDDInterface_Per4_LimitSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MEC_Cnt_enum.value	0 0 1	0	\(\frac{1}{2} \)
tgt_CDDInterface_Per4_LimitSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MEC_Cnt_enum.value tgt_CDDInterface_Per4_MfgDiagInhibit_Cnt_lgc.value	0 0 1 0	0 1 0	~
tgt_CDDInterface_Per4_LimitSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MEC_Cnt_enum.value tgt_CDDInterface_Per4_MfgDiagInhibit_Cnt_lgc.value tgt_CDDInterface_Per4_ModIdxSrlComSvcDft_Cnt_lgc.value	0 0 1 0 0	0 1 0 0	~
tgt_CDDInterface_Per4_LimitSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MEC_Cnt_enum.value tgt_CDDInterface_Per4_MfgDiaglinhibit_Cnt_lgc.value tgt_CDDInterface_Per4_ModIdxSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MtrParmNrmLrnSrlComSvcDft_Cnt_lgc.value	0 0 1 0 0	0 1 0 0	· ·
tgt_CDDInterface_Per4_LimitSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MEC_Cnt_enum.value tgt_CDDInterface_Per4_MfgDiagInhibit_Cnt_lgc.value tgt_CDDInterface_Per4_ModIdxSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MtrParmNrmLrnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MtrVelNrmLrnSrlComSvcDft_Cnt_lgc.value	0 0 1 0 0 1	0 1 0 0 1	· ·
tgt_CDDInterface_Per4_LimitSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MEC_Cnt_enum.value tgt_CDDInterface_Per4_MfgDiagInhibit_Cnt_lgc.value tgt_CDDInterface_Per4_ModldxSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MtrParmNrmLrnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MtrVelNrmLrnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MtrVelNrmLrnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MultIgnSrlComSvcDft_Cnt_lgc.value	0 0 1 0 0 1 0 0	0 1 0 0 1 0 0	· · · · · · · · · · · · · · · · · · ·
tgt_CDDInterface_Per4_LimitSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MEC_Cnt_enum.value tgt_CDDInterface_Per4_MfgDiaglinhibit_Cnt_lgc.value tgt_CDDInterface_Per4_ModIdxSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MtrParmNrmLrnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MtrVelNrmLrnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MultlgnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc.value	0 0 1 0 0 1 0 0	0 1 0 0 1 0 0	· · · · · · · · · · · · · · · · · · ·





Name	Actual Value	Expected Value	Result
tgt_CDDInterface_Per4_ReturnSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_RxMsgsSrlComSvcDft_Cnt_lgc.value	0	0	✓
tgt_CDDInterface_Per4_SftEndStpSrlComSvcDft_Cnt_lgc.value	1	1	✓
tgt_CDDInterface_Per4_SrlComSvcDft_Cnt_b32.value	6584	6584	✓
tgt_CDDInterface_Per4_ThermalDCSrlComSvcDft_Cnt_lgc.value	1	1	✓
tgt_CDDInterface_Per4_TrqRmpSrlComSvcDft_Cnt_lgc.value	1	1	✓
tgt CDDInterface Per4 WIRMfgEnabled Cnt lgc.value	0	0	✓

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Sa_CDDInterface_CDDPorts_ApplyMtrElecMechPol	1	Rte_Call_Sa_CDDInterface_CDDPorts_ApplyMtrElecMechPol	1	~

Test Step 2.23 (Repeat Count = 1)			√
	Innut Value		Ť
Name	Input Value		
CDD_BallNutTempEstDisableSvc_Cnt_G_lgc	1		
CDD_DftAsstTbl_Cnt_G_lgc	1		
CDD_DisableCEBusNormComm_Cnt_lgc	0		
CDD_DisableHSBusNormComm_Cnt_lgc	0		
CDD_DwnldAsstGain_Uls_G_f32	7.48000002		
CDD_EOLNxtrWIRSelect_Cnt_G_u16	3289		
CDD_EOLSrlComSvcDft_Cnt_G_b32	4785		
CDD_GenPosTrajEnableFlag_Cnt_G_lgc	0		
CDD_PullCompDisableSvc_Cnt_G_lgc	1		
CDD_PwrAsstModeSvc_Cnt_G_lgc	1		
CDD_SftEndStpDisableSvc_Cnt_G_lgc	1		
CDD_WIRDisableSvc_Cnt_G_lgc	0		
MfgDiagInhibit_Uls_G_lgc	1		
Nvm_CMEC_Cnt_u8	247		
NxtrMEC_Uls_G_enum	0		
PrevMtrElecMechPolarity_Cnt_M_s08	-1		
Rte_Inst_Sa_CDDInterface	tgt_Rte_Inst_Sa_CDDInterface		
tgt_CDDInterface_Per4_MtrElecMechPolarity_Cnt_s08.value	-1		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_BallNutTempEstSrlComSvcDft_			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgr		Dft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DftAsstTbl_Cnt_lgc	tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc		
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DisableCEBusNormComm_Cnt$	tgt_CDDInterface_Per4_DisableCEBusNorm	Comm_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DisableHSBusNormComm_Cnt			
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_DrivingDynSrlComSvcDft_DrivingDynSrlCo$	tgt_CDDInterface_Per4_DrivingDynSrlComS	vcDft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DwnldAsstGain_Uls_f32	tgt_CDDInterface_Per4_DwnldAsstGain_UIs		
tgt Rte Inst Sa CDDInterface.CDDInterface Per4 EOTImpactSrlComSvcDft Cnt	tgt_CDDInterface_Per4_EOTImpactSrlComS	vcDft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_EOTThermalSrlComSvcDft_Cn	tgt_CDDInterface_Per4_EOTThermalSrlCom	SvcDft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_EngONSrlComSvcD	ft_Cnt_lgc	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_FreqDepDmpSrlComSvcDft_Cr$	tgt_CDDInterface_Per4_FreqDepDmpSrlCon	nSvcDft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_FricLrnSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_FricLrnSrlComSvcDf	ft_Cnt_lgc	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_HysAddSrlComSvcDft_Cnt_lgc$	tgt_CDDInterface_Per4_HysAddSrlComSvcD	Oft_Cnt_lgc	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_HystCompSrlComSvcDInterface_Per4_HystCompSrlComSvcDInterface_Per4_HystCompSrlComSvcDInterface_Per4_HystCompSrlComSvcDInterface_Per4_HystCompSrlComSvcDInterface_P$	tgt_CDDInterface_Per4_HystCompSrlComSv	/cDft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_KinIntDiagSrlComSvcDft_Cnt_le	tgt_CDDInterface_Per4_KinIntDiagSrlComSv	rcDft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_LimitSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_LimitSrlComSvcDft_	Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MEC_Cnt_enum	tgt_CDDInterface_Per4_MEC_Cnt_enum		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MfgDiagInhibit_Cnt_lgc	tgt_CDDInterface_Per4_MfgDiagInhibit_Cnt_	<u>lg</u> c	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ModIdxSrlComSvcDft_Cnt_Igc	tgt_CDDInterface_Per4_ModIdxSrlComSvcD	ft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MtrElecMechPolarity_Cnt_s08	tgt_CDDInterface_Per4_MtrElecMechPolarity		
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MtrParmNrmLrnSrlComSvcDft_$	tgt_CDDInterface_Per4_MtrParmNrmLrnSrlC	comSvcDft_Cnt_lgc	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MtrVelNrmLrnSrlComSvcDft_Classifications and the state of th$			
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MultIgnSrlComSvcDft_Cnt_Igc$	tgt_CDDInterface_Per4_MultIgnSrlComSvcD		
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc$	tgt_CDDInterface_Per4_ParkAstSrlComSvcD	Pft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_PosTrajEnable_Cnt_lgc	tgt_CDDInterface_Per4_PosTrajEnable_Cnt_	_lgc	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_PullCompLrnSrlComSvcDft_Cn$			
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_PullCompSrlComSvcDft_Cnt_lg$	tgt_CDDInterface_Per4_PullCompSrlComSvr	cDft_Cnt_lgc	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ReturnSrlComSvcDft_Cnt_lgc$	tgt_CDDInterface_Per4_ReturnSrlComSvcDf	t_Cnt_lgc	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_RxMsgsSrlComSvcDft_Cnt_lgc$		Oft_Cnt_lgc	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_SftEndStpSrlComSvcDft_Cnt_I_{\xi}$	tgt_CDDInterface_Per4_SftEndStpSrlComSv	cDft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_SrlComSvcDft_Cnt_b32	tgt_CDDInterface_Per4_SrlComSvcDft_Cnt_l	b32	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ThermalDCSrlComSvcDft_Cnt_Results (Section 1) and the section of the section $	tgt_CDDInterface_Per4_ThermalDCSrlComS	vcDft_Cnt_lgc	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_TrqRmpSrlComSvcDft_Cnt_lgc$	tgt_CDDInterface_Per4_TrqRmpSrlComSvcE	Dft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_WIRMfgEnabled_Cnt_lgc	tgt_CDDInterface_Per4_WIRMfgEnabled_Cn	t_lgc	
Name	Actual Value	Expected Value	Result
CDD_ModldxSrlComSvcDft_Cnt_G_u16	1	1	-
	-1		
PrevMtrElecMechPolarity_Cnt_M_s08	-1	-1	•

CDDInterface_Per4



Name	Actual Value	Expected Value	Result
tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc.value	0	0	✓
tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_DisableCEBusNormComm_Cnt_lgc.value	0	0	✓
tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc.value	0	0	✓
tgt_CDDInterface_Per4_DwnldAsstGain_Uls_f32.value	7.48000002	7.48000002 ± 0.000009	✓
tgt_CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_lgc.value	1	1	✓
tgt_CDDInterface_Per4_EOTThermalSrlComSvcDft_Cnt_lgc.value	1	1	✓
tgt_CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc.value	1	1	✓
tgt_CDDInterface_Per4_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_FricLrnSrlComSvcDft_Cnt_lgc.value	0	0	✓
tgt_CDDInterface_Per4_HysAddSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_lgc.value	0	0	✓
tgt_CDDInterface_Per4_KinIntDiagSrlComSvcDft_Cnt_lgc.value	0	0	✓
tgt_CDDInterface_Per4_LimitSrlComSvcDft_Cnt_lgc.value	0	0	✓
tgt_CDDInterface_Per4_MEC_Cnt_enum.value	0	0	✓
tgt_CDDInterface_Per4_MfgDiagInhibit_Cnt_lgc.value	1	1	✓
tgt_CDDInterface_Per4_ModIdxSrlComSvcDft_Cnt_lgc.value	1	1	✓
tgt_CDDInterface_Per4_MtrParmNrmLrnSrlComSvcDft_Cnt_lgc.value	1	1	✓
tgt_CDDInterface_Per4_MtrVelNrmLrnSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_MultIgnSrlComSvcDft_Cnt_lgc.value	0	0	✓
tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc.value	1	1	✓
tgt_CDDInterface_Per4_PosTrajEnable_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_PullCompLrnSrlComSvcDft_Cnt_lgc.value	0	0	✓
tgt_CDDInterface_Per4_PullCompSrlComSvcDft_Cnt_lgc.value	1	1	✓
tgt_CDDInterface_Per4_ReturnSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_RxMsgsSrlComSvcDft_Cnt_lgc.value	0	0	✓
tgt_CDDInterface_Per4_SftEndStpSrlComSvcDft_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_SrlComSvcDft_Cnt_b32.value	4785	4785	✓
tgt_CDDInterface_Per4_ThermalDCSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_TrqRmpSrlComSvcDft_Cnt_lgc.value	0	0	✓
tgt_CDDInterface_Per4_WIRMfgEnabled_Cnt_lgc.value	0	0	✓

Test Step Call Trace			V	
Actual Function	Count	Expected Function	Count	Result
none	0	*** No Call Expected ***	0	~

Test Step 2.24 (Repeat Count = 1)	✓
Name	Input Value
CDD_BallNutTempEstDisableSvc_Cnt_G_lgc	0
CDD_DftAsstTbl_Cnt_G_lgc	0
CDD_DisableCEBusNormComm_Cnt_lgc	1
CDD_DisableHSBusNormComm_Cnt_lgc	1
CDD_DwnldAsstGain_Uls_G_f32	8.85999966
CDD_EOLNxtrWIRSelect_Cnt_G_u16	3258
CDD_EOLSrlComSvcDft_Cnt_G_b32	9658
CDD_GenPosTrajEnableFlag_Cnt_G_lgc	1
CDD_PullCompDisableSvc_Cnt_G_lgc	1
CDD_PwrAsstModeSvc_Cnt_G_lgc	0
CDD_SftEndStpDisableSvc_Cnt_G_lgc	0
CDD_WIRDisableSvc_Cnt_G_lgc	0
MfgDiagInhibit_Uls_G_lgc	1
Nvm_CMEC_Cnt_u8	87
NxtrMEC_UIs_G_enum	2
PrevMtrElecMechPolarity_Cnt_M_s08	1
Rte_Inst_Sa_CDDInterface	tgt_Rte_Inst_Sa_CDDInterface
tgt_CDDInterface_Per4_MtrElecMechPolarity_Cnt_s08.value	1
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Starter = Starter = $	tgt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_lgc
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgenerate and the complex of the compl$	tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DftAsstTbl_Cnt_lgc	tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DisableCEBusNormComm_CntDInterface_Pe$	tgt_CDDInterface_Per4_DisableCEBusNormComm_Cnt_lgc
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DisableHSBusNormComm_CntDInterface_Pe$	tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface.CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface.CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface.CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_DrivingDynSrlComSvcDft_ComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_DrivingDynSrlComSvcDft_DrivingDynSr$	tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DwnldAsstGain_Uls_f32	tgt_CDDInterface_Per4_DwnldAsstGain_Uls_f32
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_Results (Section 1) and the property of the content of the content$	tgt_CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_lgc
tgt Rte Inst Sa CDDInterface.CDDInterface Per4 EOTThermalSrlComSvcDft Cn	tgt_CDDInterface_Per4_EOTThermalSrlComSvcDft_Cnt_lgc
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc$	tgt_CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_FreqDepDmpSrlComSvcDft_Crresults and the property of the prop$	tgt_CDDInterface_Per4_FreqDepDmpSrlComSvcDft_Cnt_lgc
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_FricLrnSrlComSvcDft_Cnt_lgc$	tgt_CDDInterface_Per4_FricLrnSrlComSvcDft_Cnt_lgc
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_HysAddSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_HysAddSrlComSvcDft_Cnt_lgc





Name	Input Value		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_I	·	/cDft Cnt Igc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_KinIntDiagSrlComSvcDft_Cnt_lt			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_LimitSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_LimitSrlComSvcDft_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MEC_Cnt_enum	tgt_CDDInterface_Per4_MEC_Cnt_enum		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MfgDiagInhibit_Cnt_lgc	tgt_CDDInterface_Per4_MfgDiagInhibit_Cnt_	lgc	
tgt Rte Inst Sa CDDInterface.CDDInterface Per4 ModidxSrlComSvcDft Cnt Igc	tgt_CDDInterface_Per4_ModIdxSrlComSvcD	-	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MtrElecMechPolarity_Cnt_s08	tgt_CDDInterface_Per4_MtrElecMechPolarity		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MtrParmNrmLrnSrlComSvcDft_			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MtrVelNrmLrnSrlComSvcDft_C			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MultIgnSrlComSvcDft_Cnt_Igc	tgt_CDDInterface_Per4_MultIgnSrlComSvcD	ft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_ParkAstSrlComSvcI	Oft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_PosTrajEnable_Cnt_Igc	tgt_CDDInterface_Per4_PosTrajEnable_Cnt_	_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_PullCompLrnSrlComSvcDft_Cn	tgt_CDDInterface_Per4_PullCompLrnSrlCom	SvcDft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_PullCompSrlComSvcDft_Cnt_lg	tgt_CDDInterface_Per4_PullCompSrlComSv	cDft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ReturnSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_ReturnSrlComSvcDf	t_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_RxMsgsSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_RxMsgsSrlComSvcI	Oft_Cnt_lgc	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_SftEndStpSrlComSvcDft_Cnt_log_ComSv$	tgt_CDDInterface_Per4_SftEndStpSrlComSv	cDft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_SrlComSvcDft_Cnt_b32	tgt_CDDInterface_Per4_SrlComSvcDft_Cnt_	b32	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ThermalDCSrlComSvcDft_Cnt_Results (ComSvcDft_Cnt_Results (ComSvcD$	tgt_CDDInterface_Per4_ThermalDCSrlComS	SvcDft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_TrqRmpSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_TrqRmpSrlComSvcI	Dft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_WIRMfgEnabled_Cnt_lgc	tgt_CDDInterface_Per4_WIRMfgEnabled_Cr	t_lgc	
Name	Actual Value	Expected Value	Result
CDD_ModldxSrlComSvcDft_Cnt_G_u16	0	0	~
PrevMtrElecMechPolarity_Cnt_M_s08	1	1	~
tgt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_DisableCEBusNormComm_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_DwnldAsstGain_Uls_f32.value	8.85999966	8.85999966 ± 0.000009	~
tgt_CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_EOTThermalSrlComSvcDft_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_FricLrnSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_HysAddSrlComSvcDft_Cnt_lgc.value	0	0	V
tgt_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_lgc.value	0	0	V
tgt_CDDInterface_Per4_KinIntDiagSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_LimitSrlComSvcDft_Cnt_lgc.value	0	0	V
tgt_CDDInterface_Per4_MEC_Cnt_enum.value	2	2	~
tgt_CDDInterface_Per4_MfgDiagInhibit_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_ModIdxSrlComSvcDft_Cnt_lgc.value	0	0	✓
tgt_CDDInterface_Per4_MtrParmNrmLrnSrlComSvcDft_Cnt_lgc.value	1	1	· ·
tgt_CDDInterface_Per4_MtrVeiNrmLrnSrlComSvcDft_Cnt_lgc.value	0	0	• •
tgt_CDDInterface_Per4_MultIgnSrlComSvcDft_Cnt_lgc.value	0	0	•
tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc.value	0	0	• •
tgt_CDDInterface_Per4_PosTrajEnable_Cnt_lgc.value		1	•
tgt_CDDInterface_Per4_PullCompLrnSrlComSvcDft_Cnt_lgc.value	0	0	
tgt_CDDInterface_Per4_PullCompSrlComSvcDft_Cnt_lgc.value			
tgt_CDDInterface_Per4_ReturnSrlComSvcDft_Cnt_lgc.value	0	0	V
tgt_CDDInterface_Per4_RxMsgsSrlComSvcDft_Cnt_lgc.value	0	0	
tgt_CDDInterface_Per4_SftEndStpSrlComSvcDft_Cnt_lgc.value	9658	9658	-
tgt_CDDInterface_Per4_SrlComSvcDft_Cnt_b32.value	1	1	
tgt_CDDInterface_Per4_ThermalDCSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_TrqRmpSrlComSvcDft_Cnt_lgc.value	1	1	-
tgt_CDDInterface_Per4_TrqRriipSnComSvcbit_Cnt_lgc.value tgt_CDDInterface_Per4_WIRMfgEnabled_Cnt_lgc.value	0	0	
tgt_ODDITIONAGE_F CI4_VVIITIVIIIgENADICU_ONL_IGG.Value	V	<u> </u>	_

Test Step Call Trace					✓
	Actual Function	Count	Expected Function	Count	Result
	none	0	*** No Call Expected ***	0	~

Test Step 2.25 (Repeat Count = 1)		~
Name	Input Value	
CDD_BallNutTempEstDisableSvc_Cnt_G_lgc	1	
CDD_DftAsstTbl_Cnt_G_lgc	1	
CDD_DisableCEBusNormComm_Cnt_lgc	0	
CDD_DisableHSBusNormComm_Cnt_lgc	0	
CDD_DwnldAsstGain_Uls_G_f32	9.77999973	
CDD_EOLNxtrWIRSelect_Cnt_G_u16	6587	





Name	Input Value		
CDD_EOLSrlComSvcDft_Cnt_G_b32	1258		
CDD_GenPosTrajEnableFlag_Cnt_G_lgc	0		
CDD_PullCompDisableSvc_Cnt_G_lgc	0		
CDD_PwrAsstModeSvc_Cnt_G_lgc	1		
CDD_SftEndStpDisableSvc_Cnt_G_lgc CDD_WIRDisableSvc_Cnt_G_lgc	1		
MfgDiagInhibit_Uls_G_lgc	0		
Nvm_CMEC_Cnt_u8	96		
NxtrMEC_UIs_G_enum	1		
PrevMtrElecMechPolarity_Cnt_M_s08	0		
Rte_Inst_Sa_CDDInterface	tgt_Rte_Inst_Sa_CDDInterface		
tgt_CDDInterface_Per4_MtrElecMechPolarity_Cnt_s08.value	-1		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_BallNutTempEstSrlComSvcDft_			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DftAsstTbl_Cnt_lgc	tgt_CDDInterface_Per4_DampingSriComSvc	Dπ_Cnt_ige	
tgt Rte Inst Sa CDDInterface.CDDInterface Per4 DisableCEBusNormComm Cnt		Comm Cnt lac	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DisableHSBusNormComm_Cnt		*	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_	tgt_CDDInterface_Per4_DrivingDynSrlComS	vcDft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DwnldAsstGain_Uls_f32	tgt_CDDInterface_Per4_DwnldAsstGain_Uls	_f32	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_EOTImpactSrlComSvcDinterface_Per4_EOTIm$	tgt_CDDInterface_Per4_EOTImpactSrlComS	SvcDft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_EOTThermalSrlComSvcDft_Cn			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_EngONSrlComSvcD		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_FreqDepDmpSrlComSvcDft_Cr tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_FricLrnSrlComSvcDft_Crt_Igc	tgt_CDDInterface_Per4_FreqDepDmpSriCon tgt_CDDInterface_Per4_FricLrnSrlComSvcD		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_HysAddSrlComSvcDft_Cnt_lgc		0	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_I			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_KinIntDiagSrlComSvcDft_Cnt_I			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_LimitSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_LimitSrlComSvcDft_	_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MEC_Cnt_enum	tgt_CDDInterface_Per4_MEC_Cnt_enum		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MfgDiagInhibit_Cnt_lgc	tgt_CDDInterface_Per4_MfgDiagInhibit_Cnt_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ModIdxSrIComSvcDft_Cnt_Igc	tgt_CDDInterface_Per4_ModIdxSrlComSvcD		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MtrElecMechPolarity_Cnt_s08	tgt_CDDInterface_Per4_MtrElecMechPolarity		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MtrParmNrmLrnSrlComSvcDft_ tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MtrVeiNrmLrnSrlComSvcDft_C			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MultIgnSrlComSvcDft_Cnt_Igc	tgt_CDDInterface_Per4_MultIgnSrlComSvcD		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_PosTrajEnable_Cnt_Igc	tgt_CDDInterface_Per4_PosTrajEnable_Cnt_	_lgc	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_PullCompLrnSrlComSvcDft_Cnrace_Per4_PullComPLrnSrlComSvcDft_Cnrace_Per4_PullComPLrnSrlComSvcDft_Cnrace_Per4_PullComPLrnSrlComSvcDft_Cnrace_Per4_PullComPLrnSrlComSvcDft_Cnrace_Per4_PullComPLrnSrlComSvcDft_Cnrace_Per4_PullComPLrnSrlComSvcDft_Cnrace_Per4_PullComPLrnSrlComSvcDft_Cnrace_Per4_PullComPLrnSrlComSvcDft_Cnrace_Per4_PullComPLrnSrlComSvcDft_Cnrace_Per4_PullComPLrnSrlComSvcDft_Cnrace_Per4_PullComPLrnSrlComSvcDft_Cnrace_Per4_PullComPLrnSrlComSvcDft_Cnrace_Per4_PullComPLrnSrlComSvcDft_Cnrace_Per4_PullComPLrnSrlComSvcDft_Cnrace_Per4_PullComSvcDft_Cnrace_Per4_P$	tgt_CDDInterface_Per4_PullCompLrnSrlCom	nSvcDft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_PullCompSrlComSvcDft_Cnt_lg			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ReturnSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_ReturnSrlComSvcDf		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_RxMsgsSrlComSvcDft_Cnt_igc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_SftEndStpSrlComSvcDft_Cnt_igc			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_SrlComSvcDft_Cnt_b32	tgt_CDDInterface_Per4_SrlComSvcDft_Cnt_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ThermalDCSrlComSvcDft_Cnt_			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_TrqRmpSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_TrqRmpSrlComSvcI	Dft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_WIRMfgEnabled_Cnt_lgc	tgt_CDDInterface_Per4_WIRMfgEnabled_Cr	nt_lgc	
Name	Actual Value	Expected Value	Result
CDD_ModldxSrlComSvcDft_Cnt_G_u16	0	0	~
PrevMtrElecMechPolarity_Cnt_M_s08	-1	-1	•
tgt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_lgc.value	1	1	*
tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc.value	0	0	J
tgt_CDDInterface_ref4_Dipastribi_Cnt_gc.value	0	0	
tgt CDDInterface Per4 DisableHSBusNormComm Cnt Igc.value	0	0	-
tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc.value	0	0	✓
tgt_CDDInterface_Per4_DwnldAsstGain_Uls_f32.value	9.77999973	9.77999973 ± 0.000009	-
tgt_CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_EOTThermalSrlComSvcDft_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc.value	1	1	•
			· · · · · · · · ·
tgt_CDDInterface_Per4_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	1	1	
tgt_CDDInterface_Per4_FricLrnSrlComSvcDft_Cnt_lgc.value	0	0	•
tgt_CDDInterface_Per4_FricLrnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HysAddSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_FricLrnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HysAddSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_FricLrnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HysAddSrlComSvcDft_Cnt_lgc.value	0 0 0	0 0 0	•
tgt_CDDInterface_Per4_FricLrnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HysAddSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_KinIntDiagSrlComSvcDft_Cnt_lgc.value	0 0 0 0	0 0 0	*
tgt_CDDInterface_Per4_FricLrnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HysAddSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_kinIntDiagSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_LimitSrlComSvcDft_Cnt_lgc.value	0 0 0 0 0 1	0 0 0 0 0 1	~
tgt_CDDInterface_Per4_FricLrnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HysAddSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_KinIntDiagSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_LimitSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MEC_Cnt_enum.value tgt_CDDInterface_Per4_MfgDiagInhibit_Cnt_lgc.value tgt_CDDInterface_Per4_ModIdxSrlComSvcDft_Cnt_lgc.value	0 0 0 0 0 1 0	0 0 0 0 0 1 0	
tgt_CDDInterface_Per4_FricLrnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HysAddSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_KinIntDiagSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_LimitSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MEC_Cnt_enum.value tgt_CDDInterface_Per4_MfgDiagInhibit_Cnt_lgc.value tgt_CDDInterface_Per4_ModIdxSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ModIdxSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MtrParmNrmLrnSrlComSvcDft_Cnt_lgc.value	0 0 0 0 0 1 0 0	0 0 0 0 0 1 0 0	
tgt_CDDInterface_Per4_FricLrnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HysAddSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_KinIntDiagSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_LimitSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MEC_Cnt_enum.value tgt_CDDInterface_Per4_MfgDiagInhibit_Cnt_lgc.value tgt_CDDInterface_Per4_ModIdxSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MtrParmNrmLrnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MtrParmNrmLrnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MtrVelNrmLrnSrlComSvcDft_Cnt_lgc.value	0 0 0 0 0 1 1 0 0	0 0 0 0 0 1 0 0	
tgt_CDDInterface_Per4_FricLrnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HysAddSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_KinIntDiagSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_LimitSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MEC_Cnt_enum.value tgt_CDDInterface_Per4_MfgDiagInhibit_Cnt_lgc.value tgt_CDDInterface_Per4_ModldxSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MtrParmNrmLrnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MtrVelNrmLrnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MtrVelNrmLrnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MultIgnSrlComSvcDft_Cnt_lgc.value	0 0 0 0 0 1 1 0 0	0 0 0 0 0 1 1 0 0	
tgt_CDDInterface_Per4_FricLrnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HysAddSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_KinIntDiagSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_LimitSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MEC_Cnt_enum.value tgt_CDDInterface_Per4_MfgDiagInhibit_Cnt_lgc.value tgt_CDDInterface_Per4_ModIdxSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MtrParmNrmLrnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MtrParmNrmLrnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MtrVelNrmLrnSrlComSvcDft_Cnt_lgc.value	0 0 0 0 0 1 1 0 0	0 0 0 0 0 1 0 0	

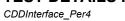
2015-02-18, 15:45:12+0530



Name	Actual Value	Expected Value	Result
tgt_CDDInterface_Per4_PullCompLrnSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_PullCompSrlComSvcDft_Cnt_lgc.value	1	1	✓
tgt_CDDInterface_Per4_ReturnSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_RxMsgsSrlComSvcDft_Cnt_lgc.value	0	0	✓
tgt_CDDInterface_Per4_SftEndStpSrlComSvcDft_Cnt_lgc.value	1	1	✓
tgt_CDDInterface_Per4_SrlComSvcDft_Cnt_b32.value	1258	1258	✓
tgt_CDDInterface_Per4_ThermalDCSrlComSvcDft_Cnt_lgc.value	1	1	✓
tgt_CDDInterface_Per4_TrqRmpSrlComSvcDft_Cnt_lgc.value	0	0	✓
tot CDDInterface Per4 WIRMfgEnabled Cnt loc.value	0	0	✓

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Sa_CDDInterface_CDDPorts_ApplyMtrElecMechPol	1	Rte_Call_Sa_CDDInterface_CDDPorts_ApplyMtrElecMechPol	1	~

Test Step 2.26 (Repeat Count = 1)	V
Name	Input Value
CDD_BallNutTempEstDisableSvc_Cnt_G_lgc	0
CDD_DftAsstTbl_Cnt_G_lgc	0
CDD DisableCEBusNormComm Cnt Igc	1
CDD DisableHSBusNormComm Cnt Igc	1
CDD DwnldAsstGain Uls G f32	5.36000013
CDD EOLNxtrWIRSelect Cnt G u16	4785
CDD_EOLSrlComSvcDft_Cnt_G_b32	6328
CDD_GenPosTrajEnableFlag_Cnt_G_lgc	1
	1
CDD_PullCompDisableSvc_Cnt_G_lgc	0
CDD_PwrAsstModeSvc_Cnt_G_lgc	0
CDD_SftEndStpDisableSvc_Cnt_G_lgc	
CDD_WIRDisableSvc_Cnt_G_lgc	0
MfgDiagInhibit_Uls_G_lgc	1
Nvm_CMEC_Cnt_u8	47
NxtrMEC_UIs_G_enum	2
PrevMtrElecMechPolarity_Cnt_M_s08	-1
Rte_Inst_Sa_CDDInterface	tgt_Rte_Inst_Sa_CDDInterface
tgt_CDDInterface_Per4_MtrElecMechPolarity_Cnt_s08.value	1
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_BallNutTempEstSrlComSvcDft_	tgt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_lgc
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DftAsstTbl_Cnt_lgc	tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DisableCEBusNormComm_Cnt	tgt_CDDInterface_Per4_DisableCEBusNormComm_Cnt_lgc
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DisableHSBusNormComm_Cnt	
tgt Rte Inst Sa CDDInterface.CDDInterface Per4 DrivingDynSrlComSvcDft Cnt	tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DwnldAsstGain_Uls_f32	tgt_CDDInterface_Per4_DwnldAsstGain_UIs_f32
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_Results (Signature of the Compact of$	tgt_CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_lgc
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_EOTThermalSrlComSvcDft_Cn	tgt_CDDInterface_Per4_EOTThermalSrlComSvcDft_Cnt_lgc
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc$	tgt_CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_FreqDepDmpSrlComSvcDft_Crr$	tgt_CDDInterface_Per4_FreqDepDmpSrlComSvcDft_Cnt_lgc
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_FricLrnSrlComSvcDft_Cnt_lgc$	tgt_CDDInterface_Per4_FricLrnSrlComSvcDft_Cnt_lgc
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_HysAddSrlComSvcDft_Cnt_lgc$	tgt_CDDInterface_Per4_HysAddSrlComSvcDft_Cnt_lgc
tgt Rte Inst Sa CDDInterface.CDDInterface Per4 HystCompSrlComSvcDft Cnt I	tgt_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_lgc
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_KinIntDiagSrlComSvcDft_Cnt_Ignum_Results (Application of the Company of the C$	tgt_CDDInterface_Per4_KinIntDiagSrlComSvcDft_Cnt_lgc
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_LimitSrlComSvcDft_Cnt_lgc$	tgt_CDDInterface_Per4_LimitSrlComSvcDft_Cnt_lgc
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MEC_Cnt_enum	tgt_CDDInterface_Per4_MEC_Cnt_enum
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MfgDiagInhibit_Cnt_lgc	tgt_CDDInterface_Per4_MfgDiagInhibit_Cnt_lgc
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ModIdxSrlComSvcDft_Cnt_lgc$	tgt_CDDInterface_Per4_ModIdxSrlComSvcDft_Cnt_lgc
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MtrElecMechPolarity_Cnt_s08	tgt_CDDInterface_Per4_MtrElecMechPolarity_Cnt_s08
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MtrParmNrmLrnSrlComSvcDft_	tgt_CDDInterface_Per4_MtrParmNrmLrnSrlComSvcDft_Cnt_lgc
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MtrVelNrmLrnSrlComSvcDft_Co$	tgt_CDDInterface_Per4_MtrVelNrmLrnSrlComSvcDft_Cnt_lgc
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MultIgnSrlComSvcDft_Cnt_Igc	tgt_CDDInterface_Per4_MultIgnSrlComSvcDft_Cnt_Igc
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_PosTrajEnable_Cnt_lgc	tgt_CDDInterface_Per4_PosTrajEnable_Cnt_lgc
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_PullCompLrnSrlComSvcDft_Cn	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_PullCompSrlComSvcDft_Cnt_lg	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ReturnSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_ReturnSrlComSvcDft_Cnt_lgc
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_RxMsgsSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_RxMsgsSrlComSvcDft_Cnt_lgc
tgt Rte Inst Sa CDDInterface.CDDInterface Per4 SftEndStpSrlComSvcDft Cnt kg	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_SrlComSvcDft_Cnt_b32	tgt_CDDInterface_Per4_SrlComSvcDft_Cnt_b32
tgt Rte Inst Sa CDDInterface.CDDInterface Per4 ThermalDCSrlComSvcDft Cnt	tgt_CDDInterface_Per4_ThermalDCSrlComSvcDft_Cnt_lgc
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_TrqRmpSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_TrqRmpSrlComSvcDft_Cnt_lgc
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_WIRMfgEnabled_Cnt_Igc	tgt_CDDInterface_Per4_WIRMfgEnabled_Cnt_lgc
Name	Actual Value Expected Value Result
CDD_ModldxSrlComSvcDft_Cnt_G_u16	0 0 v
	• • •





Name	Actual Value	Expected Value	Result
PrevMtrElecMechPolarity_Cnt_M_s08	1	1	~
tgt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_DisableCEBusNormComm_Cnt_lgc.value	1	1	✓
tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc.value	0	0	•
tgt_CDDInterface_Per4_DwnldAsstGain_Uls_f32.value	5.36000013	5.36000013 ± 0.000009	~
tgt_CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_EOTThermalSrlComSvcDft_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_FricLrnSrlComSvcDft_Cnt_lgc.value	0	0	✓
tgt_CDDInterface_Per4_HysAddSrlComSvcDft_Cnt_lgc.value	0	0	✓
tgt_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_lgc.value	0	0	•
tgt_CDDInterface_Per4_KinIntDiagSrlComSvcDft_Cnt_lgc.value	0	0	•
tgt_CDDInterface_Per4_LimitSrlComSvcDft_Cnt_lgc.value	0	0	•
tgt_CDDInterface_Per4_MEC_Cnt_enum.value	2	2	~
tgt_CDDInterface_Per4_MfgDiagInhibit_Cnt_lgc.value	1	1	•
tgt_CDDInterface_Per4_ModIdxSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_MtrParmNrmLrnSrlComSvcDft_Cnt_lgc.value	1	1	•
tgt_CDDInterface_Per4_MtrVelNrmLrnSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_MultIgnSrlComSvcDft_Cnt_lgc.value	0	0	•
tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_PosTrajEnable_Cnt_lgc.value	1	1	•
tgt_CDDInterface_Per4_PullCompLrnSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_PullCompSrlComSvcDft_Cnt_lgc.value	1	1	•
tgt_CDDInterface_Per4_ReturnSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_RxMsgsSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_SftEndStpSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_SrlComSvcDft_Cnt_b32.value	6328	6328	~
tgt_CDDInterface_Per4_ThermalDCSrlComSvcDft_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_TrqRmpSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_WIRMfgEnabled_Cnt_lgc.value	0	0	~

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Sa_CDDInterface_CDDPorts_ApplyMtrElecMechPol	1	Rte_Call_Sa_CDDInterface_CDDPorts_ApplyMtrElecMechPol	1	~

Test Step 2.27 (Repeat Count = 1)	✓
Name	Input Value
CDD_BallNutTempEstDisableSvc_Cnt_G_lgc	1
CDD_DftAsstTbl_Cnt_G_lgc	0
CDD_DisableCEBusNormComm_Cnt_lgc	0
CDD_DisableHSBusNormComm_Cnt_lgc	0
CDD_DwnldAsstGain_Uls_G_f32	6.28000021
CDD_EOLNxtrWIRSelect_Cnt_G_u16	9658
CDD_EOLSrlComSvcDft_Cnt_G_b32	7895
CDD_GenPosTrajEnableFlag_Cnt_G_lgc	0
CDD_PullCompDisableSvc_Cnt_G_lgc	0
CDD_PwrAsstModeSvc_Cnt_G_lgc	1
CDD_SftEndStpDisableSvc_Cnt_G_lgc	1
CDD_WIRDisableSvc_Cnt_G_lgc	1
MfgDiagInhibit_Uls_G_lgc	0
Nvm_CMEC_Cnt_u8	148
NxtrMEC_Uls_G_enum	1
PrevMtrElecMechPolarity_Cnt_M_s08	1
Rte_Inst_Sa_CDDInterface	tgt_Rte_Inst_Sa_CDDInterface
tgt_CDDInterface_Per4_MtrElecMechPolarity_Cnt_s08.value	-1
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Signature and the property of the $	tgt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_lgc
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgargeries and the state of the stat$	tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DftAsstTbl_Cnt_lgc	tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DisableCEBusNormComm_CntDInterface_Pe$	tgt_CDDInterface_Per4_DisableCEBusNormComm_Cnt_lgc
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DisableHSBusNormComm_CntDInterface_Pe$	tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface.CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface.CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface.CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface.CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface.CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_DrivingDynSrlComSvcDft_Dri$	tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DwnldAsstGain_Uls_f32	tgt_CDDInterface_Per4_DwnldAsstGain_Uls_f32
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_EOTImpactSrIComSvcDft_Cnt_Results (Signature of the Compact of$	tgt_CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_lgc
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_EOTThermalSrlComSvcDft_Cnressions and the state of the state$	tgt_CDDInterface_Per4_EOTThermalSrlComSvcDft_Cnt_lgc
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc$	tgt_CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_FreqDepDmpSrlComSvcDft_Crarge$	tgt_CDDInterface_Per4_FreqDepDmpSrlComSvcDft_Cnt_lgc





Name	Input Value		
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_FricLrnSrlComSvcDft_Cnt_lgc$	tgt_CDDInterface_Per4_FricLrnSrlComSvcD	ft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_HysAddSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_HysAddSrlComSvcE	Oft_Cnt_lgc	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_HystCompSrlComSvcDInterface_Per4_HystCompSrlComSvcDInterface_Per4_HystCompSrlComSvcDInterface_Per4_HystCompSrl$	tgt_CDDInterface_Per4_HystCompSrlComSv	/cDft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_KinIntDiagSrlComSvcDft_Cnt_I	tgt_CDDInterface_Per4_KinIntDiagSrlComSv	/cDft_Cnt_lgc	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_LimitSrlComSvcDft_Cnt_lgc$	tgt_CDDInterface_Per4_LimitSrlComSvcDft_	Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MEC_Cnt_enum	tgt_CDDInterface_Per4_MEC_Cnt_enum		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MfgDiagInhibit_Cnt_lgc	tgt_CDDInterface_Per4_MfgDiagInhibit_Cnt_	<u>lgc</u>	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ModldxSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_ModIdxSrlComSvcD	ft_Cnt_lgc	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MtrElecMechPolarity_Cnt_s08$	tgt_CDDInterface_Per4_MtrElecMechPolarity	/_Cnt_s08	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MtrParmNrmLrnSrlComSvcDft_		ComSvcDft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MtrVelNrmLrnSrlComSvcDft_C	tgt_CDDInterface_Per4_MtrVelNrmLrnSrlCor	mSvcDft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MultIgnSrlComSvcDft_Cnt_Igc	tgt_CDDInterface_Per4_MultIgnSrlComSvcD		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_PosTrajEnable_Cnt_lgc	tgt_CDDInterface_Per4_PosTrajEnable_Cnt_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_PullCompLrnSrlComSvcDft_Cn			
tgt Rte Inst Sa CDDInterface.CDDInterface Per4 PullCompSrlComSvcDft Cnt Iq			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ReturnSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_ReturnSrlComSvcDf		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_RxMsgsSrlComSvcDft_Cnt_Igc			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_SftEndStpSrlComSvcDft_Cnt_le			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_SrlComSvcDft_Cnt_b32	tgt_CDDInterface_Per4_SrlComSvcDft_Cnt_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ThermalDCSrlComSvcDft_Cnt_			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_TrqRmpSrlComSvcDft_Cnt_Igc			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_WIRMfgEnabled_Cnt_lgc	tgt_CDDInterface_Per4_WIRMfgEnabled_Cr		D
Name	Actual Value	Expected Value	Result
CDD_ModldxSrlComSvcDft_Cnt_G_u16	1	1	Y
PrevMtrElecMechPolarity_Cnt_M_s08	-1	-1	Y
tgt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_lgc.value	1	1	V
tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc.value	0	0	V
tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc.value	0	0	- 4
tgt_CDDInterface_Per4_DisableCEBusNormComm_Cnt_lgc.value	0	0	V
tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc.value	0	0	V
tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc.value	0	0	¥
tgt_CDDInterface_Per4_DwnIdAsstGain_Uls_f32.value	6.28000021	6.28000021 ± 0.000009	-
tgt_CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTThermalSrlComSvcDft_Cnt_lgc.value	0	0	
	1	1	~
tgt_CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc.value	1	1	
tgt_CDDInterface_Per4_FreqDepDmpSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_FricLrnSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt CDDInterface Per4 HysAddSrlComSvcDft Cnt Igc.value	0	0	
tgt CDDInterface Per4 HystCompSrlComSvcDft Cnt Igc.value	0	0	~
tgt_CDDInterface_Per4_KinIntDiagSrlComSvcDft_Cnt_lgc.value	1	1	
tgt_CDDInterface_Per4_LimitSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_MEC_Cnt_enum.value	1	1	,
tgt_CDDInterface_Per4_MfgDiagInhibit_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_ModidxSrlComSvcDft_Cnt_lgc.value	1	1	
tgt_CDDInterface_Per4_MtrParmNrmLrnSrlComSvcDft_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_MtrVelNrmLrnSrlComSvcDft_Cnt_lgc.value	1	1	_
tgt_CDDInterface_Per4_MultIgnSrlComSvcDft_Cnt_Igc.value	0	0	~
tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc.value	1	1	_
tgt_CDDInterface_Per4_PosTrajEnable_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_PullCompLrnSrlComSvcDft_Cnt_lgc.value	0	0	_
tgt_CDDInterface_Per4_PullCompSrlComSvcDft_Cnt_lgc.value	1	1	-
tgt_CDDInterface_Per4_ReturnSrlComSvcDft_Cnt_lgc.value	0	0	-
tgt_CDDInterface_Per4_RxMsgsSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_SftEndStpSrlComSvcDft_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_SrlComSvcDft_Cnt_b32.value	7895	7895	~
tgt_CDDInterface_Per4_ThermalDCSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_TrqRmpSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_WIRMfgEnabled_Cnt_lgc.value	0	0	-

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Sa_CDDInterface_CDDPorts_ApplyMtrElecMechPol	1	Rte_Call_Sa_CDDInterface_CDDPorts_ApplyMtrElecMechPol	1	~

Test Step 2.28 (Repeat Count = 1)	✓
Name	Input Value
CDD_BallNutTempEstDisableSvc_Cnt_G_lgc	1
CDD_DftAsstTbl_Cnt_G_lgc	1
CDD_DisableCEBusNormComm_Cnt_lgc	1
CDD_DisableHSBusNormComm_Cnt_lgc	1





Name	Input Value		
CDD_DwnldAsstGain_Uls_G_f32	7.48000002		
CDD_EOLNxtrWIRSelect_Cnt_G_u16	2547		
CDD_EOLSrlComSvcDft_Cnt_G_b32	3289		
CDD_GenPosTrajEnableFlag_Cnt_G_lgc CDD_PullCompDisableSvc_Cnt_G_lgc	1		
CDD_PwrAsstModeSvc_Cnt_G_lgc	0		
CDD_SftEndStpDisableSvc_Cnt_G_lgc	0		
CDD_WIRDisableSvc_Cnt_G_lgc	0		
MfgDiagInhibit_Uls_G_lgc	1		
Nvm_CMEC_Cnt_u8	153		
NxtrMEC_Uls_G_enum	0		
PrevMtrElecMechPolarity_Cnt_M_s08 Rte_Inst_Sa_CDDInterface	0		
tgt CDDInterface Per4 MtrElecMechPolarity Cnt s08.value	tgt_Rte_Inst_Sa_CDDInterface		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_BallNutTempEstSrlComSvcDft_		omSvcDft Cnt lqc	
tgt Rte Inst Sa CDDInterface.CDDInterface Per4 DampingSrlComSvcDft Cnt Igo			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DftAsstTbl_Cnt_lgc	tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc		
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DisableCEBusNormComm_Cnt$			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DisableHSBusNormComm_Cnt			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DwnldAsstGain_Uls_f32 tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_	tgt_CDDInterface_Per4_DwnldAsstGain_Uls_		
tgt Rte Inst Sa CDDInterface.CDDInterface Per4 EOTThermalSrlComSvcDft Cn			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_EngONSrlComSvcDf		
tgt Rte Inst Sa CDDInterface.CDDInterface Per4 FreqDepDmpSrlComSvcDft Cr			
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_FricLrnSrlComSvcDft_Cnt_lgc$	tgt_CDDInterface_Per4_FricLrnSrlComSvcDf	t_Cnt_lgc	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_HysAddSrlComSvcDft_Cnt_lgc$	tgt_CDDInterface_Per4_HysAddSrlComSvcD	ft_Cnt_lgc	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_leads and the state of the state of$			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_KinIntDiagSrlComSvcDft_Cnt_I			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_LimitSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_LimitSrlComSvcDft_(Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MEC_Cnt_enum tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MfgDiagInhibit_Cnt_lgc	tgt_CDDInterface_Per4_MEC_Cnt_enum tgt_CDDInterface_Per4_MfgDiagInhibit_Cnt_l	lac	
tgt Rte Inst Sa CDDInterface.CDDInterface Per4 ModIdxSrlComSvcDft Cnt Igc	tgt CDDInterface Per4 ModldxSrlComSvcDf		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MtrElecMechPolarity_Cnt_s08	tgt_CDDInterface_Per4_MtrElecMechPolarity		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MtrParmNrmLrnSrlComSvcDft_			
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MtrVelNrmLrnSrlComSvcDft_Classifications and the state of th$	tgt_CDDInterface_Per4_MtrVelNrmLrnSrlCon	nSvcDft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MultIgnSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_MultIgnSrlComSvcDt	ft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_PosTrajEnable_Cnt_Igc	tgt_CDDInterface_Per4_PosTrajEnable_Cnt_	•	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_PullCompLrnSrlComSvcDft_Cn tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_PullCompSrlComSvcDft_Cnt_lg			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ReturnSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_ReturnSrlComSvcDff		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_RxMsgsSrlComSvcDft_Cnt_lgc			
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_SftEndStpSrlComSvcDft_Cnt_l(total) and the state of the stat$	tgt_CDDInterface_Per4_SftEndStpSrlComSvd	cDft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_SrlComSvcDft_Cnt_b32	tgt_CDDInterface_Per4_SrlComSvcDft_Cnt_t	032	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ThermalDCSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_ThermalDCSrlComSvcDinterface_Per4_ThermalDCSrlComSvcDinterface_Per4_ThermalDCSrlComSvcDinterface_Per4_ThermalDCSrlComSvcDinte$			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_TrqRmpSrlComSvcDft_Cnt_lgc			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_WIRMfgEnabled_Cnt_lgc	tgt_CDDInterface_Per4_WIRMfgEnabled_Cn		D
Name	Actual Value	Expected Value	Result
CDD_ModIdxSrlComSvcDft_Cnt_G_u16 PrevMtrElecMechPolarity_Cnt_M_s08	0	0	~
tgt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_lgc.value	1	1	
tgt CDDInterface Per4 DampingSrlComSvcDft Cnt Igc.value	0	0	•
tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_DisableCEBusNormComm_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_DwnldAsstGain_Uls_f32.value	7.48000002	7.48000002 ± 0.000009	~
tgt_CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_lgc.value	1	1	V
tgt_CDDInterface_Per4_EOTThermalSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_EngONShCollisvcDit_Cht_igc.value	0	0	_
tgt_CDDInterface_Per4_FricLrnSrlComSvcDft_Cnt_lgc.value	0	0	•
	0	0	•
tgt_CDDInterface_Per4_HysAddSrlComSvcDft_Cnt_lgc.value		0	✓
tgt_CDDInterface_Per4_HysAddSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_lgc.value	0	U	
tgt_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_KinIntDiagSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_KinIntDiagSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_LimitSrlComSvcDft_Cnt_lgc.value	0	0	•
tgt_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_KinIntDiagSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_LimitSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MEC_Cnt_enum.value	0 0 0	0 0 0	·
tgt_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_KinIntDiagSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_LimitSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MEC_Cnt_enum.value tgt_CDDInterface_Per4_MfgDiagInhibit_Cnt_lgc.value	0 0 0 1	0 0 0 1	, , , , , , , , , , , , , , , , , , ,
tgt_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_KinIntDiagSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_LimitSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MEC_Cnt_enum.value tgt_CDDInterface_Per4_MfgDiagInhibit_Cnt_lgc.value tgt_CDDInterface_Per4_ModIdxSrlComSvcDft_Cnt_lgc.value	0 0 0 1 0	0 0 0 1	·
tgt_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_KinIntDiagSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_LimitSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MEC_Cnt_enum.value tgt_CDDInterface_Per4_MfgDiagInhibit_Cnt_lgc.value	0 0 0 1	0 0 0 1	, , , , , , , , , , , , , , , , , , ,

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Name	Actual Value	Expected Value	Result
tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_PosTrajEnable_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_PullCompLrnSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_PullCompSrlComSvcDft_Cnt_lgc.value	1	1	•
tgt_CDDInterface_Per4_ReturnSrlComSvcDft_Cnt_lgc.value	0	0	•
tgt_CDDInterface_Per4_RxMsgsSrlComSvcDft_Cnt_lgc.value	0	0	✓
tgt_CDDInterface_Per4_SftEndStpSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_SrlComSvcDft_Cnt_b32.value	3289	3289	•
tgt_CDDInterface_Per4_ThermalDCSrlComSvcDft_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_TrqRmpSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_WIRMfgEnabled_Cnt_lgc.value	0	0	~

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Sa_CDDInterface_CDDPorts_ApplyMtrElecMechPol	1	Rte_Call_Sa_CDDInterface_CDDPorts_ApplyMtrElecMechPol	1	~



Test Step 2.29 (Repeat Count = 1)			✓
Name	Input Value		Ť
CDD_BallNutTempEstDisableSvc_Cnt_G_lgc	0		
CDD_DftAsstTbl_Cnt_G_lgc	1		
CDD_DisableCEBusNormComm_Cnt_lgc	0		
CDD_DisableHSBusNormComm_Cnt_lgc	0		
CDD_DwnldAsstGain_Uls_G_f32	0		
CDD_EOLNxtrWIRSelect_Cnt_G_u16	1258		
CDD_EOLSrlComSvcDft_Cnt_G_b32	3258		
CDD_GenPosTrajEnableFlag_Cnt_G_lgc CDD_PullCompDisableSvc_Cnt_G_lgc	0		
CDD_PwrAsstModeSvc_Cnt_G_lgc	1		
CDD_SftEndStpDisableSvc_Cnt_G_lgc	1		
CDD_WIRDisableSvc_Cnt_G_lgc	1		
MfgDiagInhibit_Uls_G_lgc	0		
Nvm_CMEC_Cnt_u8	174		
NxtrMEC_UIs_G_enum	2		
PrevMtrElecMechPolarity_Cnt_M_s08 Rte_Inst_Sa_CDDInterface	tgt_Rte_Inst_Sa_CDDInterface		
tgt_CDDInterface_Per4_MtrElecMechPolarity_Cnt_s08.value	-1		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_BallNutTempEstSrlComSvcDft_		comSvcDft Cnt lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DampingSrlComSvcDft_Cnt_Igu			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DftAsstTbl_Cnt_lgc	tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DisableCEBusNormComm_Cnt		,	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DisableHSBusNormComm_Cnt			
tgt Rte Inst Sa CDDInterface.CDDInterface Per4 DrivingDynSrlComSvcDft Cnt tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DwnldAsstGain_Uls_f32	tgt_CDDInterface_Per4_DrivingDynSrlComSrtgt CDDInterface Per4 DwnldAsstGain Uls		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_	tgt_CDDInterface_Per4_EOTImpactSrlComS		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_EOTThermalSrlComSvcDft_Cn	tgt CDDInterface Per4 EOTThermalSrlCom		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_EngONSrlComSvcDft_Cnt_Igc	tgt_CDDInterface_Per4_EngONSrlComSvcD		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_FreqDepDmpSrlComSvcDft_Cr	tgt_CDDInterface_Per4_FreqDepDmpSrlCon	nSvcDft_Cnt_lgc	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_FricLrnSrlComSvcDft_Cnt_lgc$	tgt_CDDInterface_Per4_FricLrnSrlComSvcDf		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_HysAddSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_HysAddSrlComSvcD		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_I			
tgt Rte Inst Sa CDDInterface.CDDInterface Per4 KinIntDiagSrlComSvcDft Cnt letgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_LimitSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_KinIntDiagSrlComSv tgt_CDDInterface_Per4_LimitSrlComSvcDft_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MEC_Cnt_enum	tgt_CDDInterface_Per4_MEC_Cnt_enum		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MfgDiagInhibit_Cnt_lgc	tgt_CDDInterface_Per4_MfgDiagInhibit_Cnt_	<u>lgc</u>	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ModIdxSrlComSvcDft_Cnt_lgc$	tgt_CDDInterface_Per4_ModldxSrlComSvcD	ft_Cnt_lgc	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MtrElecMechPolarity_Cnt_s08$	tgt_CDDInterface_Per4_MtrElecMechPolarity		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MtrParmNrmLrnSrlComSvcDft_	tgt_CDDInterface_Per4_MtrParmNrmLrnSrlC		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MtrVelNrmLrnSrlComSvcDft_Ci		*	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MultIgnSrlComSvcDft_Cnt_lgc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_MultIgnSrlComSvcD tgt_CDDInterface_Per4_ParkAstSrlComSvcD		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_PosTrajEnable_Cnt_Igc	tgt_CDDInterface_Per4_PosTrajEnable_Cnt_	,	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_PullCompLrnSrlComSvcDft_Cn			
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_PullCompSrlComSvcDft_Cnt_lgrams and the property of the prope$	tgt_CDDInterface_Per4_PullCompSrlComSvd	cDft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ReturnSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_ReturnSrlComSvcDf		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_RxMsgsSrlComSvcDft_Cnt_lgc			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_SftEndStpSrlComSvcDft_Cnt_lctgt Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_SrlComSvcDft Cnt_b32	tgt_CDDInterface_Per4_SftEndStpSrlComSv tgt_CDDInterface_Per4_SrlComSvcDft_Cnt_		
tgt_Rte_inst_sa_codimenace.codimenace_rer4_shcomsvcbit_cht_bs2 tgt_Rte_inst_sa_codimenace.codimenace_rer4_shcomsvcbit_cht_bs2 tgt_Rte_inst_sa_codimenace.codimenace_rer4_shcomsvcbit_cht_bs2	tgt_CDDInterface_Per4_Shcomsvcbit_Cht_ tgt_CDDInterface_Per4_ThermalDCSrlComS		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_TrqRmpSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_TrqRmpSrlComSvcE		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_WIRMfgEnabled_Cnt_Igc	tgt_CDDInterface_Per4_WIRMfgEnabled_Cn	ıt_lgc	
Name	Actual Value	Expected Value	Result
CDD_ModldxSrlComSvcDft_Cnt_G_u16	0	0	~
PrevMtrElecMechPolarity_Cnt_M_s08	-1	-1	~
tgt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_lgc.value	0	0	V
tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc.value	0	0	*
tgt_CDDInterface_rer4_DisAssTrbi_Cnt_gc.value tgt_CDDInterface_Per4_DisableCEBusNormComm_Cnt_lgc.value	0	0	-
tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc.value	0	0	
tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc.value	0	0	•
tgt_CDDInterface_Per4_DwnldAsstGain_UIs_f32.value	0	0 ± 0.000009	-
tgt_CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_lgc.value	1	1	•
tgt_CDDInterface_Per4_EOTThermalSrlComSvcDft_Cnt_lgc.value	1	1	•
tgt_CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc.value	1	1	*
tgt_CDDInterface_Per4_FreqDepDmpSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_FricLrmSrlComSvcDft_Cnt_lgc.value	0	0	*
tgt_CDDInterface_Per4_HysAddSrlComSvcDft_Cnt_lgc.value	0	0	-
tgt_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_lgc.value	0	0	•
tgt_CDDInterface_Per4_KinIntDiagSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_LimitSrlComSvcDft_Cnt_lgc.value	0	0	· ·

 $tgt_CDDInterface_Per4_RxMsgsSrlComSvcDft_Cnt_lgc.value$

 $tgt_CDDInterface_Per4_SftEndStpSrlComSvcDft_Cnt_lgc.value\\ tgt_CDDInterface_Per4_SrlComSvcDft_Cnt_b32.value\\$

 $tgt_CDDInterface_Per4_ThermalDCSrlComSvcDft_Cnt_lgc.value\\ tgt_CDDInterface_Per4_TrqRmpSrlComSvcDft_Cnt_lgc.value\\$

tgt_CDDInterface_Per4_WIRMfgEnabled_Cnt_lgc.value

CDDInterface_Per4

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0

0

0

3258

3258

0

0



Name	Actual Value	Expected Value	Result
tgt_CDDInterface_Per4_MEC_Cnt_enum.value	2	2	~
tgt_CDDInterface_Per4_MfgDiagInhibit_Cnt_lgc.value	0	0	•
tgt_CDDInterface_Per4_ModIdxSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_MtrParmNrmLrnSrlComSvcDft_Cnt_lgc.value	1	1	•
tgt_CDDInterface_Per4_MtrVelNrmLrnSrlComSvcDft_Cnt_lgc.value	0	0	•
tgt_CDDInterface_Per4_MultIgnSrlComSvcDft_Cnt_lgc.value	0	0	•
tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc.value	0	0	•
tgt_CDDInterface_Per4_PosTrajEnable_Cnt_lgc.value	1	1	•
tgt_CDDInterface_Per4_PullCompLrnSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_PullCompSrlComSvcDft_Cnt_lgc.value	1	1	•
tgt_CDDInterface_Per4_ReturnSrlComSvcDft_Cnt_lgc.value	0	0	~

Test Step Call Trace				V	
	Actual Function	Count	Expected Function	Count	Result
	none	0	*** No Call Expected ***	0	~

Test Step 2.30 (Repeat Count = 1)	.
Name	Input Value
CDD BallNutTempEstDisableSvc Cnt G lgc	1
CDD_DftAsstTbl_Cnt_G_lgc	0
CDD_DisableCEBusNormComm_Cnt_lgc	1
CDD DisableHSBusNormComm Cnt Igc	1
CDD DwnldAsstGain Uls G f32	10
CDD EOLNxtrWIRSelect Cnt G u16	3658
CDD EOLSrlComSvcDft Cnt G b32	6587
CDD GenPosTrajEnableFlag Cnt G lgc	1
CDD PullCompDisableSvc Cnt G Igc	1
CDD_PwrAsstModeSvc_Cnt_G_lgc	0
CDD SftEndStpDisableSvc Cnt G lgc	0
CDD WIRDisableSvc Cnt G lqc	1
	1
MfgDiagInhibit_Uls_G_lgc	185
Nvm_CMEC_Cnt_u8	0
NxtrMEC_UIs_G_enum	•
PrevMtrElecMechPolarity_Cnt_M_s08	1 tot Dto Inst Co CDDIstorfood
Rte_Inst_Sa_CDDInterface	tgt_Rte_Inst_Sa_CDDInterface
tgt_CDDInterface_Per4_MtrElecMechPolarity_Cnt_s08.value	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_BallNutTempEstSrlComSvcDft_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgr	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DftAsstTbl_Cnt_lgc	tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DisableCEBusNormComm_Cnt	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DisableHSBusNormComm_Cnt	
tgt Rte Inst Sa CDDInterface.CDDInterface Per4 DrivingDynSrlComSvcDft Cnt	tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DwnldAsstGain_Uls_f32	tgt_CDDInterface_Per4_DwnldAsstGain_Uls_f32
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_EOTThermalSrlComSvcDft_Cn	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_FreqDepDmpSrlComSvcDft_Cr	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_FricLrnSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_FricLrnSrlComSvcDft_Cnt_lgc
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_HysAddSrlComSvcDft_Cnt_lgc$	tgt_CDDInterface_Per4_HysAddSrlComSvcDft_Cnt_lgc
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_Inst_Sa_CDDInterface.CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_Inst_Sa_CDDInterface.CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_Inst_Sa_CDDInterface.CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_Inst_Sa_CDDInterface.CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_Inst_Sa_CDDInterface.CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_Inst_Sa_CDDInterface.CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_Inst_Sa_CDDInterface.CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_Inst_Sa_CDDInterface.CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_Inst_Sa_CDDInterface.CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_Inst_Sa_CDDInterface.CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_Inst_Sa_CDDInterface.CDDInterfac$	
tgt Rte Inst Sa CDDInterface.CDDInterface Per4 KinIntDiagSrlComSvcDft Cnt I	tgt_CDDInterface_Per4_KinIntDiagSrlComSvcDft_Cnt_lgc
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_LimitSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_LimitSrlComSvcDft_Cnt_lgc
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MEC_Cnt_enum	tgt_CDDInterface_Per4_MEC_Cnt_enum
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MfgDiagInhibit_Cnt_lgc	tgt_CDDInterface_Per4_MfgDiagInhibit_Cnt_lgc
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ModIdxSrlComSvcDft_Cnt_lgc$	tgt_CDDInterface_Per4_ModIdxSrlComSvcDft_Cnt_lgc
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MtrElecMechPolarity_Cnt_s08$	tgt_CDDInterface_Per4_MtrElecMechPolarity_Cnt_s08
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MtrParmNrmLrnSrlComSvcDft_Inst_Sa_CDDInterface.CDDInterface_Per4_MtrParmNrmLrnSrlComSvcDft_Inst_Sa_CDDInterface.CDDInterface_Per4_MtrParmNrmLrnSrlComSvcDft_Inst_Sa_CDDInterface.CDDInterface_Per4_MtrParmNrmLrnSrlComSvcDft_Inst_Sa_CDDInterface.CDDInterface_Per4_MtrParmNrmLrnSrlComSvcDft_Inst_Sa_CDDInterface.CDDInterface_Per4_MtrParmNrmLrnSrlComSvcDft_Inst_Sa_CDDInterface.CDDInterface_Per4_MtrParmNrmLrnSrlComSvcDft_Inst_Sa_CDDInterface.CDDInterface_Per4_MtrParmNrmLrnSrlComSvcDft_Inst_Sa_CDDInterface.CDDInterface_Per4_MtrParmNrmLrnSrlComSvcDft_Inst_Sa_CDDInterface.CDDInterface_Per4_MtrParmNrmLrnSrlComSvcDft_Inst_Sa_CDDInterface.$	tgt_CDDInterface_Per4_MtrParmNrmLrnSrlComSvcDft_Cnt_lgc
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MtrVelNrmLrnSrlComSvcDft_Co$	tgt_CDDInterface_Per4_MtrVelNrmLrnSrlComSvcDft_Cnt_lgc
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MultIgnSrlComSvcDft_Cnt_Igc$	tgt_CDDInterface_Per4_MultIgnSrlComSvcDft_Cnt_lgc
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc$	tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_PosTrajEnable_Cnt_lgc	tgt_CDDInterface_Per4_PosTrajEnable_Cnt_lgc
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_PullCompLrnSrlComSvcDft_Cngpt_Results_{action} = 0.0000000000000000000000000000000000$	tgt_CDDInterface_Per4_PullCompLrnSrlComSvcDft_Cnt_lgc
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_PullCompSrlComSvcDft_Cnt_lg$	tgt_CDDInterface_Per4_PullCompSrlComSvcDft_Cnt_lgc
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ReturnSrlComSvcDft_Cnt_lgc$	tgt_CDDInterface_Per4_ReturnSrlComSvcDft_Cnt_lgc





Name	Input Value			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_RxMsgsSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_RxMsgsSrlComSvcI	Dft_Cnt_lgc		
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_SftEndStpSrlComSvcDft_Cnt_log_ComSv$	tgt_CDDInterface_Per4_SftEndStpSrlComSv	tgt_CDDInterface_Per4_SftEndStpSrlComSvcDft_Cnt_lgc		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_SrlComSvcDft_Cnt_b32	tgt_CDDInterface_Per4_SrlComSvcDft_Cnt_b32			
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ThermalDCSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_ThermalDCSrlComSvcDft_Cnt_ThermalDCSrlComSvcDft_Cnt_ThermalDCSrlComSvcDft_Cnt_ThermalDCSrlComSvcDft_Cnt_ThermalDCSrlComSvcDft_Cnt_ThermalDCSrlComSvcDft_Cnt_ThermalDCSrlComSvcDft_Cnt_ThermalDCSrlComSvcDft_Cnt_ThermalDCSrlComSvcDft_Cnt_ThermalDCSrlComSvcDft_Cnt_ThermalDCSrlComSvcDft_Cnt_ThermalDCSrlComSvcDft_Cnt_ThermalDCSrlComSvcDft_Cnt_ThermalDCSrlComSvcDft_Cnt_ThermalDCSrlComSvcDft_Cnt_ThermalDCSrlComSvcDft_Cnt_ThermalDCSrlComSvcDft$	tgt_CDDInterface_Per4_ThermalDCSrlComS	SvcDft_Cnt_lgc		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_TrqRmpSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_TrqRmpSrlComSvcI	Oft_Cnt_lgc		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_WIRMfgEnabled_Cnt_lgc	tgt_CDDInterface_Per4_WIRMfgEnabled_Cr	nt_lgc		
Name	Actual Value	Expected Value	Result	
CDD_ModIdxSrlComSvcDft_Cnt_G_u16	0	0	~	
PrevMtrElecMechPolarity_Cnt_M_s08	1	1	~	
tgt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_lgc.value	1	1	~	
tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc.value	0	0	~	
tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc.value	0	0	~	
tgt_CDDInterface_Per4_DisableCEBusNormComm_Cnt_lgc.value	1	1	~	
tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc.value	1	1	~	
tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc.value	0	0	~	
tgt_CDDInterface_Per4_DwnldAsstGain_Uls_f32.value	10	10 ± 0.00009	~	
tgt_CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_lgc.value	1	1	~	
tgt_CDDInterface_Per4_EOTThermalSrlComSvcDft_Cnt_lgc.value	1	1	~	
tgt_CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc.value	1	1	~	
tgt_CDDInterface_Per4_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	1	1	~	
tgt_CDDInterface_Per4_FricLrnSrlComSvcDft_Cnt_lgc.value	0	0	✓	
tgt_CDDInterface_Per4_HysAddSrlComSvcDft_Cnt_lgc.value	0	0	~	
tgt_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_lgc.value	0	0	~	
tgt_CDDInterface_Per4_KinIntDiagSrlComSvcDft_Cnt_lgc.value	0	0	~	
tgt_CDDInterface_Per4_LimitSrlComSvcDft_Cnt_lgc.value	0	0	~	
tgt_CDDInterface_Per4_MEC_Cnt_enum.value	0	0	~	
tgt_CDDInterface_Per4_MfgDiagInhibit_Cnt_lgc.value	1	1	~	
tgt_CDDInterface_Per4_ModIdxSrlComSvcDft_Cnt_lgc.value	0	0	~	
tgt_CDDInterface_Per4_MtrParmNrmLrnSrlComSvcDft_Cnt_lgc.value	1	1	✓	
tgt_CDDInterface_Per4_MtrVelNrmLrnSrlComSvcDft_Cnt_lgc.value	0	0	~	
tgt_CDDInterface_Per4_MultIgnSrlComSvcDft_Cnt_Igc.value	0	0	✓	
tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc.value	1	1	~	
tgt_CDDInterface_Per4_PosTrajEnable_Cnt_lgc.value	1	1	~	
tgt_CDDInterface_Per4_PullCompLrnSrlComSvcDft_Cnt_lgc.value	0	0	~	
tgt_CDDInterface_Per4_PullCompSrlComSvcDft_Cnt_lgc.value	1	1	~	
tgt_CDDInterface_Per4_ReturnSrlComSvcDft_Cnt_lgc.value	0	0	~	
tgt_CDDInterface_Per4_RxMsgsSrlComSvcDft_Cnt_lgc.value	0	0	~	
tgt_CDDInterface_Per4_SftEndStpSrlComSvcDft_Cnt_lgc.value	0	0	~	
tgt_CDDInterface_Per4_SrlComSvcDft_Cnt_b32.value	6587	6587	~	
tgt_CDDInterface_Per4_ThermalDCSrlComSvcDft_Cnt_lgc.value	1	1	~	
tgt_CDDInterface_Per4_TrqRmpSrlComSvcDft_Cnt_lgc.value	1	1	~	
tgt_CDDInterface_Per4_WIRMfgEnabled_Cnt_lgc.value	0	0	~	

Test Step Call Trace			✓	
Actual Function	Count	Expected Function	Count	Result
none	0	*** No Call Expected ***	0	~

Test Step 2.31 (Repeat Count = 1)	✓
Name	Input Value
CDD_BallNutTempEstDisableSvc_Cnt_G_lgc	0
CDD_DftAsstTbl_Cnt_G_lgc	1
CDD_DisableCEBusNormComm_Cnt_lgc	0
CDD_DisableHSBusNormComm_Cnt_lgc	0
CDD_DwnldAsstGain_Uls_G_f32	5.25
CDD_EOLNxtrWIRSelect_Cnt_G_u16	4789
CDD_EOLSrlComSvcDft_Cnt_G_b32	4785
CDD_GenPosTrajEnableFlag_Cnt_G_lgc	0
CDD_PullCompDisableSvc_Cnt_G_lgc	0
CDD_PwrAsstModeSvc_Cnt_G_lgc	1
CDD_SftEndStpDisableSvc_Cnt_G_lgc	0
CDD_WIRDisableSvc_Cnt_G_lgc	0
MfgDiagInhibit_Uls_G_lgc	1
Nvm_CMEC_Cnt_u8	0
NxtrMEC_UIs_G_enum	2
PrevMtrElecMechPolarity_Cnt_M_s08	0
Rte_Inst_Sa_CDDInterface	tgt_Rte_Inst_Sa_CDDInterface
tgt_CDDInterface_Per4_MtrElecMechPolarity_Cnt_s08.value	-1
tgt Rte Inst Sa CDDInterface.CDDInterface Per4 BallNutTempEstSrlComSvcDft	tgt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_lgc
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgraderserv$	tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DftAsstTbl_Cnt_lgc	tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc





Name	Input Value		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DisableCEBusNormComm_Cnt	tgt_CDDInterface_Per4_DisableCEBusNorm	Comm_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DisableHSBusNormComm_Cnt	tgt_CDDInterface_Per4_DisableHSBusNorm	Comm_Cnt_lgc	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_SrlComS$	tgt_CDDInterface_Per4_DrivingDynSrlComS	vcDft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DwnldAsstGain_Uls_f32	tgt_CDDInterface_Per4_DwnldAsstGain_Uls		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_EOTThermalSrlComSvcDft_Cn			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_EngONSrlComSvcD		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_FreqDepDmpSrlComSvcDft_Cr tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_FricLrnSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_FreqDepDmpSrlCon tgt_CDDInterface_Per4_FricLrnSrlComSvcDi		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_HysAddSrlComSvcDft_Cnt_lgc			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_I			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_KinIntDiagSrlComSvcDft_Cnt_I			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_LimitSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_LimitSrlComSvcDft_	Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MEC_Cnt_enum	tgt_CDDInterface_Per4_MEC_Cnt_enum		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MfgDiagInhibit_Cnt_lgc	tgt_CDDInterface_Per4_MfgDiagInhibit_Cnt_	<u>lg</u> c	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ModIdxSrlComSvcDft_Cnt_lgc$	tgt_CDDInterface_Per4_ModIdxSrlComSvcD	ft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MtrElecMechPolarity_Cnt_s08	tgt_CDDInterface_Per4_MtrElecMechPolarity		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MtrParmNrmLrnSrlComSvcDft_			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MtrVelNrmLrnSrlComSvcDft_C			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MultignSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_MultIgnSrlComSvcD		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_PosTrajEnable_Cnt_lgc	tgt_CDDInterface_Per4_ParkAstSrlComSvcE tgt_CDDInterface_Per4_PosTrajEnable_Cnt_		
tgt_Rte_inst_sa_CDDInterface.CDDInterface_Per4_PosTrajEriable_Clit_igc tgt_Rte_inst_sa_CDDInterface.CDDInterface_Per4_PullCompLrnSrlComSvcDft_Cn			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_PullCompSrlComSvcDft_Cnt_lgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_PullCompSrlComSvcDft_Cnt_lgt_Rte_Inst_Sa_CDDInterface_Per4_PullCompSrlComSvcDft_Cnt_lgt_Rte_Inst_Sa_CDDInterface_Per4_PullCompSrlComSvcDft_Cnt_lgt_Rte_Inst_Sa_CDDInterface_Per4_PullCompSrlComSvcDft_Cnt_lgt_Rte_Inst_Sa_CDDInterface_Per4_PullCompSrlComSvcDft_Cnt_lgt_Rte_Inst_Sa_CDDInterface_Per4_PullCompSrlComSvcDft_Cnt_lgt_Rte_Inst_Sa_CDDInterface_Per4_PullCompSrlComSvcDft_Cnt_lgt_Rte_Inst_Sa_CDDInterface_Per4_PullCompSrlComSvcDft_Cnt_lgt_Rte_Inst_Sa_CDDInterface_Per4_PullCompSrlComSvcDft_Cnt_lgt_Rte_Inst_Sa_CDDInterface_Per4_PullCompSrlComSvcDft_Cnt_lgt_Rte_Inst_Sa_CDDInterface_Per4_PullCompSrlComSvcDft_Cnt_lgt_Rte_Inst_Sa_CDDInterface_Per4_PullCompSrlComSvcDft_Cnt_lgt_Rte_Inst_Sa_CDDInterface_Per4_PullCompSrlComSvcDft_Cnt_lgt_Rte_Inst_Sa_CDDInterface_Per4_PullCompSrlComSvcDft_Cnt_lgt_Rte_Inst_Sa_CDDInterface_Per4_PullCompSrlComSvcDft_Cnt_lgt_Rte_Inst_Sa_CDDInterface_Per4_PullCompSrlComSvcDft_Cnt_lgt_Rte_Inst_Sa_CDDInterface_Per4_PullCompSrlComSvcDft_Cnt_lgt_Rte_Inst_Sa_CDDInterface_Per4_PullComSvcDft_Cnt_lgt_Rte_Inst_Sa_CDDInterface_Per4_PullComSvcDft_Cnt_lgt_Rte_Inst_Sa_CDDInterface_Per4_PullComSvcDft_Cnt_lgt_Rte_Inst_Sa_CDDInterface_Per4_PullComSvcDft_Cnt_lgt_Rte_Inst_Sa_CDDInterface_Per4_PullComSvcDft_Cnt_lgt_Rte_Inst_Sa_CDDInterface_Per4_PullComSvcDft_Cnt_lgt_Rte_Inst_Sa_CDDInterface_Per4_PullComSvcDft_Cnt_lgt_Rte_Inst_Sa_CDDInterface_Per4_PullComSvcDft_Cnt_lgt_Rte_Inst_Sa_CDDInterface_Per4_PullComSvcDft_Cnt_lgt_Rte_Inst_Sa_CDDInterface_Per4_PullComSvcDft_Cnt_lgt_Rte_Inst_Sa_CDDInterface_Per4_Per4_PullComSvcDft_Cnt_lgt_Rte_Inst_Sa_CDDInterface_Per4_Per4_Per4_Per4_Per4_Per4_Per4_Per			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ReturnSrlComSvcDft_Cnt_Igc	tgt_CDDInterface_Per4_ReturnSrlComSvcDf		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_RxMsgsSrlComSvcDft_Cnt_lgc			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_SftEndStpSrlComSvcDft_Cnt_lq	tgt_CDDInterface_Per4_SftEndStpSrlComSv	cDft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_SrlComSvcDft_Cnt_b32	tgt_CDDInterface_Per4_SrlComSvcDft_Cnt_	b32	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ThermalDCSrlComSvcDft_Cnt_Results (See Supplied From Sec Supplied From $	tgt_CDDInterface_Per4_ThermalDCSrlComS	vcDft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_TrqRmpSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_TrqRmpSrlComSvcI	Oft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_WIRMfgEnabled_Cnt_lgc	tgt_CDDInterface_Per4_WIRMfgEnabled_Cn	ıt_lgc	
Name	Actual Value	Expected Value	Result
CDD_ModldxSrlComSvcDft_Cnt_G_u16	1	1	~
PrevMtrElecMechPolarity_Cnt_M_s08	-1	-1 0	*
tgt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc.value	1	1	-
tgt_CDDInterface_Per4_DisableCEBusNormComm_Cnt_lgc.value	0	0	✓
tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_DwnldAsstGain_Uls_f32.value	5.25	5.25 ± 0.000009	~
$tgt_CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_lgc.value$	1	1	~
tgt_CDDInterface_Per4_EOTThermalSrlComSvcDft_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_FricLrnSrlComSvcDft_Cnt_lgc.value	0	0	V
tgt_CDDInterface_Per4_HysAddSrlComSvcDft_Cnt_lgc.value	0	0	-
tgt_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_KinIntDiagSrlComSvcDft_Cnt_lgc.value	0	0	
tgt CDDInterface Per4 LimitSrlComSvcDft Cnt lgc.value	0	0	~
tgt_CDDInterface_Per4_MEC_Cnt_enum.value	2	2	~
tgt_CDDInterface_Per4_MfgDiagInhibit_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_ModIdxSrlComSvcDft_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_MtrParmNrmLrnSrlComSvcDft_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_MtrVelNrmLrnSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_MultignSrlComSvcDft_Cnt_lgc.value	0	0	-
tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_PosTrajEnable_Cnt_lgc.value	0	0	
tgt_CDDInterface_Per4_PullCompLrnSrlComSvcDft_Cnt_lgc.value	0	0	-
tgt_CDDInterface_Per4_PullCompSrlComSvcDft_Cnt_lgc.value	0 0	0	-
tgt_CDDInterface_Per4_ReturnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_RxMsgsSrlComSvcDft_Cnt_lgc.value	0	0	
tgt_CDDInterface_Per4_RxwsgsSriComSvcDft_Cnt_igc.value tgt_CDDInterface_Per4_SftEndStpSrlComSvcDft_Cnt_igc.value	0	0	-
tgt_CDDInterface_Per4_SrlComSvcDft_Cnt_b32.value	4785	4785	V
tgt_CDDInterface_Per4_ThermalDCSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_TrqRmpSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_WIRMfgEnabled_Cnt_lgc.value	0	0	~

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Sa_CDDInterface_CDDPorts_ApplyMtrElecMechPol	1	Rte_Call_Sa_CDDInterface_CDDPorts_ApplyMtrElecMechPol	1	~



Test Step 2.32 (Repeat Count = 1)			
Name	Input Value		Ť
CDD BallNutTempEstDisableSvc Cnt G lgc	1		
CDD_DftAsstTbl_Cnt_G_lgc	0		
CDD DisableCEBusNormComm Cnt Igc	1		
CDD_DisableHSBusNormComm_Cnt_lgc	1		
CDD_DwnldAsstGain_Uls_G_f32	5.36000013		
CDD_EOLNxtrWIRSelect_Cnt_G_u16	5421		
CDD_EOLSrlComSvcDft_Cnt_G_b32	9658		
CDD_GenPosTrajEnableFlag_Cnt_G_lgc	1		
CDD_PullCompDisableSvc_Cnt_G_lgc	1		
CDD_PwrAsstModeSvc_Cnt_G_lgc CDD_SftEndStpDisableSvc_Cnt_G_lgc	1		
CDD_WIRDisableSvc_Cnt_G_lgc	1		
MfgDiagInhibit_UIs_G_lgc	0		
Nvm_CMEC_Cnt_u8	147		
NxtrMEC_Uls_G_enum	1		
PrevMtrElecMechPolarity_Cnt_M_s08	-1		
Rte_Inst_Sa_CDDInterface	tgt_Rte_Inst_Sa_CDDInterface		
tgt_CDDInterface_Per4_MtrElecMechPolarity_Cnt_s08.value	1		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_BallNutTempEstSrlComSvcDft_	tgt_CDDInterface_Per4_BallNutTempEstSrlC		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DampingSrlComSvcDft_Cnt_Igo	tgt_CDDInterface_Per4_DampingSrlComSvcl	Dft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DftAsstTbl_Cnt_lgc	tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc	Comm Cnt lac	
tgt Rte Inst Sa CDDInterface.CDDInterface Per4 DisableCEBusNormComm Cnt tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DisableHSBusNormComm_Cnt		,	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_	tgt_CDDInterface_Per4_DrivingDynSrlComSv		
tgt Rte Inst Sa CDDInterface.CDDInterface Per4 DwnldAsstGain Uls f32	tgt_CDDInterface_Per4_DwnldAsstGain_Uls_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_	tgt_CDDInterface_Per4_EOTImpactSrlComS		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_EOTThermalSrlComSvcDft_Cn	tgt_CDDInterface_Per4_EOTThermalSrlCom	SvcDft_Cnt_lgc	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc$	tgt_CDDInterface_Per4_EngONSrlComSvcDf	ft_Cnt_lgc	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_FreqDepDmpSrlComSvcDft_Crresults (Compared to the compared to$	tgt_CDDInterface_Per4_FreqDepDmpSrlCom	SvcDft_Cnt_lgc	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_FricLrnSrlComSvcDft_Cnt_lgc$	tgt_CDDInterface_Per4_FricLrnSrlComSvcDf		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_HysAddSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_HysAddSrlComSvcD		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_I	tgt_CDDInterface_Per4_HystCompSrlComSv		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_KinIntDiagSrlComSvcDft_Cnt_lg	tgt_CDDInterface_Per4_KinIntDiagSrlComSv		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_LimitSrlComSvcDft_Cnt_Igc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MEC_Cnt_enum	tgt_CDDInterface_Per4_LimitSrlComSvcDft_0 tgt_CDDInterface_Per4_MEC_Cnt_enum	Sni_ige	
tgt Rte Inst Sa CDDInterface.CDDInterface Per4 MfgDiagInhibit Cnt Igc	tgt_CDDInterface_Per4_MfgDiagInhibit_Cnt_l	lac	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ModIdxSrlComSvcDft_Cnt_Igc	tgt_CDDInterface_Per4_ModIdxSrlComSvcDi		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MtrElecMechPolarity_Cnt_s08	tgt_CDDInterface_Per4_MtrElecMechPolarity		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MtrParmNrmLrnSrlComSvcDft_	tgt_CDDInterface_Per4_MtrParmNrmLrnSrlC	omSvcDft_Cnt_lgc	
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tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_ParkAstSrlComSvcD		
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tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_PullCompLrnSrlComSvcDft_Cnt_tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_PullCompSrlComSvcDft_Cnt_lgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ReturnSrlComSvcDft_Cnt_lgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_RxMsgsSrlComSvcDft_Cnt_lgt_tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_SftEndStpSrlComSvcDft_Cnt_lgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_SrlComSvcDft_Cnt_b32_tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ThermailDCSrlComSvcDft_Cnt_tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_TrqRmpSrlComSvcDft_Cnt_tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_WIRMfgEnabled_Cnt_lgc_tr_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_WIRMfgEnabled_Cnt_lgc_Name_CDD_ModIdxSrlComSvcDft_Cnt_G_u16_PrevMtrElecMechPolarity_Cnt_M_s08_tgt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_lgc.value_tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc.value_tgt_CDDInterface_Per4_DisableCBBusNormComm_Cnt_lgc.value_tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc.value_tgt_CDDInterface_Per4_DvrivingDynSrlComSvcDft_Cnt_lgc.value_tgt_CDDInterface_Per4_DvrivingDynSrlComSvcDft_Cnt_lgc.value_tgt_CDDInterface_Per4_DvrivingDynSrlComSvcDft_Cnt_lgc.value_tgt_CDDInterface_Per4_DvnldAsstGain_Uls_f32.value_	tgt_CDDInterface_Per4_PullCompLrnSrlCom tgt_CDDInterface_Per4_PullCompSrlComSvct tgt_CDDInterface_Per4_ReturnSrlComSvcDft tgt_CDDInterface_Per4_RxMsgsSrlComSvcDt tgt_CDDInterface_Per4_SftEndStpSrlComSvct tgt_CDDInterface_Per4_SrlComSvcDft_Cnt_t tgt_CDDInterface_Per4_ThermalDCSrlComSv tgt_CDDInterface_Per4_TrqRmpSrlComSvcDt tgt_CDDInterface_Per4_WIRMfgEnabled_Cn Actual Value 0 1 1 0 0 1 1	Igc SvcDft_Cnt_lgc sDft_Cnt_lgc t_Cnt_lgc st_Cnt_lgc sDft_Cnt_lgc sDft_Cnt_lgc sDft_Cnt_lgc sDft_Cnt_lgc sDft_Cnt_lgc st_Cnt_lgc st_Cnt_lgc st_Cnt_lgc st_lgc Expected Value 0 1 1 0 0 1 1	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
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tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_PullCompLrnSrlComSvcDft_Cnt tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_PullCompSrlComSvcDft_Cnt_lgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ReturnSrlComSvcDft_Cnt_lgc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_RxMsgsSrlComSvcDft_Cnt_lgc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_SftEndStpSrlComSvcDft_Cnt_lgc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_SftEndStpSrlComSvcDft_Cnt_b32 tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_SrlComSvcDft_Cnt_b32 tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_TrqRmpSrlComSvcDft_Cnt_lgc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_WIRMfgEnabled_Cnt_lgc Name CDD_ModIdxSrlComSvcDft_Cnt_G_u16 PrevMtrElecMechPolarity_Cnt_M_s08 tgt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc.value tgt_CDDInterface_Per4_DisableCEBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DisableCEBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DvinidAsstGain_Uls_f32.value tgt_CDDInterface_Per4_DvinidAsstGain_Uls_f32.value	tgt_CDDInterface_Per4_PullCompLrnSrlCom tgt_CDDInterface_Per4_PullCompSrlComSvct tgt_CDDInterface_Per4_ReturnSrlComSvcDft tgt_CDDInterface_Per4_RxMsgsSrlComSvcDt tgt_CDDInterface_Per4_SftEndStpSrlComSvct tgt_CDDInterface_Per4_SrlComSvcDft_Cnt_t tgt_CDDInterface_Per4_ThermalDCSrlComSv tgt_CDDInterface_Per4_TrqRmpSrlComSvcDt tgt_CDDInterface_Per4_WIRMfgEnabled_Cn Actual Value 0 1 1 0 0 1 1 1 5.36000013 1	Igc SvcDft_Cnt_lgc EDft_Cnt_lgc t_Cnt_lgc t_Cnt_lgc SvcDft_Cnt_lgc SDft_Cnt_lgc SDft_Cnt_lgc SDft_Cnt_lgc SDft_Cnt_lgc SDft_Cnt_lgc SDft_Cnt_lgc STft_Cnt_lgc STf	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_PullCompLrnSrlComSvcDft_Cnt tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_PullCompSrlComSvcDft_Cnt_lgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ReturnSrlComSvcDft_Cnt_lgc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_RxMsgsSrlComSvcDft_Cnt_lgc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_SftEndStpSrlComSvcDft_Cnt_lgc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_SftEndStpSrlComSvcDft_Cnt_b32 tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_SrlComSvcDft_Cnt_b32 tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_TrqRmpSrlComSvcDft_Cnt_tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_WIRMfgEnabled_Cnt_lgc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_WIRMfgEnabled_Cnt_lgc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_WIRMfgEnabled_Cnt_lgc tgt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DisableCEBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DisableCEBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DvivingDynSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DvivingDynSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DvivingDynSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DvivingDynSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_lgc.value	tgt_CDDInterface_Per4_PullCompLrnSrlCom tgt_CDDInterface_Per4_PullCompSrlComSvcD tgt_CDDInterface_Per4_ReturnSrlComSvcDf tgt_CDDInterface_Per4_ReturnSrlComSvcDf tgt_CDDInterface_Per4_SflEndStpSrlComSvcD tgt_CDDInterface_Per4_SflEndStpSrlComSvcDf tgt_CDDInterface_Per4_ThermalDCSrlComSvcDf tgt_CDDInterface_Per4_TrqRmpSrlComSvcD tgt_CDDInterface_Per4_WIRMfgEnabled_Cn Actual Value 0 1 1 0 0 1 1 5.36000013 1 1	Igc SvcDft_Cnt_lgc EDft_Cnt_lgc t_Cnt_lgc t_Cnt_lgc SvcDft_Cnt_lgc	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_PullCompLrnSrlComSvcDft_Cnt tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_PullCompSrlComSvcDft_Cnt_lgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ReturnSrlComSvcDft_Cnt_lgc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_RxMsgsSrlComSvcDft_Cnt_lgc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_SftEndStpSrlComSvcDft_Cnt_lgc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_SftEndStpSrlComSvcDft_Cnt_b32 tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_SrlComSvcDft_Cnt_b32 tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_TrqRmpSrlComSvcDft_Cnt_tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_WIRMfgEnabled_Cnt_lgc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_WIRMfgEnabled_Cnt_lgc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_WIRMfgEnabled_Cnt_lgc tgt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DisableCEBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DisableCEBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DivingDynSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DivingDynSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DivingDynSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DivingDynSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTThermalSrlComSvcDft_Cnt_lgc.value	tgt_CDDInterface_Per4_PullCompLrnSriCom tgt_CDDInterface_Per4_PullCompSrlComSvct tgt_CDDInterface_Per4_ReturnSrlComSvcDf tgt_CDDInterface_Per4_RxMsgsSrlComSvct tgt_CDDInterface_Per4_SftEndStpSrlComSvct tgt_CDDInterface_Per4_SftEndStpSrlComSvct tgt_CDDInterface_Per4_TremalDCSrlComS tgt_CDDInterface_Per4_TremalDCSrlComS tgt_CDDInterface_Per4_TrqRmpSrlComSvcD tgt_CDDInterface_Per4_WIRMfgEnabled_Cn Actual Value 0 1 1 1 5.36000013 1 1 0	Igc SvcDft_Cnt_lgc EDft_Cnt_lgc t_Cnt_lgc t_Cnt_lgc SvcDft_Cnt_lgc EDft_Cnt_lgc SDft_Cnt_lgc SDft_Cnt_lgc SDft_Cnt_lgc SDft_Cnt_lgc STC_Ont_lgc STC_On	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_PullCompLrnSrlComSvcDft_Cnt tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_PullCompSrlComSvcDft_Cnt_lgc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ReturnSrlComSvcDft_Cnt_lgc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_RxMsgsSrlComSvcDft_Cnt_lgc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_SftEndStpSrlComSvcDft_Cnt_lgc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_SrlComSvcDft_Cnt_b32 tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_SrlComSvcDft_Cnt_b32 tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_TnqRmpSrlComSvcDft_Cnt_tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_WIRMfgEnabled_Cnt_lgc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_WIRMfgEnabled_Cnt_lgc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_WIRMfgEnabled_Cnt_lgc tgt_CDD_ModildxSrlComSvcDft_Cnt_G_u16 PrevMtrElecMechPolarity_Cnt_M_s08 tgt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DisableCBBusNormCommy_Cnt_lgc.value tgt_CDDInterface_Per4_DisableCBBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DisableHSBusNormCommy_Cnt_lgc.value tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTThermalSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_FreqDepDmpSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	tgt_CDDInterface_Per4_PullCompLrnSrlCom tgt_CDDInterface_Per4_PullCompSrlComSvct tgt_CDDInterface_Per4_ReturnSrlComSvcDft tgt_CDDInterface_Per4_ReturnSrlComSvcDft tgt_CDDInterface_Per4_SftEndStpSrlComSvct tgt_CDDInterface_Per4_SftEndStpSrlComSvct tgt_CDDInterface_Per4_SrlComSvcDft_Cnt_I tgt_CDDInterface_Per4_TrqRmpSrlComSvcD tgt_CDDInterface_Per4_WIRMfgEnabled_Cn Actual Value 0 1 1 0 0 1 1 1 5.36000013 1 1 0 1 0 1	Igc SvcDft_Cnt_lgc EDft_Cnt_lgc E_Cnt_lgc E_Cnt_lgc EDft_Cnt_lgc EDft_Cnt_lgc EDft_Cnt_lgc EDft_Cnt_lgc Expected Value 0 1 1 1 5.36000013 ± 0.000009 1 1 0 1 0 1 0 1 0 1 0 1 0 0 1	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_PullCompLrnSrlComSvcDft_Cnt tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_PullCompSrlComSvcDft_Cnt_lgc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ReturnSrlComSvcDft_Cnt_lgc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_RxMsgsSrlComSvcDft_Cnt_lgc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_SftEndStpSrlComSvcDft_Cnt_lgc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_SrlComSvcDft_Cnt_b32 tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_SrlComSvcDft_Cnt_b32 tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_TnqRmpSrlComSvcDft_Cnt_tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_WIRMfgEnabled_Cnt_lgc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_WIRMfgEnabled_Cnt_lgc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_WIRMfgEnabled_Cnt_lgc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_WIRMfgEnabled_Cnt_lgc tgt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DisableCBusNormComsvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DisableCBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DisableCBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DivingDynSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DivingDynSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTThermalSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc.value	tgt_CDDInterface_Per4_PullCompLrnSriCom tgt_CDDInterface_Per4_PullCompSriComSvct tgt_CDDInterface_Per4_ReturnSriComSvcDft tgt_CDDInterface_Per4_ReturnSriComSvcDft tgt_CDDInterface_Per4_SftEndStpSriComSvct tgt_CDDInterface_Per4_SftEndStpSriComSvct tgt_CDDInterface_Per4_SriComSvcDft_Cnt_i tgt_CDDInterface_Per4_TrenmalDCSriComS tgt_CDDInterface_Per4_TrenmpSriComSvcD tgt_CDDInterface_Per4_WIRMfgEnabled_Cn Actual Value 0 1 1 5.36000013 1 1 0 1 0 1	Igc SvcDft_Cnt_lgc EDft_Cnt_lgc t_Cnt_lgc t_Cnt_lgc SvcDft_Cnt_lgc EDft_Cnt_lgc SDft_Cnt_lgc SDft_Cnt_lgc SDft_Cnt_lgc SDft_Cnt_lgc STC_Ont_lgc Ft_Cnt_lgc STC_Ont_lgc STC_Ont	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \

2015-02-18, 15:45:12+0530



Name	Actual Value	Expected Value	Result
tgt_CDDInterface_Per4_LimitSrlComSvcDft_Cnt_lgc.value	0	0	•
tgt_CDDInterface_Per4_MEC_Cnt_enum.value	1	1	~
tgt_CDDInterface_Per4_MfgDiagInhibit_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_ModIdxSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_MtrParmNrmLrnSrlComSvcDft_Cnt_lgc.value	1	1	•
tgt_CDDInterface_Per4_MtrVelNrmLrnSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_MultIgnSrlComSvcDft_Cnt_lgc.value	0	0	•
tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_PosTrajEnable_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_PullCompLrnSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_PullCompSrlComSvcDft_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_ReturnSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_RxMsgsSrlComSvcDft_Cnt_lgc.value	0	0	•
tgt_CDDInterface_Per4_SftEndStpSrlComSvcDft_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_SrlComSvcDft_Cnt_b32.value	9658	9658	~
tgt_CDDInterface_Per4_ThermalDCSrlComSvcDft_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_TrqRmpSrlComSvcDft_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_WIRMfgEnabled_Cnt_lgc.value	0	0	~

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Sa_CDDInterface_CDDPorts_ApplyMtrElecMechPol	1	Rte_Call_Sa_CDDInterface_CDDPorts_ApplyMtrElecMechPol	1	~

Test Step 2.33 (Repeat Count = 1)	<u>, </u>
Name	Input Value
CDD_BallNutTempEstDisableSvc_Cnt_G_lgc	0
CDD_DftAsstTbl_Cnt_G_lgc	1
CDD_DisableCEBusNormComm_Cnt_lgc	1
CDD_DisableHSBusNormComm_Cnt_lgc	0
CDD_DwnldAsstGain_Uls_G_f32	6.28000021
CDD_EOLNxtrWIRSelect_Cnt_G_u16	4789
CDD_EOLSrlComSvcDft_Cnt_G_b32	2547
CDD_GenPosTrajEnableFlag_Cnt_G_lgc	0
CDD_PullCompDisableSvc_Cnt_G_lgc	0
CDD_PwrAsstModeSvc_Cnt_G_lgc	1
CDD_SftEndStpDisableSvc_Cnt_G_lgc	1
CDD_WIRDisableSvc_Cnt_G_lgc	0
MfgDiagInhibit_UIs_G_lgc	1
Nvm_CMEC_Cnt_u8	156
NxtrMEC_UIs_G_enum	0
PrevMtrElecMechPolarity_Cnt_M_s08	1
Rte_Inst_Sa_CDDInterface	tgt_Rte_Inst_Sa_CDDInterface
tgt_CDDInterface_Per4_MtrElecMechPolarity_Cnt_s08.value	-1
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Results and the property of the pr$	tgt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_lgc
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgradered and the property of the pro$	tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DftAsstTbl_Cnt_lgc	tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DisableCEBusNormComm_Cnt$	tgt_CDDInterface_Per4_DisableCEBusNormComm_Cnt_lgc
tgt Rte Inst Sa CDDInterface.CDDInterface Per4 DisableHSBusNormComm Cnt	tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_	tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DwnldAsstGain_Uls_f32	tgt_CDDInterface_Per4_DwnldAsstGain_Uls_f32
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_Results (Section 1) and the properties of the$	tgt_CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_lgc
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_EOTThermalSrlComSvcDft_Cnrackets and the property of the prop$	tgt_CDDInterface_Per4_EOTThermalSrlComSvcDft_Cnt_lgc
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_FreqDepDmpSrlComSvcDft_Cr$	tgt_CDDInterface_Per4_FreqDepDmpSrlComSvcDft_Cnt_lgc
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_FricLrnSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_FricLrnSrlComSvcDft_Cnt_lgc
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_HysAddSrlComSvcDft_Cnt_lgc$	tgt_CDDInterface_Per4_HysAddSrlComSvcDft_Cnt_lgc
tgt Rte Inst Sa CDDInterface.CDDInterface Per4 HystCompSrlComSvcDft Cnt I	tgt_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_lgc
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_KinIntDiagSrlComSvcDft_Cnt_I_IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII$	tgt_CDDInterface_Per4_KinIntDiagSrlComSvcDft_Cnt_lgc
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_LimitSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_LimitSrlComSvcDft_Cnt_lgc
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MEC_Cnt_enum	tgt_CDDInterface_Per4_MEC_Cnt_enum
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MfgDiagInhibit_Cnt_Igc	tgt_CDDInterface_Per4_MfgDiagInhibit_Cnt_lgc
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ModIdxSrlComSvcDft_Cnt_Igc	tgt_CDDInterface_Per4_ModIdxSrlComSvcDft_Cnt_lgc
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MtrElecMechPolarity_Cnt_s08	tgt_CDDInterface_Per4_MtrElecMechPolarity_Cnt_s08
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MtrParmNrmLrnSrlComSvcDft_Inst_SrlC$	tgt_CDDInterface_Per4_MtrParmNrmLrnSrlComSvcDft_Cnt_lgc
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MtrVelNrmLrnSrlComSvcDft_Classifications and the state of th$	tgt_CDDInterface_Per4_MtrVelNrmLrnSrlComSvcDft_Cnt_lgc
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MultIgnSrlComSvcDft_Cnt_Igc	tgt_CDDInterface_Per4_MultIgnSrlComSvcDft_Cnt_lgc
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc$	tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_PosTrajEnable_Cnt_lgc	tgt_CDDInterface_Per4_PosTrajEnable_Cnt_lgc
tot Pte Inst Sa CDDInterface CDDInterface Per4 PullCompl rpSrlComSvcDft Cn	tgt CDDInterface Per4 PullCompLrnSrlComSvcDft Cnt lgc
tgt_ttc_mst_oa_obbintchacc.obbintchacc_t cr4_t andomptmonoundvcbit_on	





Name	Input Value		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ReturnSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_ReturnSrlComSvcDi	ft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_RxMsgsSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_RxMsgsSrlComSvcI	Oft_Cnt_lgc	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_SftEndStpSrlComSvcDft_Cnt_l(a) = (a) + (b) + (b$	tgt_CDDInterface_Per4_SftEndStpSrlComSv	cDft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_SrlComSvcDft_Cnt_b32	tgt_CDDInterface_Per4_SrlComSvcDft_Cnt_	b32	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ThermalDCSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_ThermalDCSrlComSvcDft$	tgt_CDDInterface_Per4_ThermalDCSrlComS	SvcDft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_TrqRmpSrlComSvcDft_Cnt_lgc	gc tgt_CDDInterface_Per4_TrqRmpSrlComSvcDft_Cnt_lgc		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_WIRMfgEnabled_Cnt_lgc	tgt_CDDInterface_Per4_WIRMfgEnabled_Cr	nt_lgc	
Name	Actual Value	Expected Value	Result
CDD_ModIdxSrlComSvcDft_Cnt_G_u16	0	0	~
PrevMtrElecMechPolarity_Cnt_M_s08	-1	-1	✓
tgt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc.value	0	0	✓
tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_DisableCEBusNormComm_Cnt_lgc.value	1	1	✓
tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc.value	0	0	✓
tgt_CDDInterface_Per4_DwnldAsstGain_UIs_f32.value	6.28000021	6.28000021 ± 0.000009	~
tgt_CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_lgc.value	1	1	✓
tgt_CDDInterface_Per4_EOTThermalSrlComSvcDft_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc.value	1	1	•
tgt_CDDInterface_Per4_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_FricLrnSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_HysAddSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_lgc.value	0	0	✓
tgt_CDDInterface_Per4_KinIntDiagSrlComSvcDft_Cnt_lgc.value	0	0	•
tgt_CDDInterface_Per4_LimitSrlComSvcDft_Cnt_lgc.value	0	0	✓
tgt_CDDInterface_Per4_MEC_Cnt_enum.value	0	0	•
tgt_CDDInterface_Per4_MfgDiagInhibit_Cnt_lgc.value	1	1	•
tgt_CDDInterface_Per4_ModIdxSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_MtrParmNrmLrnSrlComSvcDft_Cnt_lgc.value	1	1	•
tgt_CDDInterface_Per4_MtrVelNrmLrnSrlComSvcDft_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_MultIgnSrlComSvcDft_Cnt_lgc.value	0	0	✓
tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_PosTrajEnable_Cnt_lgc.value	0	0	✓
tgt_CDDInterface_Per4_PullCompLrnSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_PullCompSrlComSvcDft_Cnt_lgc.value	0	0	•
tgt_CDDInterface_Per4_ReturnSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_RxMsgsSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_SftEndStpSrlComSvcDft_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_SrlComSvcDft_Cnt_b32.value	2547	2547	~
tgt_CDDInterface_Per4_ThermalDCSrlComSvcDft_Cnt_lgc.value	0	0	~
$tgt_CDDInterface_Per4_TrqRmpSrlComSvcDft_Cnt_lgc.value$	1	1	~
tgt_CDDInterface_Per4_WIRMfgEnabled_Cnt_lgc.value	0	0	~

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Sa_CDDInterface_CDDPorts_ApplyMtrElecMechPol	1	Rte_Call_Sa_CDDInterface_CDDPorts_ApplyMtrElecMechPol	1	~

Test Step 2.34 (Repeat Count = 1)	✓
Name	Input Value
CDD_BallNutTempEstDisableSvc_Cnt_G_lgc	1
CDD_DftAsstTbl_Cnt_G_lgc	0
CDD_DisableCEBusNormComm_Cnt_lgc	0
CDD_DisableHSBusNormComm_Cnt_lgc	1
CDD_DwnldAsstGain_Uls_G_f32	7.48000002
CDD_EOLNxtrWIRSelect_Cnt_G_u16	5632
CDD_EOLSrlComSvcDft_Cnt_G_b32	1258
CDD_GenPosTrajEnableFlag_Cnt_G_lgc	1
CDD_PullCompDisableSvc_Cnt_G_lgc	0
CDD_PwrAsstModeSvc_Cnt_G_lgc	0
CDD_SftEndStpDisableSvc_Cnt_G_lgc	0
CDD_WIRDisableSvc_Cnt_G_lgc	0
MfgDiagInhibit_Uls_G_lgc	0
Nvm_CMEC_Cnt_u8	168
NxtrMEC_UIs_G_enum	1
PrevMtrElecMechPolarity_Cnt_M_s08	0
Rte_Inst_Sa_CDDInterface	tgt_Rte_Inst_Sa_CDDInterface
tgt_CDDInterface_Per4_MtrElecMechPolarity_Cnt_s08.value	1
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Signature and the property of the $	tgt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_lgc
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DampingSrlComSvcDft_Cnt_Igrams and a substitution of the property of the pr$	tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc





Name	Immus Value		
D	Input Value		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DftAsstTbl_Cnt_lgc	tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DisableCEBusNormComm_Cn			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DisableHSBusNormComm_Cn			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DwnldAsstGain_Uls_f32	tgt_CDDInterface_Per4_DwnldAsstGain_Uls_		
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_EOTImpactSrlComSvcDinterface_Per4_EOTImpactSrlComSvcDinterface_Per4_EOTImpactSrlComSvcDinterface_Per4_EOTImpactSrlComSvcDinterface_Per4_EOTImpactSrlComSvcDinterface_Per4_EOTImpa$	tgt_CDDInterface_Per4_EOTImpactSrlComS	vcDft_Cnt_lgc	
tgt Rte Inst Sa CDDInterface.CDDInterface Per4 EOTThermalSrlComSvcDft Cn	tgt_CDDInterface_Per4_EOTThermalSrlCom	SvcDft_Cnt_lgc	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc$	tgt_CDDInterface_Per4_EngONSrlComSvcD	ft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_FreqDepDmpSrlComSvcDft_Cr	tgt_CDDInterface_Per4_FreqDepDmpSrlCom	nSvcDft_Cnt_lgc	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_FricLrnSrlComSvcDft_Cnt_lgc$	tgt_CDDInterface_Per4_FricLrnSrlComSvcDf	t_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_HysAddSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_HysAddSrlComSvcD	ft_Cnt_lgc	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_HystCompSrlComSvcDinterfac$	tgt_CDDInterface_Per4_HystCompSrlComSv	cDft_Cnt_lgc	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_KinIntDiagSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_KinIntDiagSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_KinIntDiagSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_KinIntDiagSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_KinIntDiagSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_KinIntDiagSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_KinIntDiagSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_KinIntDiagSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_KinIntDiagSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_KinIntDiagSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_KinIntDiagSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_KinIntDiagSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_KinIntDiagSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_KinIntDiagSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_KinIntDiagSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_KinIntDiagSrlComSvcDinterface_Per4_KinIntDiagSr$	tgt_CDDInterface_Per4_KinIntDiagSrlComSv	cDft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_LimitSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_LimitSrlComSvcDft_0	Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MEC_Cnt_enum	tgt_CDDInterface_Per4_MEC_Cnt_enum		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MfgDiagInhibit_Cnt_lgc	tgt_CDDInterface_Per4_MfgDiagInhibit_Cnt_	lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ModIdxSrlComSvcDft_Cnt_Igc	tgt_CDDInterface_Per4_ModIdxSrlComSvcD	ft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MtrElecMechPolarity_Cnt_s08	tgt_CDDInterface_Per4_MtrElecMechPolarity	_Cnt_s08	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MtrParmNrmLrnSrlComSvcDft_	tgt_CDDInterface_Per4_MtrParmNrmLrnSrlC	omSvcDft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MtrVelNrmLrnSrlComSvcDft_C	tgt_CDDInterface_Per4_MtrVelNrmLrnSrlCon	nSvcDft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MultIgnSrlComSvcDft_Cnt_Igc	tgt CDDInterface Per4 MultIgnSrlComSvcD	ft Cnt lgc	
tgt Rte Inst Sa CDDInterface.CDDInterface Per4 ParkAstSrlComSvcDft Cnt Igc	tgt CDDInterface Per4 ParkAstSrlComSvcD	Off Cnt Igc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_PosTrajEnable_Cnt_lgc	tgt_CDDInterface_Per4_PosTrajEnable_Cnt_		
tgt Rte Inst Sa CDDInterface.CDDInterface Per4 PullCompLrnSrlComSvcDft Cn			
tgt Rte Inst Sa CDDInterface.CDDInterface Per4 PullCompSrlComSvcDft Cnt Ig			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ReturnSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_ReturnSrlComSvcDf		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_RxMsgsSrlComSvcDft_Cnt_Igc			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_SftEndStpSrlComSvcDft_Cnt_lt			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_SrlComSvcDft_Cnt_b32	tgt_CDDInterface_Per4_SrlComSvcDft_Cnt_I		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ThermalDCSrlComSvcDft_Cnt_			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_TrqRmpSrlComSvcDft_Cnt_Igc			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_WIRMfgEnabled_Cnt_lgc	tgt_CDDInterface_Per4_WIRMfgEnabled_Cn		
Name	Actual Value	Expected Value	Result
CDD_ModIdxSrIComSvcDft_Cnt_G_u16	0	0	~
PrevMtrElecMechPolarity_Cnt_M_s08	1	1	~
tgt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc.value	1 0	1 0	
tgt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc.value	0 0	1 0 0	*
tgt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc.value tgt_CDDInterface_Per4_DisableCEBusNormComm_Cnt_lgc.value	1 0 0 0	1 0 0 0	· · ·
tgt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc.value	0 0	1 0 0 0 1	· · · · · · · · · · · · · · · · · · ·
tgt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc.value tgt_CDDInterface_Per4_DisableCEBusNormComm_Cnt_lgc.value	1 0 0 0	1 0 0 0	· · · · · · · · · · · · · · · · · · ·
tgt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc.value tgt_CDDInterface_Per4_DisableCEBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc.value	1 0 0 0 1	1 0 0 0 1	· · · · · · · · · · · · · · · · · · ·
tgt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc.value tgt_CDDInterface_Per4_DisableCEBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc.value	1 0 0 0 1	1 0 0 0 1 0	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
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Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Sa_CDDInterface_CDDPorts_ApplyMtrElecMechPol	1	Rte_Call_Sa_CDDInterface_CDDPorts_ApplyMtrElecMechPol	1	~



Test Step 2.35 (Repeat Count = 1)			✓
Name	Input Value		
CDD_BallNutTempEstDisableSvc_Cnt_G_lgc	1		
CDD_DftAsstTbl_Cnt_G_lgc	1		
CDD_DisableCEBusNormComm_Cnt_lgc	1		
CDD_DisableHSBusNormComm_Cnt_lgc	0		
CDD_DwnldAsstGain_Uls_G_f32	6.28000021		
CDD_EOLNxtrWIRSelect_Cnt_G_u16	2147		
CDD_EOLSrlComSvcDft_Cnt_G_b32	3658		
CDD_GenPosTrajEnableFlag_Cnt_G_lgc	0		
CDD_PullCompDisableSvc_Cnt_G_lgc	1		
CDD_PwrAsstModeSvc_Cnt_G_lgc CDD_SftEndStpDisableSvc_Cnt_G_lgc	1		
CDD_SiteIndStpDisableSvc_Citi_G_igc CDD_WIRDisableSvc_Cnt_G_lgc	1		
MfgDiagInhibit_Uls_G_lgc	1		
Nvm_CMEC_Cnt_u8	172		
NxtrMEC_UIs_G_enum	2		
PrevMtrElecMechPolarity_Cnt_M_s08	-1		
Rte_Inst_Sa_CDDInterface	tgt_Rte_Inst_Sa_CDDInterface		
tgt_CDDInterface_Per4_MtrElecMechPolarity_Cnt_s08.value	-1		
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Started and the complex of the comp$	tgt_CDDInterface_Per4_BallNutTempEstSrlC	comSvcDft_Cnt_lgc	
tgt Rte Inst Sa CDDInterface.CDDInterface Per4 DampingSrlComSvcDft Cnt lg		Dft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DftAsstTbl_Cnt_lgc	tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DisableCEBusNormComm_Cnt			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DisableHSBusNormComm_Cnt			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_	tgt_CDDInterface_Per4_DrivingDynSrlComS		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DwnldAsstGain_Uls_f32 tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt	tgt_CDDInterface_Per4_DwnldAsstGain_Uls_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_EOTThermalSrlComSvcDft_Cn	tgt_CDDInterface_Per4_EOTImpactSrlComS tgt_CDDInterface_Per4_EOTThermalSrlCom		
tgt Rte Inst Sa CDDInterface.CDDInterface Per4 EngONSrlComSvcDft Cnt Igc	tgt CDDInterface Per4 EngONSrlComSvcD		
tgt Rte Inst Sa CDDInterface.CDDInterface Per4 FreqDepDmpSrlComSvcDft Cr			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_FricLrnSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_FricLrnSrlComSvcDi		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_HysAddSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_HysAddSrlComSvcD	Oft_Cnt_lgc	
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$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_LimitSrlComSvcDft_Cnt_lgc$	tgt_CDDInterface_Per4_LimitSrlComSvcDft_	Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MEC_Cnt_enum	tgt_CDDInterface_Per4_MEC_Cnt_enum		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MfgDiagInhibit_Cnt_Igc	tgt_CDDInterface_Per4_MfgDiagInhibit_Cnt_	•	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ModidxSriComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_ModIdxSrlComSvcD		
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tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MultIgnSrlComSvcDft_Cnt_Igc	tgt_CDDInterface_Per4_MultIgnSrlComSvcD		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc			
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$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ReturnSrlComSvcDft_Cnt_lgc$	tgt_CDDInterface_Per4_ReturnSrlComSvcDf	t_Cnt_lgc	
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$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_SftEndStpSrlComSvcDft_Cnt_IqUID and the state of the state o$			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_SrlComSvcDft_Cnt_b32	tgt_CDDInterface_Per4_SrlComSvcDft_Cnt_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ThermalDCSrlComSvcDft_Cnt_			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_TrqRmpSrlComSvcDft_Cnt_Igc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_WIRMfgEnabled_Cnt_Igc	tgt_CDDInterface_Per4_TrqRmpSrlComSvcI tgt_CDDInterface_Per4_WIRMfgEnabled_Cn		
Name	Actual Value		Populé
CDD_ModldxSrlComSvcDft_Cnt_G_u16	1	Expected Value	Result
PrevMtrElecMechPolarity_Cnt_M_s08	-1	-1	-
tgt CDDInterface Per4 BallNutTempEstSrlComSvcDft Cnt lgc.value	1	1	
tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc.value	0	0	V
tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_DisableCEBusNormComm_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_DwnldAsstGain_Uls_f32.value	6.28000021	6.28000021 ± 0.000009	~
$tgt_CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_lgc.value$	0	0	~
tgt_CDDInterface_Per4_EOTThermalSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	1	1	V
tgt_CDDInterface_Per4_FricLrnSrlComSvcDft_Cnt_lgc.value	0	0	~
tot ODDIotofoo Dod How Hills Co. C. Dr. C			-
tgt_CDDInterface_Per4_HysAddSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_lgc.value	0	0	•





Name	Actual Value	Expected Value	Result
tgt_CDDInterface_Per4_KinIntDiagSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_LimitSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_MEC_Cnt_enum.value	2	2	~
tgt_CDDInterface_Per4_MfgDiagInhibit_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_ModIdxSrlComSvcDft_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_MtrParmNrmLrnSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_MtrVelNrmLrnSrlComSvcDft_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_MultIgnSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_PosTrajEnable_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_PullCompLrnSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_PullCompSrlComSvcDft_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_ReturnSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_RxMsgsSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_SftEndStpSrlComSvcDft_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_SrlComSvcDft_Cnt_b32.value	3658	3658	~
tgt_CDDInterface_Per4_ThermalDCSrlComSvcDft_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_TrqRmpSrlComSvcDft_Cnt_lgc.value	0	Ō	~
tgt_CDDInterface_Per4_WIRMfgEnabled_Cnt_lgc.value	0	0	~

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
none	0	*** No Call Expected ***	0	~

Test Step 2.36 (Repeat Count = 1)	1 AV I
Name	Input Value
CDD_BallNutTempEstDisableSvc_Cnt_G_lgc	0
CDD_DftAsstTbl_Cnt_G_lgc	1
CDD_DisableCEBusNormComm_Cnt_lgc	0
CDD_DisableHSBusNormComm_Cnt_lgc	1
CDD_DwnldAsstGain_Uls_G_f32	7.48000002
CDD_EOLNxtrWIRSelect_Cnt_G_u16	5874
CDD_EOLSrlComSvcDft_Cnt_G_b32	4789
CDD_GenPosTrajEnableFlag_Cnt_G_lgc	1
CDD_PullCompDisableSvc_Cnt_G_lgc	0
CDD_PwrAsstModeSvc_Cnt_G_lgc	0
CDD_SftEndStpDisableSvc_Cnt_G_lgc	0
CDD_WIRDisableSvc_Cnt_G_lgc	0
MfgDiagInhibit_Uls_G_lgc	0
Nvm_CMEC_Cnt_u8	185
NxtrMEC_UIs_G_enum	0
PrevMtrElecMechPolarity_Cnt_M_s08	1
Rte_Inst_Sa_CDDInterface	tgt_Rte_Inst_Sa_CDDInterface
tgt_CDDInterface_Per4_MtrElecMechPolarity_Cnt_s08.value	1
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_BallNutTempEstSrlComS	vcDft_ tgt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_lgc
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DampingSrlComSvcDft_C	Cnt_lgr tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DftAsstTbl_Cnt_lgc	tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc
tgt Rte Inst Sa CDDInterface.CDDInterface Per4 DisableCEBusNormComm	m Cnt tgt_CDDInterface_Per4_DisableCEBusNormComm_Cnt_lgc
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DisableHSBusNormComm	m_Cnt_tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DrivingDynSrlComSvcDft	Cnt tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc
tgt Rte Inst Sa CDDInterface.CDDInterface Per4 DwnldAsstGain Uls f32	tgt CDDInterface Per4 DwnldAsstGain Uls f32
tgt Rte Inst Sa CDDInterface.CDDInterface Per4 EOTImpactSrlComSvcDff	t Cnt tgt CDDInterface Per4 EOTImpactSrlComSvcDft Cnt lgc
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_EOTThermalSrlComSvcD	Dft_Cn tgt_CDDInterface_Per4_EOTThermalSrlComSvcDft_Cnt_lgc
tgt Rte Inst Sa CDDInterface.CDDInterface Per4 EngONSrlComSvcDft Cr	
tgt Rte Inst Sa CDDInterface.CDDInterface Per4 FregDepDmpSrlComSvcl	
tgt Rte Inst Sa CDDInterface.CDDInterface Per4 FricLrnSrlComSvcDft Cn	-
tgt Rte Inst Sa CDDInterface.CDDInterface Per4 HysAddSrlComSvcDft Ci	
tgt Rte Inst Sa CDDInterface.CDDInterface Per4 HystCompSrlComSvcDft	
tgt Rte Inst Sa CDDInterface.CDDInterface Per4 KinIntDiagSrlComSvcDft	= - - - - - - - - -
tgt Rte Inst Sa CDDInterface.CDDInterface Per4 LimitSrlComSvcDft Cnt I	_ =
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MEC_Cnt_enum	tgt CDDInterface Per4 MEC Cnt enum
tgt Rte Inst Sa CDDInterface.CDDInterface Per4 MfgDiagInhibit Cnt Igc	tgt CDDInterface Per4 MfgDiagInhibit Cnt Igc
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ModidxSrlComSvcDft_Cr	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MtrElecMechPolarity_Cnt	
tgt Rte Inst Sa CDDInterface.CDDInterface Per4 MtrParmNrmLrnSrlComS	
tgt Rte Inst Sa CDDInterface.CDDInterface Per4 MtrVelNrmLrnSrlComSvc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MultignSrlComSvcDft_Cr	
tgt_Rte_inst_sa_CDDInterface.CDDInterface_Per4_ParkAstSrlComSvcDft_Ci	
tgt_Rte_inst_Sa_CDDInterface.CDDInterface_Per4_ParkAsiSnComSvcDit_Cl tgt_Rte_inst_Sa_CDDInterface.CDDInterface_Per4_ParkAsiSnComSvcDit_Cl	tgt CDDInterface Per4 PosTrajEnable Cnt lgc
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_PullCompLrnSrlComSvcDinterface_Per4_PullComPLrnSrlComSvcDinterface_Per4_PullComPLrnSrlComSvcDinterface_Per4_PullComPLrnSrlComSvcDinterface_Per4_PullComPLrnSrlComSvcDinterface_Per4_PullComPLrnSrlComSvcDinterface_Per4_PullComPLrnSrlComSvcDinterface_Per4_PullComPLrnSrlComSvcDinterface_Per4_PullComPLrnSrlComSvcDinterface_Per4_PullComPLrnSrlComSvcDinterface_Per4_PullComPLrnSrlComSvcDinterface_Per4_PullComPLrnSrlComSvcDinterface_Per4_PullComPLrnSrlComSvcDinterface_Per4_PullComPLrnSrlComSvcDinterface_Per4_PullComPLrnSrlComSvcDinterface_Per4_PullComPLrnSrlComSvcDinterface_Per4_Per4_PullComPLrnSrlComSvcDinterface_Per4_PullComPLrnSrlComSvcDinterface_Per4_PullComPLrnS$	nt_on_tgt_oppintenace_Per4_Pullcomptmoncomovcbit_ont_igc





Name	Input Value		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_PullCompSrlComSvcDft_Cnt_lg	tgt_CDDInterface_Per4_PullCompSrlComSv	cDft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ReturnSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_ReturnSrlComSvcDf	t_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_RxMsgsSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_RxMsgsSrlComSvcI	Dft_Cnt_lgc	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_SftEndStpSrlComSvcDft_Cnt_log_ComSv$	tgt_CDDInterface_Per4_SftEndStpSrlComSv	cDft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_SrlComSvcDft_Cnt_b32	tgt_CDDInterface_Per4_SrlComSvcDft_Cnt_	b32	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ThermalDCSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_ThermalDCSrlComSvcDft_Cnt_ThermalDCSrlComSvcDft_Cnt_ThermalDCSrlComSvcDft_Cnt_ThermalDCSrlComSvcDft_Cnt_ThermalDCSrlComSvcDft_Cnt_ThermalDCSrlComSvcDft_Cnt_ThermalDCSrlComSvcDft_Cnt_ThermalDCSrlComSvcDft_Cnt_ThermalDCSrlComSvcDft_Cnt_ThermalDCSrlComSvcDft_Cnt_ThermalDCSrlComSvcDft_Cnt_ThermalDCSrlComSvcDft_Cnt_ThermalDCSrlComSvcDft_Cnt_ThermalDCSrlComSvcDft_Cnt_ThermalDCSrlComSvcDft_Cnt_ThermalDCSrlComSvcDft_Cnt_ThermalDCSrlComSvcDft$	tgt_CDDInterface_Per4_ThermalDCSrlComS	SvcDft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_TrqRmpSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_TrqRmpSrlComSvcI	Dft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_WIRMfgEnabled_Cnt_lgc	tgt_CDDInterface_Per4_WIRMfgEnabled_Cn	nt_lgc	
Name	Actual Value	Expected Value	Result
CDD_ModIdxSrlComSvcDft_Cnt_G_u16	1	1	~
PrevMtrElecMechPolarity_Cnt_M_s08	1	1	~
tgt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_DisableCEBusNormComm_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_DwnldAsstGain_Uls_f32.value	7.48000002	7.48000002 ± 0.000009	•
tgt_CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_EOTThermalSrlComSvcDft_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_FricLrnSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_HysAddSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_KinIntDiagSrlComSvcDft_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_LimitSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_MEC_Cnt_enum.value	0	0	~
tgt_CDDInterface_Per4_MfgDiagInhibit_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_ModIdxSrlComSvcDft_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_MtrParmNrmLrnSrlComSvcDft_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_MtrVelNrmLrnSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_MultIgnSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_PosTrajEnable_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_PullCompLrnSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_PullCompSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_ReturnSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_RxMsgsSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_SftEndStpSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_SrlComSvcDft_Cnt_b32.value	4789	4789	~
tgt_CDDInterface_Per4_ThermalDCSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_TrqRmpSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_WIRMfgEnabled_Cnt_lgc.value	0	0	~

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
none	0	*** No Call Expected ***	0	_

Test Step 2.37 (Repeat Count = 1)	✓
Name	Input Value
CDD_BallNutTempEstDisableSvc_Cnt_G_lgc	1
CDD_DftAsstTbl_Cnt_G_lgc	0
CDD_DisableCEBusNormComm_Cnt_lgc	1
CDD_DisableHSBusNormComm_Cnt_lgc	1
CDD_DwnldAsstGain_Uls_G_f32	8.85999966
CDD_EOLNxtrWIRSelect_Cnt_G_u16	6859
CDD_EOLSrlComSvcDft_Cnt_G_b32	5421
CDD_GenPosTrajEnableFlag_Cnt_G_lgc	0
CDD_PullCompDisableSvc_Cnt_G_lgc	1
CDD_PwrAsstModeSvc_Cnt_G_lgc	0
CDD_SftEndStpDisableSvc_Cnt_G_lgc	1
CDD_WIRDisableSvc_Cnt_G_lgc	1
MfgDiagInhibit_Uls_G_lgc	1
Nvm_CMEC_Cnt_u8	0
NxtrMEC_UIs_G_enum	2
PrevMtrElecMechPolarity_Cnt_M_s08	0
Rte_Inst_Sa_CDDInterface	tgt_Rte_Inst_Sa_CDDInterface
tgt_CDDInterface_Per4_MtrElecMechPolarity_Cnt_s08.value	-1
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Inst_Sa_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Inst_Sa_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Inst_Sa_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Inst_Sa_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Inst_Sa_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Inst_Sa_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Inst_Sa_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Inst_Sa_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Inst_Sa_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Inst_Sa_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Inst_Sa_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Inst_Sa_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Inst_Sa_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Inst_Sa_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Inst_Sa_CDDInterface_Per4_BallNutTempEstSrlComSvcDinterface_Per5$	tgt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_lgc

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Name	Input Value		
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lg$	tgt_CDDInterface_Per4_DampingSrlComSvc	Dft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DftAsstTbl_Cnt_lgc	tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DisableCEBusNormComm_Cn	tgt CDDInterface Per4 DisableCEBusNorm	Comm Cnt Igc	
tgt Rte Inst Sa CDDInterface.CDDInterface Per4 DisableHSBusNormComm Cn			
tgt Rte Inst Sa CDDInterface.CDDInterface Per4 DrivingDynSrlComSvcDft Cnt			
tgt Rte Inst Sa CDDInterface.CDDInterface Per4 DwnldAsstGain Uls f32	tgt_CDDInterface_Per4_DwnldAsstGain_Uls		
tgt Rte Inst Sa CDDInterface.CDDInterface Per4 EOTImpactSrlComSvcDft Cnt	tgt_CDDInterface_Per4_EOTImpactSrlComS		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_EOTThermalSrlComSvcDft_Cn			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_EngONSrlComSvcD		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_FreqDepDmpSrlComSvcDft_Cr	tgt_CDDInterface_Per4_FreqDepDmpSrlCon	nSvcDft_Cnt_lgc	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_FricLrnSrlComSvcDft_Cnt_lgc$	tgt_CDDInterface_Per4_FricLrnSrlComSvcDf	ft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_HysAddSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_HysAddSrlComSvcD	Oft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_I	tgt_CDDInterface_Per4_HystCompSrlComSv	vcDft Cnt lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_KinIntDiagSrlComSvcDft_Cnt_I			
tgt Rte Inst Sa CDDInterface.CDDInterface Per4 LimitSrlComSvcDft Cnt Igc	tgt CDDInterface Per4 LimitSrlComSvcDft		
tgt Rte Inst Sa CDDInterface.CDDInterface Per4 MEC Cnt enum	tgt_CDDInterface_Per4_MEC_Cnt_enum	OII_190	
		la a	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MfgDiagInhibit_Cnt_lgc	tgt_CDDInterface_Per4_MfgDiagInhibit_Cnt_	•	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ModidxSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_ModidxSrlComSvcD		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MtrElecMechPolarity_Cnt_s08	tgt_CDDInterface_Per4_MtrElecMechPolarity	/_Cnt_s08	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MtrParmNrmLrnSrlComSvcDft_	tgt_CDDInterface_Per4_MtrParmNrmLrnSrlC	comSvcDft_Cnt_lgc	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MtrVelNrmLrnSrlComSvcDft_Cdistance to the control of the contr$	tgt_CDDInterface_Per4_MtrVelNrmLrnSrlCor	mSvcDft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MultIgnSrlComSvcDft_Cnt_Igc	tgt_CDDInterface_Per4_MultIgnSrlComSvcD	ft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_ParkAstSrlComSvcD	Oft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_PosTrajEnable_Cnt_lgc	tgt_CDDInterface_Per4_PosTrajEnable_Cnt_		
tgt Rte Inst Sa CDDInterface.CDDInterface Per4 PullCompLrnSrlComSvcDft Cn			
tgt Rte Inst Sa CDDInterface.CDDInterface Per4 PullCompSrlComSvcDft Cnt Igt			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ReturnSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_ReturnSrlComSvcDf		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_RxMsgsSrlComSvcDft_Cnt_lgc			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_SftEndStpSrlComSvcDft_Cnt_l	tgt_CDDInterface_Per4_SftEndStpSrlComSv	cDft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_SrlComSvcDft_Cnt_b32	tgt_CDDInterface_Per4_SrlComSvcDft_Cnt_	b32	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ThermalDCSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_ThermalDCSrlComSvcDft_Cnt_ThermalDCSrlComSvcDft_Cnt_ThermalDCSrlComSvcDft_Cnt_ThermalDCSrlComSvcDft_Cnt_ThermalDCSrlComSvcDft_Cnt_ThermalDCSrlComSvcDft_Cnt_ThermalDCSrlComSvcDft_Cnt_ThermalDCSrlComSvcDft_Cnt_ThermalDCSrlComSvcDft_Cnt_ThermalDCSrlComSvcDft_Cnt_ThermalDCSrlComSvcDft_Cnt_ThermalDCSrlComSvcDft_Cnt_ThermalDCSrlComSvcDft_Cnt_ThermalDCSrlComSvcDft_Cnt_ThermalDCSrlComSvcDft_Cnt_ThermalDCSrlComSvcDft_Cnt_ThermalDCSrlComSvcDft$	tgt_CDDInterface_Per4_ThermalDCSrlComS	vcDft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_TrqRmpSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_TrqRmpSrlComSvcE	Oft_Cnt_lgc	
tot Dte Inet Sa CDDInterface CDDInterface Bord WIDMfaEnchied Cat Inc	tot ODDIstorios Doed WIDNES-blod On		
igi inte insi sa oddinlenace.oddinlenace Pei4 Wikiviigenabled Cnt igc	tgt CDDInterface Per4 WikivitgEnabled Cn	it lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_WIRMfgEnabled_Cnt_lgc	tgt_CDDInterface_Per4_WIRMfgEnabled_Cn		Result
Name	Actual Value	Expected Value	Result
Name CDD_ModidxSrlComSvcDft_Cnt_G_u16	Actual Value	Expected Value	Result
Name CDD_ModIdxSrlComSvcDft_Cnt_G_u16 PrevMtrElecMechPolarity_Cnt_M_s08	Actual Value 0 -1	Expected Value 0 -1	*
Name CDD_ModIdxSrlComSvcDft_Cnt_G_u16 PrevMtrElecMechPolarity_Cnt_M_s08 tgt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_lgc.value	Actual Value 0 -1	Expected Value 0 -1 1	\ \ \
Name CDD_ModIdxSrlComSvcDft_Cnt_G_u16 PrevMtrElecMechPolarity_Cnt_M_s08	Actual Value 0 -1	Expected Value 0 -1	*
Name CDD_ModIdxSrlComSvcDft_Cnt_G_u16 PrevMtrElecMechPolarity_Cnt_M_s08 tgt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_lgc.value	Actual Value 0 -1	Expected Value 0 -1 1	\ \ \
Name CDD_ModIdxSrlComSvcDft_Cnt_G_u16 PrevMtrElecMechPolarity_Cnt_M_s08 tgt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc.value	Actual Value 0 -1 1 0	Expected Value 0 -1 1 0	· · · · ·
Name CDD_ModIdxSrlComSvcDft_Cnt_G_u16 PrevMtrElecMechPolarity_Cnt_M_s08 tgt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc.value	Actual Value 0 -1 1 0 0	Expected Value 0 -1 1 0 0	· · · · · ·
Name CDD_ModldxSrlComSvcDft_Cnt_G_u16 PrevMtrElecMechPolarity_Cnt_M_s08 tgt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc.value tgt_CDDInterface_Per4_DisableCEBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc.value	Actual Value 0 -1 1 0 0 1	Expected Value 0 -1 1 0 0 1	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
Name CDD_ModldxSrlComSvcDft_Cnt_G_u16 PrevMtrElecMechPolarity_Cnt_M_s08 tgt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc.value tgt_CDDInterface_Per4_DisableCEBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc.value	Actual Value 0 -1 1 0 0 1 1 0 0	Expected Value 0 -1 1 0 0 1 1 1 0 0 0	· · · · · · · · · · · · · · · · · · ·
Name CDD_ModldxSrlComSvcDft_Cnt_G_u16 PrevMtrElecMechPolarity_Cnt_M_s08 tgt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc.value tgt_CDDInterface_Per4_DisableCEBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DwnldAsstGain_Uls_f32.value	Actual Value 0 -1 1 0 0 1 1 1 0 8.85999966	Expected Value 0 -1 1 0 0 1 1 1 8.85999966 ± 0.000009	***************************************
Name CDD_ModldxSrlComSvcDft_Cnt_G_u16 PrevMtrElecMechPolarity_Cnt_M_s08 tgt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc.value tgt_CDDInterface_Per4_DisableCEBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DwnldAsstGain_Uls_f32.value tgt_CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_lgc.value	Actual Value 0 -1 1 0 0 1 1 0 0	Expected Value 0 -1 1 0 0 1 1 1 0 8.85999966 ± 0.000009 0	· · · · · · · · · · · · · · · · · · ·
Name CDD_ModldxSrlComSvcDft_Cnt_G_u16 PrevMtrElecMechPolarity_Cnt_M_s08 tgt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc.value tgt_CDDInterface_Per4_DisableCEBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DwnldAsstGain_Uls_f32.value tgt_CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTThermalSrlComSvcDft_Cnt_lgc.value	Actual Value 0 -1 1 0 0 1 1 1 0 8.85999966 0 1	Expected Value 0 -1 1 0 0 1 1 1 0 8.85999966 ± 0.000009 0 1	***************************************
Name CDD_ModldxSrlComSvcDft_Cnt_G_u16 PrevMtrElecMechPolarity_Cnt_M_s08 tgt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc.value tgt_CDDInterface_Per4_DisableCEBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DwnldAsstGain_Uls_f32.value tgt_CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTThermalSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTThermalSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc.value	Actual Value 0 -1 1 0 0 1 1 1 0 8.85999966 0 1 1	Expected Value 0 -1 1 0 0 1 1 1 0 8.85999966 ± 0.000009 0 1 1	***************************************
Name CDD_ModldxSrlComSvcDft_Cnt_G_u16 PrevMtrElecMechPolarity_Cnt_M_s08 tgt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc.value tgt_CDDInterface_Per4_DisableCEBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DwnldAsstGain_Uls_f32.value tgt_CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTThermalSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc.value	Actual Value 0 -1 1 0 0 1 1 0 8.85999966 0 1 1 0	Expected Value 0 -1 1 0 0 1 1 0 8.85999966 ± 0.000009 0 1 1 0	***************************************
Name CDD_ModldxSrlComSvcDft_Cnt_G_u16 PrevMtrElecMechPolarity_Cnt_M_s08 tgt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc.value tgt_CDDInterface_Per4_DisableCEBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DwnldAsstGain_Uls_f32.value tgt_CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTThermalSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_FreqDepDmpSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_FreqDepDmpSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	Actual Value 0 -1 1 0 0 1 1 1 0 8.85999966 0 1 1 1 0 0	Expected Value 0 -1 1 0 0 1 1 0 8.85999966 ± 0.000009 0 1 1 0 0 0	· · · · · · · · · · · · · · · · · · ·
Name CDD_ModldxSrlComSvcDft_Cnt_G_u16 PrevMtrElecMechPolarity_Cnt_M_s08 tgt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc.value tgt_CDDInterface_Per4_DisableCEBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DwnldAsstGain_Uls_f32.value tgt_CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTThermalSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc.value	Actual Value 0 -1 1 0 0 1 1 0 8.85999966 0 1 1 0	Expected Value 0 -1 1 0 0 1 1 0 8.85999966 ± 0.000009 0 1 1 0	· · · · · · · · · · · · · · · · · · ·
Name CDD_ModldxSrlComSvcDft_Cnt_G_u16 PrevMtrElecMechPolarity_Cnt_M_s08 tgt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc.value tgt_CDDInterface_Per4_DisableCEBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DwnldAsstGain_Uls_f32.value tgt_CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTThermalSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_FreqDepDmpSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_FreqDepDmpSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	Actual Value 0 -1 1 0 0 1 1 1 0 8.85999966 0 1 1 1 0 0	Expected Value 0 -1 1 0 0 1 1 0 8.85999966 ± 0.000009 0 1 1 0 0 0	· · · · · · · · · · · · · · · · · · ·
Name CDD_ModldxSrlComSvcDft_Cnt_G_u16 PrevMtrElecMechPolarity_Cnt_M_s08 tgt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc.value tgt_CDDInterface_Per4_DisableCEBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DwnldAsstGain_Uls_f32.value tgt_CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTThermalSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_FreqDepDmpSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_FricLrnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_FricLrnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HysAddSrlComSvcDft_Cnt_lgc.value	Actual Value 0 -1 1 0 0 1 1 1 0 8.85999966 0 1 1 1 0 0 0	Expected Value 0 -1 1 0 0 1 1 0 8.85999966 ± 0.000009 0 1 1 0 0 0 0	· · · · · · · · · · · · · · · · · · ·
Name CDD_ModldxSrlComSvcDft_Cnt_G_u16 PrevMtrElecMechPolarity_Cnt_M_s08 tgt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc.value tgt_CDDInterface_Per4_DisableCEBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTThermalSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_FreqDepDmpSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_FricLrnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HysAddSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HysAddSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HysAddSrlComSvcDft_Cnt_lgc.value	Actual Value 0 -1 1 0 0 1 1 1 0 8.85999966 0 1 1 1 0 0 0 0 0	Expected Value 0 -1 1 0 0 0 1 1 1 0 8.85999966 ± 0.000009 0 1 1 0 0 0 0 0	· · · · · · · · · · · · · · · · · · ·
Name CDD_ModIdxSrlComSvcDft_Cnt_G_u16 PrevMtrElecMechPolarity_Cnt_M_s08 tgt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc.value tgt_CDDInterface_Per4_DftasstTbl_Cnt_lgc.value tgt_CDDInterface_Per4_DisableCEBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DwnldAsstGain_Uls_f32.value tgt_CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTThermalSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_FreqDepDmpSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_FreqDepDmpSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HysAddSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_LinitSrlComSvcDft_Cnt_lgc.value	Actual Value 0 -1 1 0 0 1 1 0 8.85999966 0 1 1 0 0 0 0 1 1 0 0 0 0 0	Expected Value 0 -1 1 0 0 1 1 0 8.85999966 ± 0.000009 0 1 1 1 0 0 0 1 1 0 0 0 0 1	***************************************
Name CDD_ModldxSrlComSvcDft_Cnt_G_u16 PrevMtrElecMechPolarity_Cnt_M_s08 tgt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc.value tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc.value tgt_CDDInterface_Per4_DisableCEBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DwnldAsstGain_Uls_f32.value tgt_CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTThermalSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTThermalSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_FricLmSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HysAddSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HysAddSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HinitDiagSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_LimitSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_LimitSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_LimitSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_LimitSrlComSvcDft_Cnt_lgc.value	Actual Value 0 -1 1 0 0 0 1 1 1 0 8.85999966 0 1 1 1 0 0 0 1 1 1 1 0 1 0 1 1 1 1 1	Expected Value 0 -1 1 0 0 1 1 1 0 8.85999966 ± 0.000009 0 1 1 1 0 0 0 0 1 1 1 2	***************************************
Name CDD_ModIdxSrlComSvcDft_Cnt_G_u16 PrevMtrElecMechPolarity_Cnt_M_s08 tgt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc.value tgt_CDDInterface_Per4_DisableCEBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DwnldAsstGain_Uls_f32.value tgt_CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTThermalSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTThermalSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_FreqDepDmpSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_FricLmSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HysAddSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_KinIntDiagSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_LimitSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MEC_Cnt_enum.value tgt_CDDInterface_Per4_MEC_Cnt_enum.value tgt_CDDInterface_Per4_MfgDiagInhibit_Cnt_lgc.value	Actual Value 0 -1 1 0 0 1 1 0 8.855999966 0 1 1 1 0 0 0 1 1 0 2 1	Expected Value 0 -1 1 0 0 0 1 1 1 0 8.85999966 ± 0.000009 0 1 1 1 0 0 0 0 1 1 0 2 1	***************************************
Name CDD_ModIdxSrlComSvcDft_Cnt_G_u16 PrevMtrElecMechPolarity_Cnt_M_s08 tgt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc.value tgt_CDDInterface_Per4_DisableCEBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DwnldAsstGain_Uls_f32.value tgt_CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTThermalSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTThermalSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_FredDepDmpSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_FricLmSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HysAddSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_KinIntDiagSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_LimitSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_LimitSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MEC_Cnt_enum.value tgt_CDDInterface_Per4_MEC_Cnt_enum.value tgt_CDDInterface_Per4_ModIdxSrlComSvcDft_Cnt_lgc.value	Actual Value 0 -1 1 0 0 0 1 1 1 0 8.85999966 0 1 1 1 0 0 0 0 1 1 0 2 1	Expected Value 0 -1 1 0 0 0 1 1 1 0 8.85999966 ± 0.000009 0 1 1 1 0 0 0 0 1 1 0 2 1 0	***************************************
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Name CDD_ModldxSrlComSvcDft_Cnt_G_u16 PrevMtrElecMechPolarity_Cnt_M_s08 tgt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc.value tgt_CDDInterface_Per4_DisableCEBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTTnermalSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_Frict_msrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HystComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HinIntDiagSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_LimitSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MfDiagInhibit_Cnt_lgc.value tgt_CDDInterface_Per4_ModldxSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ModldxSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MitrParmNrmLrmSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MittlgnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MittlgnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MittlgnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_PallCompLrmSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_PallCompLrmSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_PallCompLrmSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_PallCompLrmSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_PallCompLrmSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_PallCompLrmSrlComSvcDft_Cnt_lgc.value	Actual Value 0 -1 1 0 0 0 1 1 1 0 8.85999966 0 1 1 1 0 0 0 0 1 1 0 0 0 1 1 0 0 0 1 1 0 0 0 0 1 1 0	Expected Value 0 -1 1 0 0 0 1 1 1 0 8.855999966 ± 0.000009 0 1 1 1 0 0 0 0 0 1 1 0 0 0 1 1 0 0 0 1 1 0 0 0 0 1 1 0 0 0 0 0 0 1 1 0	***************************************
Name CDD_ModldxSrlComSvcDft_Cnt_G_u16 PrevMtrElecMechPolarity_Cnt_M_s08 tgt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc.value tgt_CDDInterface_Per4_DisableCEBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTThermalSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_Frict_mSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HintDiagSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_LimitSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MgDiagInhibit_Cnt_lgc.value tgt_CDDInterface_Per4_MdidlxSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MittParmNrmLrmSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MittlgnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MittlgnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ReturnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ReturnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ReturnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ReturnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ReturnSrlComSvcDft_Cnt_lgc.value	Actual Value 0 -1 1 0 0 0 1 1 1 0 8.85999966 0 1 1 1 0 0 0 0 1 1 0 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1	Expected Value 0 -1 1 0 0 0 1 1 1 0 8.855999966 ± 0.000009 0 1 1 1 0 0 0 0 1 1 0 0 0 1 1 0 0 0 1 1 0 0 1 0 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1	***************************************
Name CDD_ModIdxSrlComSvcDft_Cnt_G_u16 PrevMtrElecMechPolarity_Cnt_M_s08 tgt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc.value tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc.value tgt_CDDInterface_Per4_DisableCEBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTThermalSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTThermalSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_FricLrmSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HysAddSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HintDiagSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MEC_Cnt_enum.value tgt_CDDInterface_Per4_MEC_Cnt_enum.value tgt_CDDInterface_Per4_MfDiagInhibit_Cnt_lgc.value tgt_CDDInterface_Per4_MfDiagInhibit_Cnt_lgc.value tgt_CDDInterface_Per4_MtrParmNrmLrmSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MtrParmNrmLrmSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MtrParmNrmLrmSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MtltplnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MtltplnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MtltplnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_PallCompLrmSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_PallCompLrmSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_PallCompLrmSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_PallCompLrmSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_PallCompLrmSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_SftEndStpSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_SftEndS	Actual Value 0 -1 1 0 0 0 1 1 1 0 8.85999966 0 1 1 1 0 0 0 0 1 1 0 0 0 1 1 0 0 0 1 1 0 0 1 1 0 1 1 0 1 1 0 1 1 1 0 1	Expected Value 0 -1 1 0 0 0 1 1 1 0 8.855999966 ± 0.000009 0 1 1 1 0 0 0 0 1 1 0 0 1 0 0 1 1 0 0 1 1 0 0 1 1 1 0 1 1 0 1 1 1 0 1	***************************************
Name CDD_ModldxSrlComSvcDft_Cnt_G_u16 PrevMtrElecMechPolarity_Cnt_M_s08 tgt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc.value tgt_CDDInterface_Per4_DisableCEBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTThermalSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_Frict_mSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HintDiagSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_LimitSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MgDiagInhibit_Cnt_lgc.value tgt_CDDInterface_Per4_MdidlxSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MittParmNrmLrmSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MittlgnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MittlgnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ReturnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ReturnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ReturnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ReturnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ReturnSrlComSvcDft_Cnt_lgc.value	Actual Value 0 -1 1 0 0 0 1 1 1 0 8.85999966 0 1 1 1 0 0 0 0 1 1 0 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1	Expected Value 0 -1 1 0 0 0 1 1 1 0 8.855999966 ± 0.000009 0 1 1 1 0 0 0 0 1 1 0 0 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 1 0 0 1 1 1 0 1	· · · · · · · · · · · · · · · · · · ·
Name CDD_ModIdxSrlComSvcDft_Cnt_G_u16 PrevMtrElecMechPolarity_Cnt_M_s08 tgt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc.value tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc.value tgt_CDDInterface_Per4_DisableCEBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTThermalSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTThermalSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_FricLrmSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HysAddSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HintDiagSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MEC_Cnt_enum.value tgt_CDDInterface_Per4_MEC_Cnt_enum.value tgt_CDDInterface_Per4_MfDiagInhibit_Cnt_lgc.value tgt_CDDInterface_Per4_MfDiagInhibit_Cnt_lgc.value tgt_CDDInterface_Per4_MtrParmNrmLrmSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MtrParmNrmLrmSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MtrParmNrmLrmSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MtltplnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MtltplnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MtltplnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_PallCompLrmSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_PallCompLrmSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_PallCompLrmSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_PallCompLrmSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_PallCompLrmSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_SftEndStpSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_SftEndS	Actual Value 0 -1 1 0 0 0 1 1 1 0 8.85999966 0 1 1 1 0 0 0 0 1 1 0 0 0 1 1 0 0 0 1 1 0 0 1 1 0 1 1 0 1 1 0 1 1 1 0 1	Expected Value 0 -1 1 0 0 0 1 1 1 0 8.855999966 ± 0.000009 0 1 1 1 0 0 0 0 1 1 0 0 1 0 0 1 1 0 0 1 1 0 0 1 1 1 0 1 1 0 1 1 1 0 1	***************************************
CDD_ModIdxSrlComSvcDft_Cnt_G_u16 PrevMtrElecMechPolarity_Cnt_M_s08 tgt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc.value tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc.value tgt_CDDInterface_Per4_DisableCEBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DivingDynSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DivingDynSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DivingDynSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTThermalSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTThermalSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_FricLmSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HysAddSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HysAddSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HintDiagSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MEC_Cnt_enum.value tgt_CDDInterface_Per4_MEC_Cnt_enum.value tgt_CDDInterface_Per4_MfDiagInhibit_Cnt_lgc.value tgt_CDDInterface_Per4_MtrParmNrmLrnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MtrParmNrmLrnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MittpArmNrmLrnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MittpArmNrmLrnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MittlgnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ReturnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ReturnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ReturnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_SftEndStpSrlComSvcDft_Cnt_l	Actual Value 0 -1 1 0 0 0 1 1 1 0 8.855999966 0 1 1 1 0 0 0 0 1 1 0 0 0 1 1 0 0 1 1 0 0 1 1 0 1 1 0 1 1 1 0 1	Expected Value 0 -1 1 0 0 0 1 1 1 0 8.855999966 ± 0.000009 0 1 1 1 0 0 0 0 1 1 0 0 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 1 0 0 1 1 1 0 1	· · · · · · · · · · · · · · · · · · ·



Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Sa_CDDInterface_CDDPorts_ApplyMtrElecMechPol	1	Rte_Call_Sa_CDDInterface_CDDPorts_ApplyMtrElecMechPol	1	~

Test Step 2.38 (Repeat Count = 1)			
Name	Input Value		
CDD_BallNutTempEstDisableSvc_Cnt_G_lgc	1		
CDD_DftAsstTbl_Cnt_G_lgc	1		
CDD_DisableCEBusNormComm_Cnt_lgc	0		
CDD_DisableHSBusNormComm_Cnt_lgc	0		
CDD_DwnldAsstGain_Uls_G_f32	9.77999973		
CDD_EOLNxtrWIRSelect_Cnt_G_u16	2478		
CDD_EOLSrlComSvcDft_Cnt_G_b32	4789		
CDD_GenPosTrajEnableFlag_Cnt_G_lgc	0		
CDD_PullCompDisableSvc_Cnt_G_lgc	0		
CDD_PwrAsstModeSvc_Cnt_G_lgc	1		
DD_SftEndStpDisableSvc_Cnt_G_lgc	0		
CDD_WIRDisableSvc_Cnt_G_lgc	0		
lfgDiagInhibit_Uls_G_lgc	0		
Ivm_CMEC_Cnt_u8	175		
IxtrMEC_UIs_G_enum	1		
revMtrElecMechPolarity_Cnt_M_s08	-1		
tte_Inst_Sa_CDDInterface	tgt_Rte_Inst_Sa_CDDInterface		
pt_CDDInterface_Per4_MtrElecMechPolarity_Cnt_s08.value	1		
gt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_BallNutTempEstSrlComSvcl	Dft_ tgt_CDDInterface_Per4_BallNutTempEstSrl	ComSvcDft_Cnt_lgc	
gt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DampingSrlComSvcDft_Cnt			
gt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DftAsstTbl_Cnt_lgc	tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgd		
gt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DisableCEBusNormComm_	Cnt tgt CDDInterface Per4 DisableCEBusNorr	mComm Cnt Igc	
gt Rte Inst Sa CDDInterface.CDDInterface Per4 DisableHSBusNormComm			
gt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DrivingDynSrlComSvcDft_C			
gt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DwnldAsstGain_Uls_f32	tgt_CDDInterface_Per4_DwnldAsstGain_UI		
gt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_EOTImpactSrlComSvcDft_0			
at Rte Inst Sa CDDInterface.CDDInterface Per4 EOTThermalSrlComSvcDft			
gt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_EngONSrlComSvcDft_Cnt_I			
gt Rte Inst Sa CDDInterface.CDDInterface Per4 FreqDepDmpSrlComSvcDft			
gt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_FricLrnSrlComSvcDft_Cnt_l			
gt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_HysAddSrlComSvcDft_Cnt_			
gt Rte Inst Sa CDDInterface.CDDInterface Per4 HystCompSrlComSvcDft Ci			
gt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_KinIntDiagSrlComSvcDft_Cr			
gt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_LimitSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_LimitSrlComSvcDft		
gt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MEC_Cnt_enum	tgt_CDDInterface_Per4_MEC_Cnt_enum	9-	
gt Rte Inst Sa CDDInterface.CDDInterface Per4 MfgDiagInhibit Cnt Igc	tgt_CDDInterface_Per4_MfgDiagInhibit_Cni	t lac	
gt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ModIdxSrlComSvcDft_Cnt_I			
gt_Rte_inst_oa_obbinterface.CDDInterface_Per4_MtrElecMechPolarity_Cnt_s			
gt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MtrParmNrmLrnSrlComSvcI		,	
gt_rtte_mst_sa_codimenace.codimenace_rer4_with aminimizmsncomsvct gt_Rte_inst_sa_codimenace.codimenace_rer4_with aminimizmsncomsvcbfi			
•			
gt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MultIgnSrlComSvcDft_Cnt_I			
gt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_	* *		
gt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_PosTrajEnable_Cnt_lgc	tgt_CDDInterface_Per4_PosTrajEnable_Cn		
gt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_PullCompLrnSrlComSvcDft_			
gt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_PullCompSrlComSvcDft_Cn			
gt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ReturnSrlComSvcDft_Cnt_lq		•	
gt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_RxMsgsSrlComSvcDft_Cnt_			
gt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_SftEndStpSrlComSvcDft_Cr			
gt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_SrlComSvcDft_Cnt_b32	tgt_CDDInterface_Per4_SrlComSvcDft_Cnt		
gt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ThermalDCSrlComSvcDft_0			
gt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_TrqRmpSrlComSvcDft_Cnt_			
gt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_WIRMfgEnabled_Cnt_lgc	tgt_CDDInterface_Per4_WIRMfgEnabled_C	cnt_lgc	
Name	Actual Value	Expected Value	Res
CDD_ModldxSrlComSvcDft_Cnt_G_u16	1	1	
PrevMtrElecMechPolarity_Cnt_M_s08	1	1	
gt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_lgc.value	1	1	
J	0	0	
	U		
gt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc.value	1	1	
gt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc.value gt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc.value	1	1	
tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc.value tgt_CDDInterface_Per4_DisableCEBusNormComm_Cnt_lgc.value	1 0	1 0	
tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc.value tgt_CDDInterface_Per4_DisableCEBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc.value	1 0 0	1 0 0	
gt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc.value tgt_CDDInterface_Per4_DisableCEBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc.value	1 0 0 0	1 0 0 0	
gt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc.value gt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc.value gt_CDDInterface_Per4_DisableCEBusNormComm_Cnt_lgc.value gt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc.value gt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc.value gt_CDDInterface_Per4_DwnldAsstGain_Uls_f32.value	1 0 0 0 0 9.77999973	1 0 0 0 0 9.77999973 ± 0.000009	
gt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc.value gt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc.value gt_CDDInterface_Per4_DisableCEBusNormComm_Cnt_lgc.value gt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc.value gt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc.value	1 0 0 0	1 0 0 0	





Name	Actual Value	Expected Value	Result
tgt_CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_FricLrnSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_HysAddSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_KinIntDiagSrlComSvcDft_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_LimitSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_MEC_Cnt_enum.value	1	1	~
tgt_CDDInterface_Per4_MfgDiagInhibit_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_ModIdxSrlComSvcDft_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_MtrParmNrmLrnSrlComSvcDft_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_MtrVelNrmLrnSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_MultIgnSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_PosTrajEnable_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_PullCompLrnSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_PullCompSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_ReturnSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_RxMsgsSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_SftEndStpSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_SrlComSvcDft_Cnt_b32.value	4789	4789	✓
tgt_CDDInterface_Per4_ThermalDCSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_TrqRmpSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_WIRMfgEnabled_Cnt_lgc.value	0	0	~

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Sa_CDDInterface_CDDPorts_ApplyMtrElecMechPol	1	Rte Call Sa CDDInterface CDDPorts ApplyMtrElecMechPol	1	~

Test Step 2.39 (Repeat Count = 1)	→
Name	Input Value
CDD BallNutTempEstDisableSvc Cnt G lgc	0
CDD DftAsstTbl Cnt G lgc	0
CDD DisableCEBusNormComm Cnt Igc	1
CDD DisableHSBusNormComm Cnt Igc	0
CDD_DwnldAsstGain_Uls_G_f32	3.25
CDD EOLNxtrWIRSelect Cnt G u16	9658
CDD EOLSrlComSvcDft Cnt G b32	5632
CDD_GenPosTrajEnableFlag_Cnt_G_lgc	1
CDD_PullCompDisableSvc_Cnt_G_lgc	1
CDD_PwrAsstModeSvc_Cnt_G_lgc	0
CDD_SftEndStpDisableSvc_Cnt_G_lgc	1
CDD_WIRDisableSvc_Cnt_G_lgc	1.
MfgDiagInhibit_Uls_G_lgc	1
Nvm_CMEC_Cnt_u8	185
NxtrMEC_UIs_G_enum	0
PrevMtrElecMechPolarity_Cnt_M_s08	1
Rte_Inst_Sa_CDDInterface	tgt_Rte_Inst_Sa_CDDInterface
tgt_CDDInterface_Per4_MtrElecMechPolarity_Cnt_s08.value	-1
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_BallNutTempEstSrlComSvcDft_	tgt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_lgc
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DampingSrlComSvcDft_Cnt_Ignormation and the complex of the com$	tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DftAsstTbl_Cnt_lgc	tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DisableCEBusNormComm_Cnt	tgt_CDDInterface_Per4_DisableCEBusNormComm_Cnt_lgc
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DisableHSBusNormComm_Cnt	tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_	tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DwnldAsstGain_Uls_f32	tgt_CDDInterface_Per4_DwnldAsstGain_Uls_f32
tgt Rte Inst Sa CDDInterface.CDDInterface Per4 EOTImpactSrlComSvcDft Cnt	tgt_CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_lgc
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_EOTThermalSrlComSvcDft_Cnressions and the state of the state$	tgt_CDDInterface_Per4_EOTThermalSrlComSvcDft_Cnt_lgc
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc$	tgt_CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_FreqDepDmpSrlComSvcDft_Cr	tgt_CDDInterface_Per4_FreqDepDmpSrlComSvcDft_Cnt_lgc
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_FricLrnSrlComSvcDft_Cnt_lgc$	tgt_CDDInterface_Per4_FricLrnSrlComSvcDft_Cnt_lgc
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_HysAddSrlComSvcDft_Cnt_lgc$	tgt_CDDInterface_Per4_HysAddSrlComSvcDft_Cnt_lgc
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_Inst_Sa_CDDInterface.CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_Inst_Sa_CDDInterface.CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_Inst_Sa_CDDInterface.CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_Inst_Sa_CDDInterface.CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_Inst_Sa_CDDInterface.CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_Inst_Sa_CDDInterface.CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_Inst_Sa_CDDInterface.CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_Inst_Sa_CDDInterface.CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_Inst_Sa_CDDInterface.CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_Inst_Sa_CDDInterface.CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_Inst_Sa_CDDInterface.CDDInterfac$	tgt_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_lgc
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_KinIntDiagSrlComSvcDft_Cnt_leadingstarted and the state of t$	tgt_CDDInterface_Per4_KinIntDiagSrlComSvcDft_Cnt_lgc
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_LimitSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_LimitSrlComSvcDft_Cnt_lgc
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MEC_Cnt_enum	tgt_CDDInterface_Per4_MEC_Cnt_enum
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MfgDiagInhibit_Cnt_lgc	tgt_CDDInterface_Per4_MfgDiagInhibit_Cnt_lgc
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ModIdxSrlComSvcDft_Cnt_lgc$	tgt_CDDInterface_Per4_ModIdxSrlComSvcDft_Cnt_lgc
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MtrElecMechPolarity_Cnt_s08$	tgt_CDDInterface_Per4_MtrElecMechPolarity_Cnt_s08
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MtrParmNrmLrnSrlComSvcDft_	tgt_CDDInterface_Per4_MtrParmNrmLrnSrlComSvcDft_Cnt_lgc





Name	Input Value		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MtrVelNrmLrnSrlComSvcDft_C	tgt_CDDInterface_Per4_MtrVelNrmLrnSrlCor	mSvcDft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MultIgnSrlComSvcDft_Cnt_Igc	tgt_CDDInterface_Per4_MultIgnSrlComSvcD	lft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_ParkAstSrlComSvcI	Oft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_PosTrajEnable_Cnt_lgc	tgt_CDDInterface_Per4_PosTrajEnable_Cnt_	lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_PullCompLrnSrlComSvcDft_Cn	tgt_CDDInterface_Per4_PullCompLrnSrlCom	nSvcDft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_PullCompSrlComSvcDft_Cnt_lc	tgt_CDDInterface_Per4_PullCompSrlComSv	cDft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ReturnSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_ReturnSrlComSvcDf	ft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_RxMsgsSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_RxMsgsSrlComSvcI	Oft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_SftEndStpSrlComSvcDft_Cnt_learners	tgt_CDDInterface_Per4_SftEndStpSrlComSv	rcDft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_SrlComSvcDft_Cnt_b32	tgt_CDDInterface_Per4_SrlComSvcDft_Cnt_	b32	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ThermalDCSrlComSvcDft_Cnt_Inst_Sa_CDDInterface.CDDInterface_Per4_ThermalDCSrlComSvcDft_Cnt_Inst_Sa_CDDInterface.CDDInterface_Per4_ThermalDCSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_ThermalDCSrlComSvcDft_Cnt_ThermalDCSrlComSvcDft_Cnt_ThermalDCSrlComSvcDft_Cnt_ThermalDCSrlComSvcDft_Cnt_ThermalDCSrlComSvcDft_Cnt_ThermalDCSrlComSvcDft_Cnt_ThermalDCSrlComSvcDft_Cnt_ThermalDCSrlComSvcDft_Cnt_ThermalDCSrlComSvcDft_Cnt_ThermalDCSrlComSvcDft_Cnt_ThermalDCSrlComSvcDft_Cnt_ThermalDCSrlComSvcDft_Cnt_ThermalDCSrlComSvcDft_Cnt_ThermalDCSrlComSvcDft$	tgt_CDDInterface_Per4_ThermalDCSrlComS	SvcDft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_TrqRmpSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_TrqRmpSrlComSvcI	Oft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_WIRMfgEnabled_Cnt_lgc	tgt_CDDInterface_Per4_WIRMfgEnabled_Cr	nt_lgc	
Name	Actual Value	Expected Value	Result
CDD ModldxSrlComSvcDft Cnt G u16	1	1	~
PrevMtrElecMechPolarity_Cnt_M_s08	-1	-1	✓
tgt CDDInterface Per4 BallNutTempEstSrlComSvcDft Cnt lgc.value	0	0	-
tgt CDDInterface Per4 DampingSrlComSvcDft Cnt lgc.value	0	0	✓
tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_DisableCEBusNormComm_Cnt_lgc.value	1	1	✓
tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc.value	0	0	-
tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc.value	0	0	✓
tgt_CDDInterface_Per4_DwnldAsstGain_UIs_f32.value	3.25	3.25 ± 0.000009	-
tgt_CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_lgc.value	0	0	✓
tgt_CDDInterface_Per4_EOTThermalSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_FricLrnSrlComSvcDft_Cnt_lgc.value	0	0	✓
tgt_CDDInterface_Per4_HysAddSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_KinIntDiagSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_LimitSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_MEC_Cnt_enum.value	0	0	~
tgt_CDDInterface_Per4_MfgDiagInhibit_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_ModIdxSrlComSvcDft_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_MtrParmNrmLrnSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_MtrVelNrmLrnSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_MultIgnSrlComSvcDft_Cnt_Igc.value	0	0	~
tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_PosTrajEnable_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_PullCompLrnSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_PullCompSrlComSvcDft_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_ReturnSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_RxMsgsSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_SftEndStpSrlComSvcDft_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_SrlComSvcDft_Cnt_b32.value	5632	5632	~
tgt_CDDInterface_Per4_ThermalDCSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_TrqRmpSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_WIRMfgEnabled_Cnt_lgc.value	0	0	~

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Sa_CDDInterface_CDDPorts_ApplyMtrElecMechPol	1	Rte_Call_Sa_CDDInterface_CDDPorts_ApplyMtrElecMechPol	1	~

Test Step 2.40 (Repeat Count = 1)	√
Name	Input Value
CDD_BallNutTempEstDisableSvc_Cnt_G_lgc	1
CDD_DftAsstTbl_Cnt_G_lgc	1
CDD_DisableCEBusNormComm_Cnt_lgc	0
CDD_DisableHSBusNormComm_Cnt_lgc	1
CDD_DwnldAsstGain_Uls_G_f32	4.48000002
CDD_EOLNxtrWIRSelect_Cnt_G_u16	5874
CDD_EOLSrlComSvcDft_Cnt_G_b32	2147
CDD_GenPosTrajEnableFlag_Cnt_G_lgc	0
CDD_PullCompDisableSvc_Cnt_G_lgc	0
CDD_PwrAsstModeSvc_Cnt_G_lgc	1
CDD_SftEndStpDisableSvc_Cnt_G_lgc	0
CDD_WIRDisableSvc_Cnt_G_lgc	0
MfgDiagInhibit_Uls_G_lgc	0
Nvm_CMEC_Cnt_u8	127

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Name	Input Value		
NxtrMEC_Uls_G_enum	2		
PrevMtrElecMechPolarity_Cnt_M_s08	0		
Rte_Inst_Sa_CDDInterface	tgt_Rte_Inst_Sa_CDDInterface		
tgt_CDDInterface_Per4_MtrElecMechPolarity_Cnt_s08.value	1		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_BallNutTempEstSrlComSvcDft_	tgt_CDDInterface_Per4_BallNutTempEstSrIC		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgr tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DftAsstTbl_Cnt_lgc	tgt_CDDInterface_Per4_DampingSrlComSvc tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc	DIT_CIT_IGC	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DisableCEBusNormComm_Cnt		Comm Cnt lac	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DisableHSBusNormComm_Cnt			
		vcDft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DwnldAsstGain_Uls_f32	tgt_CDDInterface_Per4_DwnldAsstGain_Uls_	_f32	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_EOTImpactSrIComSvcDft_Cnt_Results (Signature of the Compact of$	tgt_CDDInterface_Per4_EOTImpactSrlComS	vcDft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_EOTThermalSrlComSvcDft_Cn	tgt_CDDInterface_Per4_EOTThermalSrlCom		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_EngONSrlComSvcD		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_FreqDepDmpSrlComSvcDft_Cr	tgt_CDDInterface_Per4_FreqDepDmpSrlCom		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_FricLrnSrlComSvcDft_Cnt_lgc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_HysAddSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_FricLrnSrlComSvcDf tgt_CDDInterface_Per4_HysAddSrlComSvcD		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_lt	tgt_CDDInterface_Per4_HystCompSrlComSv		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_KinIntDiagSrlComSvcDft_Cnt_li	tgt CDDInterface Per4 KinIntDiagSrlComSv		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_LimitSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_LimitSrlComSvcDft_0		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MEC_Cnt_enum	tgt_CDDInterface_Per4_MEC_Cnt_enum		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MfgDiagInhibit_Cnt_lgc	tgt_CDDInterface_Per4_MfgDiagInhibit_Cnt_	lgc	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ModIdxSrlComSvcDft_Cnt_lgc$	tgt_CDDInterface_Per4_ModIdxSrlComSvcD	ft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MtrElecMechPolarity_Cnt_s08	tgt_CDDInterface_Per4_MtrElecMechPolarity		
tgt Rte Inst Sa CDDInterface.CDDInterface Per4 MtrParmNrmLrnSrlComSvcDft	tgt_CDDInterface_Per4_MtrParmNrmLrnSrlC		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MtrVeINrmLrnSrlComSvcDft_Ci	tgt_CDDInterface_Per4_MtrVelNrmLrnSrlCon		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MultIgnSrlComSvcDft_Cnt_lgc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_MultIgnSrlComSvcDitgt CDDInterface Per4 ParkAstSrlComSvcD		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_PosTrajEnable_Cnt_Igc	tgt_CDDInterface_Per4_PosTrajEnable_Cnt_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_PullCompLrnSrlComSvcDft_Cn			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_PullCompSrlComSvcDft_Cnt_lg	tgt_CDDInterface_Per4_PullCompSrlComSvd		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ReturnSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_ReturnSrlComSvcDf		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_RxMsgsSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_RxMsgsSrlComSvcE	Oft_Cnt_lgc	
$tgt \ \ Rte \ \ Inst \ \ Sa \ \ CDDInterface.CDDInterface \ \ Per4 \ \ SftEndStpSrlComSvcDft \ \ Cnt \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$	tgt_CDDInterface_Per4_SftEndStpSrlComSv	cDft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_SrlComSvcDft_Cnt_b32	tgt_CDDInterface_Per4_SrlComSvcDft_Cnt_l		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ThermalDCSrlComSvcDft_Cnt_	tgt_CDDInterface_Per4_ThermalDCSrlComS	vcDft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_TrqRmpSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_TrqRmpSrlComSvcE		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_WIRMfgEnabled_Cnt_lgc	tgt_CDDInterface_Per4_WIRMfgEnabled_Cn	t_lgc	Result
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_WIRMfgEnabled_Cnt_igc Name	tgt_CDDInterface_Per4_WIRMfgEnabled_Cn Actual Value	t_lgc Expected Value	Result
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_WIRMfgEnabled_Cnt_lgc	tgt_CDDInterface_Per4_WIRMfgEnabled_Cn	t_lgc	Result
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_WIRMfgEnabled_Cnt_Igc Name CDD_ModldxSrlComSvcDft_Cnt_G_u16	tgt_CDDInterface_Per4_WIRMfgEnabled_Cn Actual Value 0	t_lgc Expected Value 0	~
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_WIRMfgEnabled_Cnt_Igc Name CDD_ModldxSrlComSvcDft_Cnt_G_u16 PrevMtrElecMechPolarity_Cnt_M_s08	tgt_CDDInterface_Per4_WIRMfgEnabled_Cn Actual Value 0 1	t_lgc Expected Value 0 1	~
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_WIRMfgEnabled_Cnt_Igc Name CDD_ModIdxSrlComSvcDft_Cnt_G_u16 PrevMtrElecMechPolarity_Cnt_M_s08 tgt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_Igc.value	tgt_CDDInterface_Per4_WIRMfgEnabled_Cn Actual Value 0 1	t_lgc Expected Value 0 1	<i>y</i>
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_WIRMfgEnabled_Cnt_lgc Name CDD_ModldxSrlComSvcDft_Cnt_G_u16 PrevMtrElecMechPolarity_Cnt_M_s08 tgt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc.value tgt_CDDInterface_Per4_DisableCEBusNormComm_Cnt_lgc.value	tgt_CDDInterface_Per4_WIRMfgEnabled_Cn Actual Value 0 1 1 0 1 0	t_lgc Expected Value 0 1 1 0 1 0	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_WIRMfgEnabled_Cnt_lgc Name CDD_ModldxSrlComSvcDft_Cnt_G_u16 PrevMtrElecMechPolarity_Cnt_M_s08 tgt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc.value tgt_CDDInterface_Per4_DisableCEBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc.value	tgt_CDDInterface_Per4_WIRMfgEnabled_Cn Actual Value 0 1 1 0 1 0 1	t_lgc Expected Value 0 1 1 0 1 0 1	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
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Name CDD_ModIdxSrlComSvcDft_Cnt_G_u16 PrevMtrElecMechPolarity_Cnt_M_s08 tgt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc.value tgt_CDDInterface_Per4_DisableCEBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EDTIntpactSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_FricLrnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HysddSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HinitDiagSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_LimitSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MfgDiagInhibit_Cnt_lgc.value tgt_CDDInterface_Per4_ModIdxSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MitrParmNrmLrmSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MitrParmNrmLrmSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MitrParmNrmLrmSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MitrlgnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MitrlgnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc.value	tgt_CDDInterface_Per4_WIRMfgEnabled_Cn Actual Value 0 1 1 0 1 0 4.48000002 0 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0	t_lgc Expected Value 0 1 1 0 1 0 4.48000002 ± 0.000009 0 1 1 1 0 0 0 0 0 0 0 1 0 0 0 0 0	
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Name CDD_ModIdxSrIComSvcDft_Cnt_G_u16 PrevMtrElecMechPolarity_Cnt_M_s08 tgt_CDDInterface_Per4_BallNutTempEstSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DampingSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc.value tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc.value tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc.value tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc.value tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DivingDynSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DrivingDynSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DrivingDynSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTImpactSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTIMpactSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTIMpactSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_FreqDepDmpSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_FreqDepDmpSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HysAddSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HysCompSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HystCompSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MintDiagSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MfgDiagInhibit_Cnt_lgc.value tgt_CDDInterface_Per4_MfgDiagInhibit_Cnt_lgc.value tgt_CDDInterface_Per4_MfrolmSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MirtParmNrmLrmSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MirtParmNrmLrmSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MirtlyBnriComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MirtlyBnriComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MittlyBnriComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_PullCompLrmSriComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_PullCompLrmSriComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_PullCompLrmSriComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_PullCompLrmSriComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_PullCompLrmSriComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_PullCompLrmSriComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_PullCompLrmSriComSvcDft_Cnt_lgc.value tgt_CDDIn	tgt_CDDInterface_Per4_WIRMfgEnabled_Cn Actual Value 0 1 1 0 1 0 4.48000002 0 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0	t_lgc Expected Value 0 1 1 0 1 0 1 0 4.48000002 ± 0.000009 0 1 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0	
Name CDD_ModIdxSrlComSvcDft_Cnt_G_u16 PrevMtrElecMechPolarity_Cnt_M_s08 tgt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc.value tgt_CDDInterface_Per4_DisableCEBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DivingDynSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DivingDynSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DivingDynSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTInpactSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_Frict_mSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HintDiagSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_LimitSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MfgDiagInhibit_Cnt_lgc.value tgt_CDDInterface_Per4_ModIdxSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MitrParmNrmLrmSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MittlgnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MittlgnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MittlgnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MittlgnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_Par	tgt_CDDInterface_Per4_WIRMfgEnabled_Cn Actual Value 0 1 1 0 1 0 4.48000002 0 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0	t_lgc Expected Value 0 1 1 0 1 0 4.48000002 ± 0.000009 0 1 1 1 0 0 0 0 0 0 0 1 1 0 0 0 0	
Name CDD_ModIdxSrIComSvcDft_Cnt_G_u16 PrevMtrElecMechPolarity_Cnt_M_s08 tgt_CDDInterface_Per4_BallNutTempEstSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DampingSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc.value tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc.value tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc.value tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc.value tgt_CDDInterface_Per4_DisableCEBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DivingDynSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DivingDynSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DivingDynSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTImpactSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTImpactSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTImpactSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EngONSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_FricLmSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HysAddSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HystCompSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HystCompSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MinIntDiagSrIComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MEC_Cnt_enum.value tgt_CDDInterface_Per4_MEC_Cnt_enum.value tgt_CDDInterface_Per4_MirDiagInhibit_Cnt_lgc.value tgt_CDDInterface_Per4_MirDiagNirDomSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MirDiagNirDomSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MirDermSriComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MirDermSriComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MitlgnSriComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MitlgnSriComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_PosTrajEnable_Cnt_lgc.value tgt_CDDInterface_Per4_PosTrajEnable_Cnt_lgc.value tgt_CDDInterface_Per4_ReturnSriComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ReturnSriComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ReturnSriComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_SftEndStpSriComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_SftEndStpSriComSvcDft_Cnt_lgc.value	tgt_CDDInterface_Per4_WIRMfgEnabled_Cn Actual Value 0 1 1 0 1 0 4.48000002 0 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0	t_lgc Expected Value 0 1 1 0 1 0 1 0 4.48000002 ± 0.000009 0 1 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0	





Name	Actual Value	Expected Value	Result
tgt_CDDInterface_Per4_WIRMfgEnabled_Cnt_lgc.value	0	0	~

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Sa_CDDInterface_CDDPorts_ApplyMtrElecMechPol	1	Rte_Call_Sa_CDDInterface_CDDPorts_ApplyMtrElecMechPol	1	~

Test Step 2.41 (Repeat Count = 1)			
Name	Input Value		
CDD_BallNutTempEstDisableSvc_Cnt_G_lgc	0		
CDD_DftAsstTbl_Cnt_G_lgc	0		
CDD_DisableCEBusNormComm_Cnt_lgc	0		
CDD_DisableHSBusNormComm_Cnt_lgc	0		
CDD_DwnldAsstGain_Uls_G_f32	3.25		
CDD_EOLNxtrWIRSelect_Cnt_G_u16	9775		
CDD_EOLSrlComSvcDft_Cnt_G_b32	5874		
CDD_GenPosTrajEnableFlag_Cnt_G_lgc	1		
CDD_PullCompDisableSvc_Cnt_G_lgc	1		
CDD_PwrAsstModeSvc_Cnt_G_lgc	0		
CDD_SftEndStpDisableSvc_Cnt_G_lgc	1		
CDD_WIRDisableSvc_Cnt_G_lgc	1		
MfgDiagInhibit_Uls_G_lgc	1		
Nvm_CMEC_Cnt_u8	185		
NxtrMEC_UIs_G_enum	1		
PrevMtrElecMechPolarity_Cnt_M_s08	-1		
Rte_Inst_Sa_CDDInterface	tgt_Rte_Inst_Sa_CDDInterface		
tgt_CDDInterface_Per4_MtrElecMechPolarity_Cnt_s08.value	1		
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Results and the complex of the comp$	tgt_CDDInterface_Per4_BallNutTempEstSrlCe	pmSvcDft_Cnt_lgc	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgradered and the complex of the compl$	tgt_CDDInterface_Per4_DampingSrlComSvcI	Oft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DftAsstTbl_Cnt_lgc	tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc		
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DisableCEBusNormComm_Cnt$	tgt_CDDInterface_Per4_DisableCEBusNormC	Comm_Cnt_lgc	
tgt Rte Inst Sa CDDInterface.CDDInterface Per4 DisableHSBusNormComm Cnt	tgt_CDDInterface_Per4_DisableHSBusNorm0	Comm_Cnt_lgc	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_DrivingDynSrlComSvcDinterface_Per4_DrivingDynSrlComSvcDft_DrivingDynSrlComSvcDinterface_Per4_Drivin$	tgt_CDDInterface_Per4_DrivingDynSrlComSv	cDft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DwnldAsstGain_Uls_f32	tgt_CDDInterface_Per4_DwnldAsstGain_Uls_	f32	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_Results (Section 1) and the property of the complex of the complex$	tgt_CDDInterface_Per4_EOTImpactSrlComSv	cDft_Cnt_lgc	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_EOTThermalSrlComSvcDft_Cnrace_Per4_EOTThermalSrlComSvcDft_EOTThermalSrlComSvcDft_Cnrace_Per4_EOTThermalSrlComSvcDft_Cnrace_Per4_EOTThermalSrlComSvcDft_EOTThermalSrlC$	tgt_CDDInterface_Per4_EOTThermalSrlCom	SvcDft_Cnt_lgc	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc$	tgt_CDDInterface_Per4_EngONSrlComSvcDf	t_Cnt_lgc	
$\underline{tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_FreqDepDmpSrlComSvcDft_Cr}$	tgt_CDDInterface_Per4_FreqDepDmpSrlCom	SvcDft_Cnt_lgc	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_FricLrnSrlComSvcDft_Cnt_lgc$	tgt_CDDInterface_Per4_FricLrnSrlComSvcDff	_Cnt_lgc	
$\underline{tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_HysAddSrlComSvcDft_Cnt_lgc}$	tgt_CDDInterface_Per4_HysAddSrlComSvcD	t_Cnt_lgc	
tgt Rte Inst Sa CDDInterface.CDDInterface Per4 HystCompSrlComSvcDft Cnt I	tgt_CDDInterface_Per4_HystCompSrlComSv	cDft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_KinIntDiagSrlComSvcDft_Cnt_learners	tgt_CDDInterface_Per4_KinIntDiagSrlComSv	cDft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_LimitSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_LimitSrlComSvcDft_0	Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MEC_Cnt_enum	tgt_CDDInterface_Per4_MEC_Cnt_enum		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MfgDiagInhibit_Cnt_lgc	tgt_CDDInterface_Per4_MfgDiagInhibit_Cnt_I	gc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ModIdxSrlComSvcDft_Cnt_Igc	tgt_CDDInterface_Per4_ModIdxSrlComSvcDf		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MtrElecMechPolarity_Cnt_s08	tgt_CDDInterface_Per4_MtrElecMechPolarity		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MtrParmNrmLrnSrlComSvcDft_	tgt_CDDInterface_Per4_MtrParmNrmLrnSrlCo	omSvcDft Cnt lgc	
tgt Rte Inst Sa CDDInterface.CDDInterface Per4 MtrVelNrmLrnSrlComSvcDft Ci	tgt_CDDInterface_Per4_MtrVelNrmLrnSrlCon		
tot Dto Inct Sa CDDInterface CDDInterface Bord Multian ColComputation Col		SvcDft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MultIgnSrlComSvcDft_Cnt_Igc	tgt_CDDInterface_Per4_MultIgnSrlComSvcDf	SvcDft_Cnt_lgc t_Cnt_lgc	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc$	tgt_CDDInterface_Per4_ParkAstSrlComSvcD	SvcDft_Cnt_lgc t_Cnt_lgc ft_Cnt_lgc	
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tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_PosTrajEnable_Cnt_lgc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_PullCompLrnSrlComSvcDft_Cnt tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_PullCompSrlComSvcDft_Cnt_lgc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ReturnSrlComSvcDft_Cnt_lgc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_RxMsgsSrlComSvcDft_Cnt_lgc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_SftEndStpSrlComSvcDft_Cnt_lgc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_SrlComSvcDft_Cnt_b32 tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ThermalDCSrlComSvcDft_Cnt_ tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_TrqRmpSrlComSvcDft_Cnt_ tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_WIRMfgEnabled_Cnt_lgc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_WIRMfgEnabled_Cnt_lgc Name CDD_ModIdxSrlComSvcDft_Cnt_G_u16	tgt_CDDInterface_Per4_ParkAstSrlComSvcD tgt_CDDInterface_Per4_PoSTrajEnable_Cnt_ tgt_CDDInterface_Per4_PullCompLrnSrlComSvcD tgt_CDDInterface_Per4_PullCompSrlComSvcD tgt_CDDInterface_Per4_ReturnSrlComSvcDft tgt_CDDInterface_Per4_RxMsgsSrlComSvcD tgt_CDDInterface_Per4_SflEndStpSrlComSvcD tgt_CDDInterface_Per4_SrlComSvcDft_Cnt_Et tgt_CDDInterface_Per4_ThermaIDCSrlComSvtD tgt_CDDInterface_Per4_TrqRmpSrlComSvcD tgt_CDDInterface_Per4_TrqRmpSrlComSvcD tgt_CDDInterface_Per4_WiRMfgEnabled_Cnt Actual Value	asvcDft_Cnt_lgc t_Cnt_lgc gc svcDft_Cnt_lgc Dft_Cnt_lgc Cnt_lgc Cnt_lgc ft_Cnt_lgc Cnt_lgc ft_Cnt_lgc Cnt_lgc ft_Cnt_lgc Cnt_lgc Cnt_l	Resu
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_PosTrajEnable_Cnt_lgc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_PullCompt_rnSrlComSvcDft_Cnt tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_PullCompSrlComSvcDft_Cnt_lgc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ReturnSrlComSvcDft_Cnt_lgc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_RxMsgsSrlComSvcDft_Cnt_lgc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_SftEndStpSrlComSvcDft_Cnt_lgc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_SrlComSvcDft_Cnt_b32 tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ThermalDCSrlComSvcDft_Cnt_ tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_TrqRmpSrlComSvcDft_Cnt_ tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_WIRMfgEnabled_Cnt_lgc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_WIRMfgEnabled_Cnt_lgc Name CDD_ModIdxSrlComSvcDft_Cnt_G_u16 PrevMtrElecMechPolarity_Cnt_M_s08	tgt_CDDInterface_Per4_ParkAstSrlComSvcD tgt_CDDInterface_Per4_PoSTrajEnable_Cnt_ tgt_CDDInterface_Per4_PullCompLrnSrlComSvcD tgt_CDDInterface_Per4_PullCompSrlComSvcD tgt_CDDInterface_Per4_ReturnSrlComSvcDft tgt_CDDInterface_Per4_RxMsgsSrlComSvcD tgt_CDDInterface_Per4_SftEndStpSrlComSvcD tgt_CDDInterface_Per4_SrlComSvcDft_Cnt_E tgt_CDDInterface_Per4_ThermaIDCSrlComSvcD tgt_CDDInterface_Per4_TrqRmpSrlComSvcD tgt_CDDInterface_Per4_TrqRmpSrlComSvcD tgt_CDDInterface_Per4_WIRMfgEnabled_Cnt Actual Value 1	asvcDft_Cnt_lgc t_Cnt_lgc t_Cnt_lgc gc svcDft_Cnt_lgc Dft_Cnt_lgc _Cnt_lgc ft_Cnt_lgc _Cnt_lgc ft_Cnt_lgc dft_Cnt_lgc Dft_Cnt_lgc dft_Cnt_lgc gc svcDft_Cnt_lgc ft_Cnt_lgc lgc Expected Value 1	•
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_PosTrajEnable_Cnt_lgc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_PullCompt_rnSrlComSvcDft_Cnt tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_PullCompSrlComSvcDft_Cnt_lgc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ReturnSrlComSvcDft_Cnt_lgc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_RxMsgsSrlComSvcDft_Cnt_lgc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_SftEndStpSrlComSvcDft_Cnt_lgc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_SrlComSvcDft_Cnt_b32 tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ThermalDCSrlComSvcDft_Cnt_ tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_TrqRmpSrlComSvcDft_Cnt_ tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_WIRMfgEnabled_Cnt_lgc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_WIRMfgEnabled_Cnt_lgc Name CDD_ModIdxSrlComSvcDft_Cnt_G_u16 PrevMtrElecMechPolarity_Cnt_M_s08 tgt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_lgc.value	tgt_CDDInterface_Per4_ParkAstSrlComSvcD tgt_CDDInterface_Per4_PoSTrajEnable_Cnt_ tgt_CDDInterface_Per4_PullCompLrnSrlComSvcD tgt_CDDInterface_Per4_PullCompSrlComSvcD tgt_CDDInterface_Per4_ReturnSrlComSvcDft tgt_CDDInterface_Per4_RxMsgsSrlComSvcD tgt_CDDInterface_Per4_SflEndStpSrlComSvcD tgt_CDDInterface_Per4_SrlComSvcDft_Cnt_E tgt_CDDInterface_Per4_ThermaIDCSrlComSvcD tgt_CDDInterface_Per4_TrqRmpSrlComSvcD tgt_CDDInterface_Per4_TrqRmpSrlComSvcD tgt_CDDInterface_Per4_WiRMfgEnabled_Cnt Actual Value 1 1 0	asvcDft_Cnt_lgc t_Cnt_lgc t_Cnt_lgc gc svcDft_Cnt_lgc Dft_Cnt_lgc _Cnt_lgc ft_Cnt_lgc _Cnt_lgc ft_Cnt_lgc _Dft_Cnt_lgc _Dft_Cnt_lgc _Dft_Cnt_lgc _32 vcDft_Cnt_lgc ft_Cnt_lgc ft_Cnt_lgc _lgc Expected Value 1	•
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_PosTrajEnable_Cnt_lgc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_PullCompt_rnSrlComSvcDft_Cnt tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_PullCompSrlComSvcDft_Cnt_lgc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ReturnSrlComSvcDft_Cnt_lgc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_RxMsgsSrlComSvcDft_Cnt_lgc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_SftEndStpSrlComSvcDft_Cnt_lgc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_SrlComSvcDft_Cnt_b32 tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ThermalDCSrlComSvcDft_Cnt_ tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_TrqRmpSrlComSvcDft_Cnt_ tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_WIRMfgEnabled_Cnt_lgc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_WIRMfgEnabled_Cnt_lgc Name CDD_ModIdxSrlComSvcDft_Cnt_G_u16 PrevMtrElecMechPolarity_Cnt_M_s08 tgt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc.value	tgt_CDDInterface_Per4_ParkAstSrlComSvcD tgt_CDDInterface_Per4_PoSTrajEnable_Cnt_ tgt_CDDInterface_Per4_PullCompLrnSrlComSvcD tgt_CDDInterface_Per4_PullCompSrlComSvcD tgt_CDDInterface_Per4_ReturnSrlComSvcDft tgt_CDDInterface_Per4_RxMsgsSrlComSvcD tgt_CDDInterface_Per4_SflEndStpSrlComSvcD tgt_CDDInterface_Per4_SrlComSvcDft_Cnt_E tgt_CDDInterface_Per4_ThermaIDCSrlComSvtD tgt_CDDInterface_Per4_TrqRmpSrlComSvcD tgt_CDDInterface_Per4_WiRMfgEnabled_Cnt Actual Value 1 0 0	asvcDft_Cnt_lgc t_Cnt_lgc t_Cnt_lgc gc svcDft_Cnt_lgc Dft_Cnt_lgc _Cnt_lgc ft_Cnt_lgc _Cnt_lgc ft_Cnt_lgc Dft_Cnt_lgc Dft_Cnt_lgc 32 vcDft_Cnt_lgc ft_Cnt_lgc ft_Cnt_lgc ft_Cnt_lgc ft_Cnt_lgc ft_Cnt_lgc 1000 1100 1100 1100 1100 1100 1100 11	•
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_PosTrajEnable_Cnt_lgc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_PullCompt_rnSrlComSvcDft_Cnt tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_PullCompSrlComSvcDft_Cnt_lgc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ReturnSrlComSvcDft_Cnt_lgc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_RxMsgsSrlComSvcDft_Cnt_lgc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_SftEndStpSrlComSvcDft_Cnt_lgc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_SrlComSvcDft_Cnt_b32 tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_TrqRmpSrlComSvcDft_Cnt_ tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_TrqRmpSrlComSvcDft_Cnt_ tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_WIRMfgEnabled_Cnt_lgc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_WIRMfgEnabled_Cnt_lgc Name CDD_ModIdxSrlComSvcDft_Cnt_G_u16 PrevMtrElecMechPolarity_Cnt_M_s08 tgt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc.value	tgt_CDDInterface_Per4_ParkAstSrlComSvcD tgt_CDDInterface_Per4_PoSTrajEnable_Cnt_ tgt_CDDInterface_Per4_PullCompLrnSrlComSvcD tgt_CDDInterface_Per4_PullCompSrlComSvcD tgt_CDDInterface_Per4_ReturnSrlComSvcDft tgt_CDDInterface_Per4_SftEndStpSrlComSvcD tgt_CDDInterface_Per4_SftEndStpSrlComSvcD tgt_CDDInterface_Per4_SrlComSvcDft_Cnt_Et tgt_CDDInterface_Per4_ThermaIDCSrlComSvtD tgt_CDDInterface_Per4_TrqRmpSrlComSvcD tgt_CDDInterface_Per4_WIRMfgEnabled_Cnt Actual Value 1 0 0 0	asvcDft_Cnt_lgc t_Cnt_lgc gc svcDft_Cnt_lgc Dft_Cnt_lgc Cnt_lgc Cnt_lgc Cnt_lgc Cnt_lgc Cnt_lgc ft_Cnt_lgc Cnt_lgc Cnt	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_PosTrajEnable_Cnt_lgc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_PullCompLrmSrlComSvcDft_Cnt_tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_PullCompSrlComSvcDft_Cnt_lgc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ReturnSrlComSvcDft_Cnt_lgc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_RxMsgsSrlComSvcDft_Cnt_lgc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_SftEndStpSrlComSvcDft_Cnt_lgc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_SrlComSvcDft_Cnt_lgc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ThermalDCSrlComSvcDft_Cnt_ tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_TrqRmpSrlComSvcDft_Cnt_ tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_WIRMfgEnabled_Cnt_lgc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_WIRMfgEnabled_Cnt_lgc Name CDD_ModIdxSrlComSvcDft_Cnt_G_u16 PrevMtrElecMechPolarity_Cnt_M_s08 tgt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DisableCEBusNormComm_Cnt_lgc.value	tgt_CDDInterface_Per4_ParkAstSrlComSvcD tgt_CDDInterface_Per4_PoSTrajEnable_Cnt_ tgt_CDDInterface_Per4_PullCompLrnSrlComSvcD tgt_CDDInterface_Per4_PullCompSrlComSvcD tgt_CDDInterface_Per4_ReturnSrlComSvcDft tgt_CDDInterface_Per4_RxMsgsSrlComSvcD tgt_CDDInterface_Per4_SftEndStpSrlComSvcD tgt_CDDInterface_Per4_SrlComSvcDft_Cnt_Et tgt_CDDInterface_Per4_TrqRmpSrlComSvcD tgt_CDDInterface_Per4_TrqRmpSrlComSvcD tgt_CDDInterface_Per4_WiRMfgEnabled_Cnt Actual Value 1 0 0 0 0	asveDft_Cnt_lgc t_Cnt_lgc t_Cnt_lgc gc svcDft_Cnt_lgc Dft_Cnt_lgc Cnt_lgc f_Cnt_lgc f_Cnt_lgc f_Cnt_lgc st_Cnt_lgc st_Cnt	Resul
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_PosTrajEnable_Cnt_lgc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_PullCompLrnSrlComSvcDft_Cnt_tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_PullCompSrlComSvcDft_Cnt_lgc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ReturnSrlComSvcDft_Cnt_lgc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_RxMsgsSrlComSvcDft_Cnt_lgc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_SftEndStpSrlComSvcDft_Cnt_lgc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_SrlComSvcDft_Cnt_lgc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ThermalDCSrlComSvcDft_Cnt_ tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_TrqRmpSrlComSvcDft_Cnt_ tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_WIRMfgEnabled_Cnt_lgc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_WIRMfgEnabled_Cnt_lgc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_WIRMfgEnabled_Cnt_lgc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_URMpgEnabled_Cnt_lgc tgt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DisableCEBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc.value	tgt_CDDInterface_Per4_ParkAstSrlComSvcD tgt_CDDInterface_Per4_PoSTrajEnable_Cnt_ tgt_CDDInterface_Per4_PullCompLrnSrlComSvcD tgt_CDDInterface_Per4_PullCompSrlComSvcD tgt_CDDInterface_Per4_ReturnSrlComSvcDft tgt_CDDInterface_Per4_StfEndStpSrlComSvcD tgt_CDDInterface_Per4_SftEndStpSrlComSvcD tgt_CDDInterface_Per4_SrlComSvcDft_Cnt_Et tgt_CDDInterface_Per4_ThermaIDCSrlComSvcD tgt_CDDInterface_Per4_TrqRmpSrlComSvcD tgt_CDDInterface_Per4_WIRMfgEnabled_Cnt Actual Value 1 0 0 0 0 0	asveDft_Cnt_lgc t_Cnt_lgc gc svcDft_Cnt_lgc gc svcDft_Cnt_lgc Dft_Cnt_lgc Cnt_lgc ft_Cnt_lgc gc t_Cnt_lgc gc t_Cnt_lgc gc t_Cnt_lgc gc t_Cnt_lgc gc g	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_PosTrajEnable_Cnt_lgc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_PullCompLrmSrlComSvcDft_Cnt_tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_PullCompSrlComSvcDft_Cnt_lgc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ReturnSrlComSvcDft_Cnt_lgc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_RxMsgsSrlComSvcDft_Cnt_lgc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_SftEndStpSrlComSvcDft_Cnt_lgc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_SrlComSvcDft_Cnt_lgc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ThermalDCSrlComSvcDft_Cnt_ tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_TrqRmpSrlComSvcDft_Cnt_ tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_WIRMfgEnabled_Cnt_lgc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_WIRMfgEnabled_Cnt_lgc Name CDD_ModIdxSrlComSvcDft_Cnt_G_u16 PrevMtrElecMechPolarity_Cnt_M_s08 tgt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DisableCEBusNormComm_Cnt_lgc.value	tgt_CDDInterface_Per4_ParkAstSrlComSvcD tgt_CDDInterface_Per4_PoSTrajEnable_Cnt_ tgt_CDDInterface_Per4_PullCompLrnSrlComSvcD tgt_CDDInterface_Per4_PullCompSrlComSvcD tgt_CDDInterface_Per4_ReturnSrlComSvcDft tgt_CDDInterface_Per4_RxMsgsSrlComSvcD tgt_CDDInterface_Per4_SftEndStpSrlComSvcD tgt_CDDInterface_Per4_SrlComSvcDft_Cnt_Et tgt_CDDInterface_Per4_TrqRmpSrlComSvcD tgt_CDDInterface_Per4_TrqRmpSrlComSvcD tgt_CDDInterface_Per4_WiRMfgEnabled_Cnt Actual Value 1 0 0 0 0	asveDft_Cnt_lgc t_Cnt_lgc t_Cnt_lgc gc svcDft_Cnt_lgc Dft_Cnt_lgc Cnt_lgc f_Cnt_lgc f_Cnt_lgc f_Cnt_lgc st_Cnt_lgc st_Cnt	•

2015-02-18, 15:45:12+0530



Name	Actual Value	Expected Value	Result
tgt_CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_EOTThermalSrlComSvcDft_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_FricLrnSrlComSvcDft_Cnt_lgc.value	0	0	•
tgt_CDDInterface_Per4_HysAddSrlComSvcDft_Cnt_lgc.value	0	0	•
tgt_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_lgc.value	0	0	•
tgt_CDDInterface_Per4_KinIntDiagSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_LimitSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_MEC_Cnt_enum.value	1	1	~
tgt_CDDInterface_Per4_MfgDiagInhibit_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_ModIdxSrlComSvcDft_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_MtrParmNrmLrnSrlComSvcDft_Cnt_lgc.value	1	1	•
tgt_CDDInterface_Per4_MtrVelNrmLrnSrlComSvcDft_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_MultIgnSrlComSvcDft_Cnt_lgc.value	0	0	•
tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_PosTrajEnable_Cnt_lgc.value	1	1	✓
tgt_CDDInterface_Per4_PullCompLrnSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_PullCompSrlComSvcDft_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_ReturnSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_RxMsgsSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_SftEndStpSrlComSvcDft_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_SrlComSvcDft_Cnt_b32.value	5874	5874	•
tgt_CDDInterface_Per4_ThermalDCSrlComSvcDft_Cnt_lgc.value	0	0	•
tgt_CDDInterface_Per4_TrqRmpSrlComSvcDft_Cnt_lgc.value	0	0	•
tgt_CDDInterface_Per4_WIRMfgEnabled_Cnt_lgc.value	0	0	~

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Sa_CDDInterface_CDDPorts_ApplyMtrElecMechPol	1	Rte_Call_Sa_CDDInterface_CDDPorts_ApplyMtrElecMechPol	1	~



Test Case 3: Path Test

Specification

```
Performance Metrics (With "None"
Instrumentation and WithPS Environment)
CPU Cycles:
```

TS3.1 1300.00 Cycles
TS3.2 1247.00 Cycles
TS3.3 738.00 Cycles
TS3.4 709.00 Cycles
TS3.5 697.00 Cycles
TS3.5 697.00 Cycles
TS3.6 727.00 Cycles
TS3.7 727.00 Cycles
TS3.9 728.00 Cycles
TS3.10 T2.00 Cycles
TS3.11 743.00 Cycles
TS3.11 743.00 Cycles
TS3.12 1240.00 Cycles
TS3.13 T440.00 Cycles
TS3.14 789.00 Cycles
TS3.15 738.00 Cycles

Description

Vector Description:

Test Step 3.1 (Repeat Count = 1)	✓
Name	Input Value
CDD_BallNutTempEstDisableSvc_Cnt_G_lgc	0
CDD_DftAsstTbl_Cnt_G_lgc	0
CDD_DisableCEBusNormComm_Cnt_lgc	0
CDD_DisableHSBusNormComm_Cnt_lgc	0
CDD_DwnldAsstGain_Uls_G_f32	0
CDD_EOLNxtrWIRSelect_Cnt_G_u16	42402
CDD_EOLSrlComSvcDft_Cnt_G_b32	0
CDD_GenPosTrajEnableFlag_Cnt_G_lgc	0
CDD_PullCompDisableSvc_Cnt_G_lgc	0
CDD_PwrAsstModeSvc_Cnt_G_lgc	0
CDD_SftEndStpDisableSvc_Cnt_G_lgc	0
CDD_WIRDisableSvc_Cnt_G_lgc	0
MfgDiagInhibit_UIs_G_lgc	0
Nvm_CMEC_Cnt_u8	0
NxtrMEC_UIs_G_enum	0
PrevMtrElecMechPolarity_Cnt_M_s08	1
Rte_Inst_Sa_CDDInterface	tgt_Rte_Inst_Sa_CDDInterface
tgt_CDDInterface_Per4_MtrElecMechPolarity_Cnt_s08.value	-1
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Signature and the property of the $	tgt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_lgc
tgt Rte Inst Sa CDDInterface.CDDInterface Per4 DampingSrlComSvcDft Cnt Ige	tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DftAsstTbl_Cnt_lgc	tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc

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0xFF)==>True))))"





Name	Input Value		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DisableCEBusNormComm_Cnt	tgt_CDDInterface_Per4_DisableCEBusNorm	Comm_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DisableHSBusNormComm_Cnt	tgt_CDDInterface_Per4_DisableHSBusNorm	Comm_Cnt_lgc	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Results (See Supplied From Sec Supplied From$			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DwnldAsstGain_Uls_f32	tgt_CDDInterface_Per4_DwnldAsstGain_Uls		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_EOTThermalSrlComSvcDft_Cn tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_EOTThermalSrlCom tgt_CDDInterface_Per4_EngONSrlComSvcD		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_FreqDepDmpSrlComSvcDft_Cr			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_FricLrnSrlComSvcDft_Cnt_Igc	tgt CDDInterface Per4 FricLrnSrlComSvcDf		
tgt Rte Inst Sa CDDInterface.CDDInterface Per4 HysAddSrlComSvcDft Cnt Igc			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_I			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_KinIntDiagSrlComSvcDft_Cnt_I	tgt_CDDInterface_Per4_KinIntDiagSrlComSv	cDft_Cnt_lgc	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_LimitSrlComSvcDft_Cnt_lgc$	tgt_CDDInterface_Per4_LimitSrlComSvcDft_	Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MEC_Cnt_enum	tgt_CDDInterface_Per4_MEC_Cnt_enum		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MfgDiagInhibit_Cnt_lgc	tgt_CDDInterface_Per4_MfgDiagInhibit_Cnt_	•	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ModidxSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_ModIdxSrlComSvcD		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MtrElecMechPolarity_Cnt_s08	tgt_CDDInterface_Per4_MtrElecMechPolarity		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MtrParmNrmLrnSrlComSvcDft_			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MtrVelNrmLrnSrlComSvcDft_C tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MultIgnSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_MtrVelNrmLrnSrlCor tgt_CDDInterface_Per4_MultIgnSrlComSvcD		
tgt Rte Inst Sa CDDInterface.CDDInterface Per4 ParkAstSrlComSvcDft Cnt Igc			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_PosTrajEnable_Cnt_Igc	tgt CDDInterface Per4 PosTrajEnable Cnt		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_PullCompLrnSrlComSvcDft_Cn		- -	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_PullCompSrlComSvcDft_Cnt_lg	tgt_CDDInterface_Per4_PullCompSrlComSv	cDft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ReturnSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_ReturnSrlComSvcDf	t_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_RxMsgsSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_RxMsgsSrlComSvcI	Oft_Cnt_lgc	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_SftEndStpSrlComSvcDft_Cnt_IqUID and the state of the state o$			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_SrlComSvcDft_Cnt_b32	tgt_CDDInterface_Per4_SrlComSvcDft_Cnt_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ThermalDCSrlComSvcDft_Cnt_			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_TrqRmpSrlComSvcDft_Cnt_lgc			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_WIRMfgEnabled_Cnt_lgc	tgt_CDDInterface_Per4_WIRMfgEnabled_Cn		Popult
Name CDD ModdySc/ComSyaDft Cot C u16	Actual Value	Expected Value	Result
CDD_ModldxSrlComSvcDft_Cnt_G_u16 PrevMtrElecMechPolarity_Cnt_M_s08	-1	-1	~
tgt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_lgc.value	0	0	
tgt CDDInterface Per4 DampingSrlComSvcDft Cnt lgc.value	0	0	✓
tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_DisableCEBusNormComm_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc.value	0	0	~
$tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc.value$	0	0	~
tgt_CDDInterface_Per4_DwnldAsstGain_Uls_f32.value	0	0 ± 0.000009	~
tgt_CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_EOTThermalSrlComSvcDft_Cnt_lgc.value	0	0	V
tgt_CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc.value	0	0	*
tgt_CDDInterface_Per4_FreqDepDmpSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_FricLrnSrlComSvcDft_Cnt_lgc.value	0	0	
tgt_CDDInterface_Per4_HysAddSrlComSvcDft_Cnt_lgc.value	0	0	
tgt_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_lgc.value	0	0	✓
tgt_CDDInterface_Per4_KinIntDiagSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_LimitSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_MEC_Cnt_enum.value	0	0	~
tgt_CDDInterface_Per4_MfgDiagInhibit_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_ModIdxSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_MtrParmNrmLrnSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_MtrVelNrmLrnSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_MultIgnSrlComSvcDft_Cnt_Igc.value	0	0	•
tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc.value	0	0	-
tgt_CDDInterface_Per4_PosTrajEnable_Cnt_lgc.value	U		
	0		
tgt_CDDInterface_Per4_PullCompLrnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_PullCompSrlComSvcDft_Cnt_lgc.value	0	0	✓
tgt_CDDInterface_Per4_PullCompSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_PullCompSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ReturnSrlComSvcDft_Cnt_lgc.value			\ \ \ \ \ \
tgt_CDDInterface_Per4_PullCompSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ReturnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_RxMsgsSrlComSvcDft_Cnt_lgc.value	0	0	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
tgt_CDDInterface_Per4_PullCompSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ReturnSrlComSvcDft_Cnt_lgc.value	0 0 0	0 0 0	*
tgt_CDDInterface_Per4_PullCompSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ReturnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_RxMsgsSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_SftEndStpSrlComSvcDft_Cnt_lgc.value	0 0 0 0	0 0 0 0	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
tgt_CDDInterface_Per4_PullCompSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ReturnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_RxMsgsSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_SftEndStpSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_SrlComSvcDft_Cnt_lgc.value	0 0 0 0 0	0 0 0 0	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
tgt_CDDInterface_Per4_PullCompSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ReturnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_RxMsgsSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_SftEndStpSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_SrlComSvcDft_Cnt_b32.value tgt_CDDInterface_Per4_ThermalDCSrlComSvcDft_Cnt_lgc.value	0 0 0 0 0	0 0 0 0 0	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Sa_CDDInterface_CDDPorts_ApplyMtrElecMechPol	1	Rte_Call_Sa_CDDInterface_CDDPorts_ApplyMtrElecMechPol	1	~



Test Step 3.2 (Repeat Count = 1)			4
Name	Input Value		
CDD_BallNutTempEstDisableSvc_Cnt_G_lgc	0		
CDD_DftAsstTbl_Cnt_G_lgc	0		
CDD_DisableCEBusNormComm_Cnt_lgc	0		
CDD_DisableHSBusNormComm_Cnt_lgc	0		
CDD_DwnldAsstGain_Uls_G_f32	0		
CDD_EOLNxtrWIRSelect_Cnt_G_u16	42402		
CDD_EOLSrlComSvcDft_Cnt_G_b32	0		
CDD_GenPosTrajEnableFlag_Cnt_G_lgc	0		
CDD_PullCompDisableSvc_Cnt_G_lgc CDD_PwrAsstModeSvc_Cnt_G_lgc	0		
CDD_SftEndStpDisableSvc_Cnt_G_lgc	0		
CDD_WIRDisableSvc_Cnt_G_lgc	0		
MfgDiagInhibit_Uls_G_lgc	0		
Nvm_CMEC_Cnt_u8	0		
NxtrMEC_UIs_G_enum	1		
PrevMtrElecMechPolarity_Cnt_M_s08	0		
Rte_Inst_Sa_CDDInterface tgt CDDInterface Per4 MtrElecMechPolarity Cnt s08.value	tgt_Rte_Inst_Sa_CDDInterface		
tgt Rte Inst Sa CDDInterface.CDDInterface Per4 BallNutTempEstSrlComSvcDft		omSvcDft Cnt lac	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DampingSrlComSvcDft_Cnt_Igu	tgt_CDDInterface_Per4_DampingSrlComSvc		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DftAsstTbl_Cnt_lgc	tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc		
tgt Rte Inst Sa CDDInterface.CDDInterface Per4 DisableCEBusNormComm Cnt	tgt_CDDInterface_Per4_DisableCEBusNorm	Comm_Cnt_lgc	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DisableHSBusNormComm_CntDisab$			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_	tgt_CDDInterface_Per4_DrivingDynSrlComS		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DwnIdAsstGain_Uls_f32	tgt_CDDInterface_Per4_DwnldAsstGain_Uls		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_EOTThermalSrlComSvcDft_Cn tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_EOT ThermalshCom tgt_CDDInterface_Per4_EngONSrlComSvcD		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_FreqDepDmpSrlComSvcDft_Cr	tgt_CDDInterface_Per4_FreqDepDmpSrlCon		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_FricLrnSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_FricLrnSrlComSvcDf		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_HysAddSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_HysAddSrlComSvcD	oft_Cnt_lgc	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_HystCompSrlComSvcDft_Dinterface_Per4_HystCompSrlComSvcDft_Dinterface_Per4_HystCompSrlComSvcDft_Dinterface_Per4_HystCompSrlComSvcDft_Dinterface_Per4_HystCompSrlComSvcDft_Dinterface_Per4_HystCompSrlComSvcDft_Dinterface_Per4_HystCompSrlComSvcDft_Dinterface_Per4_HystCompSrlComSvcDft_Dinterface_Per4_HystCompSrlComSvcDft_Dinterface_Per4_HystCompSrlComSvcDft_Dinterface_$	tgt_CDDInterface_Per4_HystCompSrlComSv	rcDft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_KinIntDiagSrlComSvcDft_Cnt_le			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_LimitSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_LimitSrlComSvcDft_	Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MEC_Cnt_enum tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MfgDiagInhibit_Cnt_lgc	tgt_CDDInterface_Per4_MEC_Cnt_enum	lae	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ModIdxSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_MfgDiagInhibit_Cnt_ tgt_CDDInterface_Per4_ModIdxSrlComSvcD		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MtrElecMechPolarity_Cnt_s08	tgt CDDInterface Per4 MtrElecMechPolarity		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MtrParmNrmLrnSrlComSvcDft_	tgt_CDDInterface_Per4_MtrParmNrmLrnSrlC		
tgt Rte Inst Sa CDDInterface.CDDInterface Per4 MtrVelNrmLrnSrlComSvcDft C	tgt_CDDInterface_Per4_MtrVelNrmLrnSrlCor	nSvcDft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MultIgnSrlComSvcDft_Cnt_Igc	tgt_CDDInterface_Per4_MultIgnSrlComSvcD	ft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_ParkAstSrlComSvcE		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_PosTrajEnable_Cnt_Igc	tgt_CDDInterface_Per4_PosTrajEnable_Cnt_	•	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_PullCompLrnSrlComSvcDft_Cn tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_PullCompSrlComSvcDft_Cnt_Ig			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ReturnSrlComSvcDft_Cnt_lgc	tgt CDDInterface Per4 ReturnSrlComSvcDf		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_RxMsgsSrlComSvcDft_Cnt_lgc			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_SftEndStpSrlComSvcDft_Cnt_lg			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_SrlComSvcDft_Cnt_b32	tgt_CDDInterface_Per4_SrlComSvcDft_Cnt_	b32	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ThermalDCSrlComSvcDft_Cnt_Results (ComSvcDft_Cnt_Results (ComSvcD$			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_TrqRmpSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_TrqRmpSrlComSvcI		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_WIRMfgEnabled_Cnt_lgc	tgt_CDDInterface_Per4_WIRMfgEnabled_Cn		l
Name	Actual Value	Expected Value	Result
CDD_ModIdxSrlComSvcDft_Cnt_G_u16 PrevMtrElecMechPolarity Cnt M s08	0 -1	0 -1	
tgt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc.value	0	0	V
tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_DisableCEBusNormComm_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc.value	0	0	•
tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_DwnldAsstGain_Uls_f32.value	0	0 ± 0.000009	✓
tgt_CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTThermalSrlComSvcDft_Cnt_lgc.value	0	0	2
tgt_CDDInterlace_Per4_EOT ThermalshcomsvcDit_Cnt_lgc.value tgt_CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc.value	0	0	-
tgt_CDDInterface_Per4_FreqDepDmpSrlComSvcDft Cnt lgc.value	0	0	~
tgt_CDDInterface_Per4_FricLrnSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_HysAddSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_KinIntDiagSrlComSvcDft_Cnt_lgc.value	0	0	

 $tgt_CDDInterface_Per4_ReturnSrlComSvcDft_Cnt_lgc.value$

tgt_CDDInterface_Per4_SrlComSvcDft_Cnt_b32.value

tgt_CDDInterface_Per4_WIRMfgEnabled_Cnt_lgc.value

tgt_CDDInterface_Per4_RxMsgsSrlComSvcDft_Cnt_lgc.value

 $tgt_CDDInterface_Per4_SftEndStpSrlComSvcDft_Cnt_lgc.value$

tgt_CDDInterface_Per4_ThermalDCSrlComSvcDft_Cnt_lgc.value

 $tgt_CDDInterface_Per4_TrqRmpSrlComSvcDft_Cnt_lgc.value$

2015-02-18, 15:45:12+0530

0

0

n

0

0

0

1



CDDInterface_Per4 **Actual Value Expected Value** $tgt_CDDInterface_Per4_LimitSrlComSvcDft_Cnt_lgc.value$ 0 0 tgt_CDDInterface_Per4_MEC_Cnt_enum.value $tgt_CDDInterface_Per4_MfgDiagInhibit_Cnt_lgc.value$ 0 0 $tgt_CDDInterface_Per4_ModIdxSrlComSvcDft_Cnt_lgc.value$ 0 0 $tgt_CDDInterface_Per4_MtrParmNrmLrnSrlComSvcDft_Cnt_lgc.value$ 0 0 $tgt_CDDInterface_Per4_MtrVelNrmLrnSrlComSvcDft_Cnt_lgc.value$ 0 0 tgt_CDDInterface_Per4_MultIgnSrlComSvcDft_Cnt_lgc.value 0 0 $tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc.value$ 0 0 tgt_CDDInterface_Per4_PosTrajEnable_Cnt_lgc.value 0 0 $tgt_CDDInterface_Per4_PullCompLrnSrlComSvcDft_Cnt_lgc.value$ n 0 tgt_CDDInterface_Per4_PullCompSrlComSvcDft_Cnt_lgc.value 0 0

n

0

n

0

0

0

1

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Sa_CDDInterface_CDDPorts_ApplyMtrElecMechPol	1	Rte_Call_Sa_CDDInterface_CDDPorts_ApplyMtrElecMechPol	1	~

T (0) 00/P (0 (1)	
Test Step 3.3 (Repeat Count = 1)	Innuit Value
Name	Input Value
CDD_BallNutTempEstDisableSvc_Cnt_G_lgc	0
CDD_DftAsstTbl_Cnt_G_lgc	0
CDD_DisableCEBusNormComm_Cnt_lgc	0
CDD_DisableHSBusNormComm_Cnt_lgc	0
CDD_DwnldAsstGain_Uls_G_f32	0
CDD_EOLNxtrWIRSelect_Cnt_G_u16	42402
CDD_EOLSrlComSvcDft_Cnt_G_b32	0
CDD_GenPosTrajEnableFlag_Cnt_G_lgc	0
CDD_PullCompDisableSvc_Cnt_G_lgc	0
CDD_PwrAsstModeSvc_Cnt_G_lgc	0
CDD_SftEndStpDisableSvc_Cnt_G_lgc	0
CDD_WIRDisableSvc_Cnt_G_lgc	0
MfgDiagInhibit_Uls_G_lgc	0
Nvm_CMEC_Cnt_u8	5
NxtrMEC_UIs_G_enum	0
PrevMtrElecMechPolarity_Cnt_M_s08	-1
Rte_Inst_Sa_CDDInterface	tgt_Rte_Inst_Sa_CDDInterface
tgt_CDDInterface_Per4_MtrElecMechPolarity_Cnt_s08.value	-1
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_BallNutTempEstSrlComSvcDft_	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgradered and the state of the state$	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DftAsstTbl_Cnt_lgc	tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DisableCEBusNormComm_Cn	
tgt Rte Inst Sa CDDInterface.CDDInterface Per4 DisableHSBusNormComm Cn	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface.CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface.CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface.CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface.CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface.CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface.CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface.CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface.CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface.CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface.CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface.CD$	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DwnldAsstGain_Uls_f32	tgt_CDDInterface_Per4_DwnldAsstGain_UIs_f32
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_EOTImpactSrlComSvcDinterface_Per4_EOTIm$	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_EOTThermalSrlComSvcDft_Crresults and the state of the state $	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc$	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_FreqDepDmpSrlComSvcDft_ComS$	r tgt_CDDInterface_Per4_FreqDepDmpSrlComSvcDft_Cnt_lgc
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_FricLrnSrlComSvcDft_Cnt_lgc$	tgt_CDDInterface_Per4_FricLrnSrlComSvcDft_Cnt_lgc
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_HysAddSrlComSvcDft_Cnt_lgcdiscomSvcDf$	
tgt Rte Inst Sa CDDInterface.CDDInterface Per4 HystCompSrlComSvcDft Cnt	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_KinIntDiagSrlComSvcDft_Cnt_	tgt_CDDInterface_Per4_KinIntDiagSrlComSvcDft_Cnt_lgc
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_LimitSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_LimitSrlComSvcDft_Cnt_lgc
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MEC_Cnt_enum	tgt_CDDInterface_Per4_MEC_Cnt_enum
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MfgDiagInhibit_Cnt_Igc	tgt_CDDInterface_Per4_MfgDiagInhibit_Cnt_lgc
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ModIdxSrlComSvcDft_Cnt_lgc$	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MtrElecMechPolarity_Cnt_s08$	tgt_CDDInterface_Per4_MtrElecMechPolarity_Cnt_s08
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MtrParmNrmLrnSrlComSvcDft_Results (Supplied From Supplied From Su$	tgt_CDDInterface_Per4_MtrParmNrmLrnSrlComSvcDft_Cnt_lgc
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MtrVelNrmLrnSrlComSvcDft_Co$	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MultIgnSrlComSvcDft_Cnt_lgc$	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgcdiscoms and the state of the stat$	tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_PosTrajEnable_Cnt_lgc	tgt_CDDInterface_Per4_PosTrajEnable_Cnt_lgc
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_PullCompLrnSrlComSvcDft_CrnSr$	tgt_CDDInterface_Per4_PullCompLrnSrlComSvcDft_Cnt_lgc

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Name	Input Value		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ReturnSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_ReturnSrlComSvcDf	t_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_RxMsgsSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_RxMsgsSrlComSvcE	Oft_Cnt_lgc	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_SftEndStpSrlComSvcDft_Cnt_l(a) = (CDDInterface_Per4_SftEndStpSrlComSvcDft_Cnt_l(a)) = (CD$	tgt_CDDInterface_Per4_SftEndStpSrlComSv	cDft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_SrlComSvcDft_Cnt_b32	tgt_CDDInterface_Per4_SrlComSvcDft_Cnt_	b32	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ThermalDCSrlComSvcDft_Cnt_Signature and the contract of the c$	tgt_CDDInterface_Per4_ThermalDCSrlComS	vcDft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_TrqRmpSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_TrqRmpSrlComSvcE	Oft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_WIRMfgEnabled_Cnt_lgc	tgt_CDDInterface_Per4_WIRMfgEnabled_Cn	t_lgc	
Name	Actual Value	Expected Value	Result
CDD_ModldxSrlComSvcDft_Cnt_G_u16	0	0	~
PrevMtrElecMechPolarity_Cnt_M_s08	-1	-1	~
tgt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_DisableCEBusNormComm_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_DwnldAsstGain_Uls_f32.value	0	0 ± 0.000009	~
tgt_CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_EOTThermalSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_FricLrnSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_HysAddSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_KinIntDiagSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_LimitSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_MEC_Cnt_enum.value	0	0	~
tgt_CDDInterface_Per4_MfgDiagInhibit_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_ModIdxSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_MtrParmNrmLrnSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_MtrVelNrmLrnSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_MultIgnSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_PosTrajEnable_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_PullCompLrnSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_PullCompSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_ReturnSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_RxMsgsSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_SftEndStpSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_SrlComSvcDft_Cnt_b32.value	0	0	~
tgt_CDDInterface_Per4_ThermalDCSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_TrqRmpSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_WIRMfgEnabled_Cnt_lgc.value	0	0	~

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
none	0	*** No Call Expected ***	0	~

Test Step 3.4 (Repeat Count = 1)	✓
Name	Input Value
CDD_BallNutTempEstDisableSvc_Cnt_G_lgc	0
CDD_DftAsstTbl_Cnt_G_lgc	0
CDD_DisableCEBusNormComm_Cnt_lgc	0
CDD_DisableHSBusNormComm_Cnt_lgc	0
CDD_DwnldAsstGain_Uls_G_f32	0
CDD_EOLNxtrWIRSelect_Cnt_G_u16	42402
CDD_EOLSrlComSvcDft_Cnt_G_b32	2048
CDD_GenPosTrajEnableFlag_Cnt_G_lgc	0
CDD_PullCompDisableSvc_Cnt_G_lgc	0
CDD_PwrAsstModeSvc_Cnt_G_lgc	0
CDD_SftEndStpDisableSvc_Cnt_G_lgc	0
CDD_WIRDisableSvc_Cnt_G_lgc	0
MfgDiagInhibit_Uls_G_lgc	0
Nvm_CMEC_Cnt_u8	0
NxtrMEC_UIs_G_enum	0
PrevMtrElecMechPolarity_Cnt_M_s08	-1
Rte_Inst_Sa_CDDInterface	tgt_Rte_Inst_Sa_CDDInterface
tgt_CDDInterface_Per4_MtrElecMechPolarity_Cnt_s08.value	-1
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_BallNutTempEstSrlComSvcDft_	tgt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_lgc
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgenerated and the state of the stat$	tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc





Name	Input Value		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DftAsstTbl_Cnt_lgc	tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DisableCEBusNormComm_Cnt		Comm_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DisableHSBusNormComm_Cnt	tgt_CDDInterface_Per4_DisableHSBusNorm0	Comm_Cnt_lgc	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_DrivingDynSrlComSvcDft_DrivingDynSrl$	tgt_CDDInterface_Per4_DrivingDynSrlComSv	/cDft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DwnldAsstGain_Uls_f32	tgt_CDDInterface_Per4_DwnldAsstGain_UIs_	-	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_			
tgt Rte Inst Sa CDDInterface.CDDInterface Per4 EOTThermalSrlComSvcDft Cn			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_FreqDepDmpSrlComSvcDft_Cr	tgt_CDDInterface_Per4_EngONSrlComSvcDitgt_CDDInterface_Per4_FreqDepDmpSrlCom		
tgt Rte Inst Sa CDDInterface.CDDInterface Per4 FricLrnSrlComSvcDft Cnt Igc	tgt CDDInterface Per4 FricLrnSrlComSvcDf		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_HysAddSrlComSvcDft_Cnt_lgc			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_I		cDft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_KinIntDiagSrlComSvcDft_Cnt_I	tgt_CDDInterface_Per4_KinIntDiagSrlComSv	cDft_Cnt_lgc	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_LimitSrlComSvcDft_Cnt_lgc$	tgt_CDDInterface_Per4_LimitSrlComSvcDft_0	Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MEC_Cnt_enum	tgt_CDDInterface_Per4_MEC_Cnt_enum		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MfgDiagInhibit_Cnt_lgc	tgt_CDDInterface_Per4_MfgDiagInhibit_Cnt_	-	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ModidxSriComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_ModIdxSrlComSvcDi		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MtrElecMechPolarity_Cnt_s08 tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MtrParmNrmLrnSrlComSvcDft	tgt_CDDInterface_Per4_MtrElecMechPolarity tgt_CDDInterface_Per4_MtrParmNrmLrnSrlC		
tgt Rte Inst Sa CDDInterface.CDDInterface Per4 MtrVelNrmLrnSrlComSvcDft C			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MultIgnSrlComSvcDft_Cnt_Igc	tgt CDDInterface Per4 MultIgnSrlComSvcDf	*	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_ParkAstSrlComSvcD	uft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_PosTrajEnable_Cnt_lgc	tgt_CDDInterface_Per4_PosTrajEnable_Cnt_	<u>lgc</u>	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_PullCompLrnSrlComSvcDft_Cnnscredular.$	tgt_CDDInterface_Per4_PullCompLrnSrlCom	SvcDft_Cnt_lgc	
tgt Rte Inst Sa CDDInterface.CDDInterface Per4 PullCompSrlComSvcDft Cnt lc			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ReturnSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_ReturnSrlComSvcDft		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_RxMsgsSrlComSvcDft_Cnt_lgc			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_SftEndStpSriComSvcDft_Cnt_lgt			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_SrlComSvcDft_Cnt_b32 tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ThermalDCSrlComSvcDft_Cnt_	tgt_CDDInterface_Per4_SrlComSvcDft_Cnt_t tgt_CDDInterface_Per4_ThermalDCSrlComS		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_TrqRmpSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_TrqRmpSrlComSvcD		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_WIRMfgEnabled_Cnt_Igc	tgt_CDDInterface_Per4_WIRMfgEnabled_Cn		
Name	Actual Value	Expected Value	Result
CDD_ModldxSrlComSvcDft_Cnt_G_u16	0	0	~
PrevMtrElecMechPolarity_Cnt_M_s08	-1	-1	~
tgt CDDInterface Per4 BallNutTempEstSrlComSvcDft Cnt lgc.value	0		
0 =	0	0	~
tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc.value	0	0	*
tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc.value tgt_CDDInterface_Per4_DisableCEBusNormComm_Cnt_lgc.value	0 0 0	0 0 0	\ \ \
tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc.value tgt_CDDInterface_Per4_DisableCEBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc.value	0 0 0	0 0 0 0	* * * * * * * * * * * * * * * * * * *
tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc.value tgt_CDDInterface_Per4_DisableCEBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc.value	0 0 0 0 0	0 0 0 0 0	· · · · · ·
tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc.value tgt_CDDInterface_Per4_DisableCEBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DwnldAsstGain_Uls_f32.value	0 0 0 0 0	0 0 0 0 0 0 0 ± 0.000009	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc.value tgt_CDDInterface_Per4_DisableCEBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DwnldAsstGain_Uls_f32.value tgt_CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_lgc.value	0 0 0 0 0	0 0 0 0 0	· · · · · ·
tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc.value tgt_CDDInterface_Per4_DisableCEBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DwnldAsstGain_Uls_f32.value tgt_CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTThermalSrlComSvcDft_Cnt_lgc.value	0 0 0 0 0 0	0 0 0 0 0 0 ± 0.000009	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc.value tgt_CDDInterface_Per4_DisableCEBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DwnldAsstGain_Uls_f32.value tgt_CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_lgc.value	0 0 0 0 0 0	0 0 0 0 0 0 ± 0.000009	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc.value tgt_CDDInterface_Per4_DisableCEBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DwnldAsstGain_Uls_f32.value tgt_CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTThermalSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTThermalSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc.value	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 ± 0.000009 0 0	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
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tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc.value tgt_CDDInterface_Per4_DisableCEBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTThermalSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_FreqDepDmpSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_FredPepDmSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_LimitSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MigDiagInhibit_Cnt_lgc.value tgt_CDDInterface_Per4_MigDiagInhibit_Cnt_lgc.value tgt_CDDInterface_Per4_MigDiagInhibit_Cnt_lgc.value tgt_CDDInterface_Per4_MitrParmNrmLrmSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MitrParmNrmLrmSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MitrParmNrmLrmSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MitrParmNrmLrmSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MitrParmNrmLrmSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc.value	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc.value tgt_CDDInterface_Per4_DisableCEBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTThermalSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_FreqDepDmpSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_FricLrmSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HystComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HintDiagSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MigDiagInhibit_Cnt_lgc.value tgt_CDDInterface_Per4_MigDiagInhibit_Cnt_lgc.value tgt_CDDInterface_Per4_ModidxSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MitrParmNrmLrmSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MitrParmNrmLrmSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MittlgnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MultignSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_PallCompLrmSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_PallCompLrmSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_PallCompLrmSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_PallCompLrmSrlComSvcDft_Cnt_lgc.value	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	\rightarrow \right
tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc.value tgt_CDDInterface_Per4_DisableCEBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DivingDynSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTThermalSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_FreqDepDmpSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_FreqDepDmpSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_LimitSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MfgDiagInhibit_Cnt_lgc.value tgt_CDDInterface_Per4_MgDiagInhibit_Cnt_lgc.value tgt_CDDInterface_Per4_ModldxSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MitrParmNrmLrnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MitlgnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MitlgnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_PallCompLrmSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_PallCompLrmSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_PallCompLrmSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_PallCompLrmSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_PallCompLrmSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_PallCompLrmSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_PallCompLrmSrlComSvcDft_Cnt_lgc.value	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc.value tgt_CDDInterface_Per4_DisableCEBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTThermalSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_FreqDepDmpSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_FricLrnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HysAddSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HysCompSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HintDiagSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_LimitSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MfgDiagInhibit_Cnt_lgc.value tgt_CDDInterface_Per4_MfgDiagInhibit_Cnt_lgc.value tgt_CDDInterface_Per4_ModldxSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MitlparmNrmLrnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MitlgnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MitlgnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_PallCompLrmSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_PallCompLrmSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_PallCompLrmSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_PallCompLrmSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_PallCompLrmSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_PallCompLrmSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_PallCompLrmSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_PallCompSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_PallCompSrlComSvcDft_Cnt_lgc.value	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc.value tgt_CDDInterface_Per4_DisableCEBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DivingDynSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTThermalSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTThermalSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_FreqDepDmpSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_FreqDepDmpSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HysAddSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_LimitSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MfDiagInhibit_Cnt_lgc.value tgt_CDDInterface_Per4_MfDiagInhibit_Cnt_lgc.value tgt_CDDInterface_Per4_MfdDiagInhibit_Cnt_lgc.value tgt_CDDInterface_Per4_MfdldxSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MftParmNrmLrmSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MftVelNrmLrmSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_PallCompLrmSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_PallCompLrmSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_PallCompLrmSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_PallCompLrmSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ReturnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ReturnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_SftEndStpSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_SftEndStpSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_SftEndStpSrlComSvcDft_Cnt_lgc.value	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc.value tgt_CDDInterface_Per4_DisableCEBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTThermalSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_FreqDepDmpSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_FricLrnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HysAddSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HysCompSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HintDiagSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_LimitSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MfgDiagInhibit_Cnt_lgc.value tgt_CDDInterface_Per4_MfgDiagInhibit_Cnt_lgc.value tgt_CDDInterface_Per4_ModldxSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MitlparmNrmLrnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MitlgnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MitlgnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_PallCompLrmSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_PallCompLrmSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_PallCompLrmSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_PallCompLrmSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_PallCompLrmSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_PallCompLrmSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_PallCompLrmSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_PallCompSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_PallCompSrlComSvcDft_Cnt_lgc.value	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc.value tgt_CDDInterface_Per4_DisableCEBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTThermalSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTThermalSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_FreqDepDmpSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HysAddSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HintDiagSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MintDiagSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MigDiagInhibit_Cnt_lgc.value tgt_CDDInterface_Per4_MigDiagInhibit_Cnt_lgc.value tgt_CDDInterface_Per4_MidltgnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MittlgnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MittlgnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_PallCompLrnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_PallCompLrnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_PallCompLrnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ReturnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ReturnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ReturnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_SftEndStpSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_SftEndStpSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_SftEndStpSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_SftEndStpSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ThermalDCSrlComSvcDft_Cnt_lgc.value	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	\rightarrow \right

Test Step Call Trace						/
A	ctual Function	Count	Expected Function	Count	Resu	lt
*	none*	0	*** No Call Expected ***	0		~



Test Step 3.5 (Repeat Count = 1)			✓
Name	Input Value		
CDD_BallNutTempEstDisableSvc_Cnt_G_lgc	0		
CDD_DftAsstTbl_Cnt_G_lgc	0		
CDD_DisableCEBusNormComm_Cnt_lgc	0		
CDD_DisableHSBusNormComm_Cnt_lgc CDD_DwnldAsstGain_Uls_G_f32	0		
CDD_EOLNxtrWIRSelect_Cnt_G_u16	42402		
CDD_EOLSrlComSvcDft_Cnt_G_b32	2048		
CDD_GenPosTrajEnableFlag_Cnt_G_lgc	0		
CDD_PullCompDisableSvc_Cnt_G_lgc	0		
CDD_PwrAsstModeSvc_Cnt_G_lgc	0		
CDD_SftEndStpDisableSvc_Cnt_G_lgc	0		
CDD_WIRDisableSvc_Cnt_G_lgc MfgDiagInhibit_Uls_G_lgc	0		
Nvm_CMEC_Cnt_u8	0		
NxtrMEC_UIs_G_enum	0		
PrevMtrElecMechPolarity_Cnt_M_s08	-1		
Rte_Inst_Sa_CDDInterface	tgt_Rte_Inst_Sa_CDDInterface		
tgt_CDDInterface_Per4_MtrElecMechPolarity_Cnt_s08.value	-1		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_BallNutTempEstSrlComSvcDft_	tgt_CDDInterface_Per4_BallNutTempEstSrIC		
tgt Rte Inst Sa CDDInterface.CDDInterface Per4 DampingSrlComSvcDft Cnt lgr tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DftAsstTbl_Cnt_lgc	tgt_CDDInterface_Per4_DampingSrlComSvc tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc	Dit_Crit_ige	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DisableCEBusNormComm_Cnt		Comm Cnt Igc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DisableHSBusNormComm_Cnt			
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_DrivingDynSrlComSvcDft_DrivingDynSrlComSvcD$	tgt_CDDInterface_Per4_DrivingDynSrlComS	vcDft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DwnldAsstGain_Uls_f32	tgt_CDDInterface_Per4_DwnldAsstGain_Uls	_f32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_	tgt_CDDInterface_Per4_EOTImpactSrlComS		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_EOTThermalSrlComSvcDft_Cn	tgt_CDDInterface_Per4_EOTThermalSrlCom		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_EngOppDmpSrlComSvcDft_Cr	tgt_CDDInterface_Per4_EngONSrlComSvcD tgt_CDDInterface_Per4_FreqDepDmpSrlCom		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_FricLrnSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_FricLrnSrlComSvcDf		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_HysAddSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_HysAddSrlComSvcD		
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_Inst_DDInterface_Per4_HystCompSrlComSvcDft_Cnt_Inst_DDInterface_Per4_HystCompSrlComSvcDft_Cnt_Inst_DDInterface_Per4_HystCompSrlComSvcDft_Cnt_Inst_DDInterface_Per4_HystCompSrlComSvcDft_Cnt_Inst_DDInterface_Per4_HystCompSrlComSvcDft_Cnt_Inst_DDInterface_Per4_HystCompSrlComSvcDft_Cnt_Inst_DDInterface_Per4_HystCompSrlComSvcDft_Cnt_Inst_DDInterface_Per4_HystCompSrlComSvcDft_Cnt_Inst_DDInterface_Per4_HystCompSrlComSvcDft_Cnt_Inst_DDInterface_Per4_HystCompSrlComSvcDft_Cnt_Inst_DDInterface_Per4_HystCompSrlComSvcDft_DDInterface_Per4_HystCompSrlComSvcDft_DDInterface_Per4_HystCompSrlComSvcDft_DDInterface_Per4_HystCompSrlComSvcDft_DDInterface_Per4_HystCompSrlComSvcDft_DDInterface_Per4_HystCompSrlComSvcDft_DDInterface_Per4_HystCompSrlComSvcDft_DDInterface_Per4_HystCompSrlComSvcDft_DDInterface_Per4_HystCompSrlComSvcDft_DDInterface_Per4_HystCompSrlComSvcDft_DDInterface_Per4_HystCompSrlComSvcDft_DDInterface_Per4_HystCompSrlComSvcDft_DDInterface_Per4_HystCompSrlComSvcDft_DDInterface_Per4_HystCompSrlComSvcDft_DDInterface_Per4_HystCompSrlComSvcDft_DDInterfa$	tgt_CDDInterface_Per4_HystCompSrlComSv	cDft_Cnt_lgc	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_KinIntDiagSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_KinIntDiagSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_KinIntDiagSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_KinIntDiagSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_KinIntDiagSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_KinIntDiagSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_KinIntDiagSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_KinIntDiagSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_KinIntDiagSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_KinIntDiagSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_KinIntDiagSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_KinIntDiagSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_KinIntDiagSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_KinIntDiagSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_KinIntDiagSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_KinIntDiagSrlComSvcDinterface_Per4_KinIntDiagSr$	tgt_CDDInterface_Per4_KinIntDiagSrlComSv	cDft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_LimitSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_LimitSrlComSvcDft_Cnt_lgc		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MEC_Cnt_enum	tgt_CDDInterface_Per4_MEC_Cnt_enum	la a	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MfgDiagInhibit_Cnt_lgc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ModIdxSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_MfgDiagInhibit_Cnt_ tgt_CDDInterface_Per4_ModIdxSrlComSvcD	-	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MtrElecMechPolarity_Cnt_s08	tgt_CDDInterface_Per4_MtrElecMechPolarity		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MtrParmNrmLrnSrlComSvcDft_	tgt_CDDInterface_Per4_MtrParmNrmLrnSrlC		
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MtrVelNrmLrnSrlComSvcDft_Co$	tgt_CDDInterface_Per4_MtrVelNrmLrnSrlCor	mSvcDft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MultIgnSrlComSvcDft_Cnt_Igc	tgt_CDDInterface_Per4_MultIgnSrlComSvcD		
	tgt_CDDInterface_Per4_ParkAstSrlComSvcD		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_PosTrajEnable_Cnt_Igc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_PullCompLrnSrlComSvcDft_Cn	tgt_CDDInterface_Per4_PosTrajEnable_Cnt_	•	
tgt Rte Inst Sa CDDInterface.CDDInterface Per4 PullCompSrlComSvcDft Cnt lg			
tgt Rte Inst Sa CDDInterface.CDDInterface Per4 ReturnSrlComSvcDft Cnt lgc	tgt CDDInterface Per4 ReturnSrlComSvcDf		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_RxMsgsSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_RxMsgsSrlComSvcI	Oft_Cnt_lgc	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_SftEndStpSrlComSvcDft_Cnt_learner for the complex content of the $	tgt_CDDInterface_Per4_SftEndStpSrlComSv	cDft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_SrlComSvcDft_Cnt_b32	tgt_CDDInterface_Per4_SrlComSvcDft_Cnt_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ThermalDCSrlComSvcDft_Cnt_			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_TrqRmpSrlComSvcDft_Cnt_Igc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_WIRMfgEnabled_Cnt_Igc	tgt_CDDInterface_Per4_TrqRmpSrlComSvcE tgt_CDDInterface_Per4_WIRMfgEnabled_Cn		
Name	Actual Value	Expected Value	Result
CDD_ModldxSrlComSvcDft_Cnt_G_u16	0	0	Nesuit
PrevMtrElecMechPolarity Cnt M s08	-1	-1	•
tgt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_DisableCEBusNormComm_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DwnldAsstGain_Uls_f32.value	0	0 ± 0.000009	J
tgt_CDDInterface_Per4_DWilidAsstGalin_Dis_i32.value tgt_CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_lgc.value	0	0 ± 0.000009	-
tgt_CDDInterface_Per4_EOTThermalSrlComSvcDft_Cnt_lgc.value	0	0	
tgt_CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc.value	0	0	✓
$tgt_CDDInterface_Per4_FreqDepDmpSrlComSvcDft_Cnt_lgc.value$	0	0	~
tgt_CDDInterface_Per4_FricLrnSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_HysAddSrlComSvcDft_Cnt_lgc.value	0	0	V
tgt_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_lgc.value	0	0	





Name	Actual Value	Expected Value	Result
tgt_CDDInterface_Per4_KinIntDiagSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_LimitSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_MEC_Cnt_enum.value	0	0	~
tgt_CDDInterface_Per4_MfgDiagInhibit_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_ModIdxSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_MtrParmNrmLrnSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_MtrVelNrmLrnSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_MultIgnSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_PosTrajEnable_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_PullCompLrnSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_PullCompSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_ReturnSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_RxMsgsSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_SftEndStpSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_SrlComSvcDft_Cnt_b32.value	2048	2048	~
tgt_CDDInterface_Per4_ThermalDCSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_TrqRmpSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_WIRMfgEnabled_Cnt_lgc.value	0	0	~

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
none	0	*** No Call Expected ***	0	~

Test Step 3.6 (Repeat Count = 1)	✓ ·
Name	Input Value
CDD BallNutTempEstDisableSvc Cnt G lgc	0
CDD DftAsstTbl Cnt G lgc	0
CDD_DisableCEBusNormComm_Cnt_lgc	0
CDD_DisableHSBusNormComm_Cnt_lgc	0
CDD_DwnldAsstGain_Uls_G_f32	0
CDD_EOLNxtrWIRSelect_Cnt_G_u16	42402
CDD_EOLSrlComSvcDft_Cnt_G_b32	1048576
CDD_GenPosTrajEnableFlag_Cnt_G_lgc	0
CDD_PullCompDisableSvc_Cnt_G_lgc	0
CDD_PwrAsstModeSvc_Cnt_G_lgc	0
CDD_SftEndStpDisableSvc_Cnt_G_lgc	0
CDD_WIRDisableSvc_Cnt_G_lgc	1
MfgDiagInhibit_Uls_G_lgc	0
Nvm_CMEC_Cnt_u8	0
NxtrMEC_UIs_G_enum	0
PrevMtrElecMechPolarity_Cnt_M_s08	-1
Rte_Inst_Sa_CDDInterface	tgt_Rte_Inst_Sa_CDDInterface
tgt_CDDInterface_Per4_MtrElecMechPolarity_Cnt_s08.value	-1
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Starter = Starter = $	tgt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_lgc
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgenerate and the property of the pro$	tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DftAsstTbl_Cnt_lgc	tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc
tgt Rte Inst Sa CDDInterface.CDDInterface Per4 DisableCEBusNormComm Cnt	tgt_CDDInterface_Per4_DisableCEBusNormComm_Cnt_lgc
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DisableHSBusNormComm_CntDInterface_Pe$	tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface.CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface.CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface.CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface.CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface.CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface.CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface.CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface.CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface.CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface.CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface.CD$	tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DwnldAsstGain_Uls_f32	tgt_CDDInterface_Per4_DwnldAsstGain_UIs_f32
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_Inst_SrlComSv$	tgt_CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_lgc
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_EOTThermalSrlComSvcDft_Cnressions and the state of the state$	tgt_CDDInterface_Per4_EOTThermalSrlComSvcDft_Cnt_lgc
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc$	tgt_CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_FreqDepDmpSrlComSvcDft_Crresults and the property of the prop$	tgt_CDDInterface_Per4_FreqDepDmpSrlComSvcDft_Cnt_lgc
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_FricLrnSrlComSvcDft_Cnt_lgc$	tgt_CDDInterface_Per4_FricLrnSrlComSvcDft_Cnt_lgc
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_HysAddSrlComSvcDft_Cnt_lgc$	tgt_CDDInterface_Per4_HysAddSrlComSvcDft_Cnt_lgc
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_Inst_Sa_CDDInterface.CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_Inst_Sa_CDDInterface.CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_Inst_Sa_CDDInterface.CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_Inst_Sa_CDDInterface.CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_Inst_Sa_CDDInterface.CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_Inst_Sa_CDDInterface.CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_Inst_Sa_CDDInterface.CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_Inst_Sa_CDDInterface.CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_Inst_Sa_CDDInterface.CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_Inst_Sa_CDDInterface.CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_Inst_Sa_CDDInterface.CDDInterfac$	tgt_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_lgc
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_KinIntDiagSrlComSvcDft_Cnt_leadingsrlComSvcDft_Cnt_le$	tgt_CDDInterface_Per4_KinIntDiagSrlComSvcDft_Cnt_lgc
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_LimitSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_LimitSrlComSvcDft_Cnt_lgc
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MEC_Cnt_enum	tgt_CDDInterface_Per4_MEC_Cnt_enum
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MfgDiagInhibit_Cnt_Igc	tgt_CDDInterface_Per4_MfgDiagInhibit_Cnt_lgc
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ModIdxSrlComSvcDft_Cnt_lgc$	tgt_CDDInterface_Per4_ModIdxSrlComSvcDft_Cnt_lgc
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MtrElecMechPolarity_Cnt_s08$	tgt_CDDInterface_Per4_MtrElecMechPolarity_Cnt_s08
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MtrParmNrmLrnSrlComSvcDft_	
tgt Rte Inst Sa CDDInterface.CDDInterface Per4 MtrVelNrmLrnSrlComSvcDft C	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MultIgnSrlComSvcDft_Cnt_Igc	tgt_CDDInterface_Per4_MultIgnSrlComSvcDft_Cnt_Igc
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_PosTrajEnable_Cnt_lgc	tgt_CDDInterface_Per4_PosTrajEnable_Cnt_lgc
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_PullCompLrnSrlComSvcDft_Cn	tgt_CDDInterface_Per4_PullCompLrnSrlComSvcDft_Cnt_lgc





Name	Input Value		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_PullCompSrlComSvcDft_Cnt_lg	tgt_CDDInterface_Per4_PullCompSrlComSv	cDft_Cnt_lgc	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ReturnSrlComSvcDft_Cnt_lgc$	tgt_CDDInterface_Per4_ReturnSrlComSvcDf	t_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_RxMsgsSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_RxMsgsSrlComSvcI	Dft_Cnt_lgc	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_SftEndStpSrlComSvcDft_Cnt_IqUID and StpSrlComSvcDft_Cnt_IqUID and StpSrlComSv$	tgt_CDDInterface_Per4_SftEndStpSrlComSv	cDft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_SrlComSvcDft_Cnt_b32	tgt_CDDInterface_Per4_SrlComSvcDft_Cnt_	b32	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ThermalDCSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_ThermalDCSrlComSvcDft_Cnt_ThermalDCSrlComSvcDft_Cnt_ThermalDCSrlComSvcDft_Cnt_ThermalDCSrlComSvcDft_Cnt_ThermalDCSrlComSvcDft_Cnt_ThermalDCSrlComSvcDft_Cnt_ThermalDCSrlComSvcDft_Cnt_ThermalDCSrlComSvcDft_Cnt_ThermalDCSrlComSvcDft_Cnt_ThermalDCSrlComSvcDft_Cnt_ThermalDCSrlComSvcDft_Cnt_ThermalDCSrlComSvcDft_Cnt_ThermalDCSrlComSvcDft_Cnt_ThermalDCSrlComSvcDft_Cnt_ThermalDCSrlComSvcDft_Cnt_ThermalDCSrlComSvcDft_Cnt_ThermalDCSrlComSvcDft$	tgt_CDDInterface_Per4_ThermalDCSrlComS	vcDft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_TrqRmpSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_TrqRmpSrlComSvcI	Dft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_WIRMfgEnabled_Cnt_lgc	tgt_CDDInterface_Per4_WIRMfgEnabled_Cn	ıt_lgc	
Name	Actual Value	Expected Value	Result
CDD_ModIdxSrlComSvcDft_Cnt_G_u16	0	0	~
PrevMtrElecMechPolarity_Cnt_M_s08	-1	-1	~
tgt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_DisableCEBusNormComm_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_DwnldAsstGain_Uls_f32.value	0	0 ± 0.000009	•
tgt_CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_EOTThermalSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_FricLrnSrlComSvcDft_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_HysAddSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_KinIntDiagSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_LimitSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_MEC_Cnt_enum.value	0	0	~
tgt_CDDInterface_Per4_MfgDiagInhibit_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_ModIdxSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_MtrParmNrmLrnSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_MtrVelNrmLrnSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_MultIgnSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_PosTrajEnable_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_PullCompLrnSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_PullCompSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_ReturnSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_RxMsgsSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_SftEndStpSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_SrlComSvcDft_Cnt_b32.value	1048576	1048576	~
tgt_CDDInterface_Per4_ThermalDCSrlComSvcDft_Cnt_lgc.value	0	0	-
tgt_CDDInterface_Per4_TrqRmpSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_WIRMfgEnabled_Cnt_lgc.value	0	0	~

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
none	0	*** No Call Expected ***	0	_

Test Step 3.7 (Repeat Count = 1)	√
Name	Input Value
CDD_BallNutTempEstDisableSvc_Cnt_G_lgc	0
CDD_DftAsstTbl_Cnt_G_lgc	0
CDD_DisableCEBusNormComm_Cnt_lgc	0
CDD_DisableHSBusNormComm_Cnt_lgc	0
CDD_DwnldAsstGain_Uls_G_f32	0
CDD_EOLNxtrWIRSelect_Cnt_G_u16	42402
CDD_EOLSrlComSvcDft_Cnt_G_b32	65536
CDD_GenPosTrajEnableFlag_Cnt_G_lgc	0
CDD_PullCompDisableSvc_Cnt_G_lgc	0
CDD_PwrAsstModeSvc_Cnt_G_lgc	0
CDD_SftEndStpDisableSvc_Cnt_G_lgc	0
CDD_WIRDisableSvc_Cnt_G_lgc	1
MfgDiagInhibit_Uls_G_lgc	0
Nvm_CMEC_Cnt_u8	0
NxtrMEC_UIs_G_enum	0
PrevMtrElecMechPolarity_Cnt_M_s08	-1
Rte_Inst_Sa_CDDInterface	tgt_Rte_Inst_Sa_CDDInterface
tgt_CDDInterface_Per4_MtrElecMechPolarity_Cnt_s08.value	-1
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Inst_Sa_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Inst_Sa_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Inst_Sa_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Inst_Sa_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Inst_Sa_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Inst_Sa_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Inst_Sa_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Inst_Sa_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Inst_Sa_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Inst_Sa_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Inst_Sa_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Inst_Sa_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Inst_Sa_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Inst_Sa_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Inst_Sa_CDDInterface_Per4_BallNutTempEstSrlComSvcDinterface_Per5$	tgt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_lgc

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Name	Input Value		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgr	·	Off Cnt lac	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DftAsstTbl_Cnt_lgc	tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc	zoigo	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DisableCEBusNormComm_Cnt		Comm Cnt lac	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DisableHSBusNormComm_Cnt			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_	tgt_CDDInterface_Per4_DrivingDynSrlComSv		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DwnldAsstGain_Uls_f32	tgt_CDDInterface_Per4_DwnldAsstGain_Uls_		
tgt Rte Inst Sa CDDInterface.CDDInterface Per4 EOTImpactSrlComSvcDft Cnt	tgt_CDDInterface_Per4_EOTImpactSrlComS		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_EOTThermalSrlComSvcDft_Cn	tgt_CDDInterface_Per4_EOTThermalSrlCom	-	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_EngONSrlComSvcD	ft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_FreqDepDmpSrlComSvcDft_Cr	tgt_CDDInterface_Per4_FreqDepDmpSrlCom	nSvcDft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_FricLrnSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_FricLrnSrlComSvcDf	t_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_HysAddSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_HysAddSrlComSvcD	ft_Cnt_lgc	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_Inst_Sa_CDDInterface.CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_Inst_Sa_CDDInterface.CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_Inst_Sa_CDDInterface.CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_Inst_Sa_CDDInterface.CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_Inst_Sa_CDDInterface.CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_Inst_Sa_CDDInterface.CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_Inst_Sa_CDDInterface.CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_Inst_Sa_CDDInterface.CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_Inst_Sa_CDDInterface.CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_Inst_Sa_CDDInterface.CDDInterfa$	tgt_CDDInterface_Per4_HystCompSrlComSv	cDft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_KinIntDiagSrlComSvcDft_Cnt_lg	tgt_CDDInterface_Per4_KinIntDiagSrlComSv	cDft_Cnt_lgc	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_LimitSrlComSvcDft_Cnt_lgc$	tgt_CDDInterface_Per4_LimitSrlComSvcDft_0	Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MEC_Cnt_enum	tgt_CDDInterface_Per4_MEC_Cnt_enum		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MfgDiagInhibit_Cnt_Igc	tgt_CDDInterface_Per4_MfgDiagInhibit_Cnt_	lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ModidxSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_ModIdxSrlComSvcD	ft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MtrElecMechPolarity_Cnt_s08	tgt_CDDInterface_Per4_MtrElecMechPolarity		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MtrParmNrmLrnSrlComSvcDft_	tgt_CDDInterface_Per4_MtrParmNrmLrnSrlC		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MtrVelNrmLrnSrlComSvcDft_Ci			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MultIgnSrIComSvcDft_Cnt_Igc	tgt_CDDInterface_Per4_MultIgnSrlComSvcDi		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_ParkAstSrlComSvcD		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_PosTrajEnable_Cnt_Igc	tgt_CDDInterface_Per4_PosTrajEnable_Cnt_	•	
tgt Rte Inst Sa CDDInterface.CDDInterface Per4 PullCompLrnSrlComSvcDft Cn	v ·		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_PullCompSrlComSvcDft_Cnt_lg			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ReturnSrlComSvcDft_Cnt_lgc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_RxMsgsSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_ReturnSrlComSvcDf tgt_CDDInterface_Per4_RxMsgsSrlComSvcD		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_SftEndStpSrlComSvcDft_Cnt_k		,	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_SrlComSvcDft_Cnt_b32	tgt_CDDInterface_Per4_SrlComSvcDft_Cnt_I		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ThermalDCSrlComSvcDft_Cnt_			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_TrqRmpSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_TrqRmpSrlComSvcD		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_WIRMfgEnabled_Cnt_lgc	tgt_CDDInterface_Per4_WIRMfgEnabled_Cn		
Name	Actual Value	Expected Value	Result
CDD_ModldxSrlComSvcDft_Cnt_G_u16	0	0	~
PrevMtrElecMechPolarity_Cnt_M_s08	-1	-1	~
tgt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_lgc.value	0	0	~
$tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc.value$	0	0	~
tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_DisableCEBusNormComm_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DwnldAsstGain_Uls_f32.value	0	0 ± 0.000009	~
tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DwnldAsstGain_Uls_f32.value tgt_CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_lgc.value	0	0 ± 0.000009 0	
tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DwnldAsstGain_Uls_f32.value tgt_CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTThermalSrlComSvcDft_Cnt_lgc.value	0 0 0	0 ± 0.000009 0 0	~
tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DwnldAsstGain_Uls_f32.value tgt_CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTThermalSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc.value	0 0 0 0	0 ± 0.000009 0 0 0	~
tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DwnldAsstGain_Uls_f32.value tgt_CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTThermalSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	0 0 0 0	0 ± 0.000009 0 0 0 0 0	~
tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DwnldAsstGain_Uls_f32.value tgt_CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTThermalSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_FreqDepDmpSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_FreqDepDmpSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_FricLrnSrlComSvcDft_Cnt_lgc.value	0 0 0 0 0 0	0 ± 0.000009 0 0 0 0 0 0	~
tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DwnldAsstGain_Uls_f32.value tgt_CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTThermalSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_FreqDepDmpSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_FricLrnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_FricLrnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HysAddSrlComSvcDft_Cnt_lgc.value	0 0 0 0 0 0	0 ± 0.000009 0 0 0 0 0 0 0	~
tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DwnldAsstGain_Uls_f32.value tgt_CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTThermalSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_FreqDepDmpSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_Frict_rnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HysAddSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HysAddSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_lgc.value	0 0 0 0 0 0	0 ± 0.000009 0 0 0 0 0 0	~
tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DwnldAsstGain_Uls_f32.value tgt_CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTThermalSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_FreqDepDmpSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_FricLrnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HysAddSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HysCompSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_KinIntDiagSrlComSvcDft_Cnt_lgc.value	0 0 0 0 0 0 0	0 ± 0.000009 0 0 0 0 0 0 0 0	~
tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DwnldAsstGain_Uls_f32.value tgt_CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTThermalSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_FreqDepDmpSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_Frict_rnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HysAddSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HysAddSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_lgc.value	0 0 0 0 0 0 0 0	0 ± 0.000009 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	~
tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DwnldAsstGain_Uls_f32.value tgt_CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTThermalSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_FreqDepDmpSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_Frict_nSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HysAddSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_KinIntDiagSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_LimitSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_LimitSrlComSvcDft_Cnt_lgc.value	0 0 0 0 0 0 0 0 0	0 ± 0.000009 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	~
tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DwnldAsstGain_Uls_f32.value tgt_CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTThermalSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_FreqDepDmpSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_Frict_nSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HysAddSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_KinIntDiagSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_LimitSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_LimitSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_LimitSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MEC_Cnt_enum.value	0 0 0 0 0 0 0 0 0	0 ± 0.000009 0 0 0 0 0 0 0 0 0 0 0	~
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tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DwnldAsstGain_Uls_f32.value tgt_CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTThermalSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_FreqDepDmpSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_FricLmSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HysAddSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_KinlntDiagSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_LimitSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MfgDiagInhibit_Cnt_lgc.value tgt_CDDInterface_Per4_MfgDiagInhibit_Cnt_lgc.value tgt_CDDInterface_Per4_MfdDiagInhibit_Cnt_lgc.value tgt_CDDInterface_Per4_MftrParmNrmLrnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MftrParmNrmLrnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MitlgnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_PosTrajEnable_Cnt_lgc.value tgt_CDDInterface_Per4_PallCompLrnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_PallCompLrnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_PallCompLrnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_PallCompLrnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_PallCompLrnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ReturnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ReturnSrlComSvcDft_Cnt_lgc.value	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 ± 0.000009 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	· · · · · · · · · · · · · · · · · · ·
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tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DwnldAsstGain_Uls_f32.value tgt_CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTThermalSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_FreqDepDmpSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HysAddSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_LimitSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MErC_Cnt_enum.value tgt_CDDInterface_Per4_MErDiagInhibit_Cnt_lgc.value tgt_CDDInterface_Per4_ModldxSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ModldxSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MtrVellrmLrnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MtrVellrmLrnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MtrVellrmLrnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_PallCompLrnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ReturnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ReturnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ReturnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ReturnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_SftEndStpSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_SftEndStpSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_SftEndStpSrlComSvcDft_Cnt_lgc.value	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 ± 0.000009 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	· · · · · · · · · · · · · · · · · · ·
tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DwnldAsstGain_Uls_f32.value tgt_CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTThermalSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_FreqDepDmpSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HysAddSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_LimitSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MErC_Cnt_enum.value tgt_CDDInterface_Per4_MErDiagInhibit_Cnt_lgc.value tgt_CDDInterface_Per4_ModldxSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ModldxSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MtrParmNrmLrnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MtrParmNrmLrnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_PosTrajEnable_Cnt_lgc.value tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_PallCompLrnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_PallCompLrnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_PallCompLrnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ReturnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ReturnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ReturnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ReturnSrlComSvcDft_Cnt_lgc.value	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 ± 0.000009 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	· · · · · · · · · · · · · · · · · · ·
tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTThermalSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTThermalSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_FreqDepDmpSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_FricLrnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HysAddSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_KinIntDiagSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MintDriagSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MintDriagSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MintDriagSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MintDriagSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MintDriagSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MintDriagSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MintDriagSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MintlgnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_PullCompLrnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ReturnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ReturnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ReturnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ReturnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_SftEndStpSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_SftEndStpSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_SftEndStpSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_SftEndStpSrlComSvcDft_Cnt_lgc.value	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 ± 0.000009 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	· · · · · · · · · · · · · · · · · · ·



Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
none	0	*** No Call Expected ***	0	~

Test Step 3.8 (Repeat Count = 1)			- A
Name	Input Value		
CDD BallNutTempEstDisableSvc Cnt G lgc	0		
CDD_DftAsstTbl_Cnt_G_lgc	0		
CDD_DisableCEBusNormComm_Cnt_lgc	0		
CDD_DisableHSBusNormComm_Cnt_Igc	0		
CDD_DwnldAsstGain_Uls_G_f32	0		
CDD_EOLNxtrWIRSelect_Cnt_G_u16	42402		
CDD_EOLSrlComSvcDft_Cnt_G_b32	131072		
CDD_GenPosTrajEnableFlag_Cnt_G_lgc	0		
CDD_PullCompDisableSvc_Cnt_G_lgc	0		
CDD_PwrAsstModeSvc_Cnt_G_lgc	0		
CDD_SftEndStpDisableSvc_Cnt_G_lgc	0		
CDD_WIRDisableSvc_Cnt_G_lgc	1		
MfgDiagInhibit_UIs_G_lgc	0		
Nvm_CMEC_Cnt_u8 NxtrMEC_Uls_G_enum	0		
PrevMtrElecMechPolarity_Cnt_M_s08	-1		
Rte_Inst_Sa_CDDInterface	tgt_Rte_Inst_Sa_CDDInterface		
tgt_CDDInterface_Per4_MtrElecMechPolarity_Cnt_s08.value	-1		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_BallNutTempEstSrlComSvcDfl		ComSvcDft Cnt lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DampingSrlComSvcDft_Cnt_k			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DftAsstTbl_Cnt_lgc	tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DisableCEBusNormComm_Cr		Comm_Cnt_lgc	
tgt Rte Inst Sa CDDInterface.CDDInterface Per4 DisableHSBusNormComm Cr	tgt_CDDInterface_Per4_DisableHSBusNorm	Comm_Cnt_lgc	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Cnt_Cnt_Cnt_Cnt_Cnt_Cnt_Cnt_Cnt_Cn$	tgt_CDDInterface_Per4_DrivingDynSrlComS	vcDft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DwnldAsstGain_Uls_f32	tgt_CDDInterface_Per4_DwnldAsstGain_Uls	_f32	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_EOTImpactSrlComSvcDft_Cntractions and the property of the pro$	tgt_CDDInterface_Per4_EOTImpactSrlComS	SvcDft_Cnt_lgc	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_EOTThermalSrlComSvcDft_ComS$	tgt_CDDInterface_Per4_EOTThermalSrlCon	nSvcDft_Cnt_lgc	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgcdiscoms and the property of the complex content of the complex $	tgt_CDDInterface_Per4_EngONSrlComSvcE	Oft_Cnt_lgc	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_FreqDepDmpSrlComSvcDft_ComS$	r tgt_CDDInterface_Per4_FreqDepDmpSrlCor	nSvcDft_Cnt_lgc	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_FricLrnSrlComSvcDft_Cnt_lgcdiscoms and the state of the stat$	tgt_CDDInterface_Per4_FricLrnSrlComSvcD		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_HysAddSrlComSvcDft_Cnt_lgr			
tgt Rte Inst Sa CDDInterface.CDDInterface Per4 HystCompSrlComSvcDft Cnt			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_KinIntDiagSrlComSvcDft_Cnt_			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_LimitSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_LimitSrlComSvcDft_	_Cnt_igc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MEC_Cnt_enum tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MfgDiagInhibit_Cnt_lgc	tgt_CDDInterface_Per4_MEC_Cnt_enum tgt_CDDInterface_Per4_MfgDiagInhibit_Cnt_	lac	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ModidxSrlComSvcDft_Cnt_igc			
tgt Rte Inst Sa CDDInterface.CDDInterface Per4 MtrElecMechPolarity Cnt s08			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MtrParmNrmLrnSrlComSvcDft			
tgt Rte Inst Sa CDDInterface.CDDInterface Per4 MtrVelNrmLrnSrlComSvcDft (
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MultIgnSrlComSvcDft_Cnt_Igo			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgr			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_PosTrajEnable_Cnt_lgc	tgt_CDDInterface_Per4_PosTrajEnable_Cnt_lgc		
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_PullCompLrnSrlComSvcDft_Cappace.CDDInterface_Per4_PullCompLrnSrlComSvcDft_Cappace.CDDInterface_Per4_PullCompLrnSrlComSvcDft_Cappace.CDDInterface_Per4_PullCompLrnSrlComSvcDft_Cappace.CDDInterface_Per4_PullCompLrnSrlComSvcDft_Cappace.CDDInterface_Per4_PullCompLrnSrlComSvcDft_Cappace.CDDInterface_Per4_PullCompLrnSrlComSvcDft_Cappace.CDDInterface_Per4_PullCompLrnSrlComSvcDft_Cappace.CDDInterface_Per4_PullCompLrnSrlComSvcDft_Cappace.CDDInterface_Per4_PullCompLrnSrlComSvcDft_Cappace.CDDInterface_Per4_PullCompLrnSrlComSvcDft_Cappace.CDDInterface_Per4_PullCompLrnSrlComSvcDft_Cappace.CDDInterface_Per4_PullCompLrnSrlComSvcDft_Cappace.CDDInterface_Per4_PullCompLrnSrlComSvcDft_Cappace.CDDInterface_Per4_PullCompLrnSrlComSvcDft_Cappace.CDDInterface_Per4_PullCompLrnSrlComSvcDft_Cappace.CDDInterface_Per4_PullCompLrnSrlComSvcDft_Cappace.CDDInterface.CDDInterface_Per4_PullCompLrnSrlComSvcDft_Cappace.CDDInterfa$			
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_PullCompSrlComSvcDft_Cnt_Inst_Sa_CDDInterface.CDDInterface_Per4_PullCompSrlComSvcDft_Cnt_Inst_Sa_CDDInterface.CDDInterface_Per4_PullCompSrlComSvcDft_Cnt_Inst_Sa_CDDInterface.CDDInterface_Per4_PullCompSrlComSvcDft_Cnt_Inst_Sa_CDDInterface.CDDInterface_Per4_PullCompSrlComSvcDft_Cnt_Inst_Sa_CDDInterface.CDDInterface_Per4_PullCompSrlComSvcDft_Cnt_Inst_Sa_CDDInterface.CDDInterface_Per4_PullCompSrlComSvcDft_Cnt_Inst_Sa_CDDInterface.CDDInterface_Per4_PullCompSrlComSvcDft_Cnt_Inst_Sa_CDDInterface.CDDInterface_Per4_PullCompSrlComSvcDft_Cnt_Inst_Sa_CDDInterface.CDDInterface_Per4_PullCompSrlComSvcDft_Cnt_Inst_Sa_CDDInterface.CDDInterfa$	g tgt_CDDInterface_Per4_PullCompSrlComSv	cDft_Cnt_lgc	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ReturnSrlComSvcDft_Cnt_lgc$			
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_RxMsgsSrlComSvcDft_Cnt_lgstarter(Starter) = 0.0000000000000000000000000000000000$			
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_SftEndStpSrlComSvcDft_Cnt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_SftEndStpSrlComSvcDft_Cnt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_SftEndStpSrlComSvcDft_Cnt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_SftEndStpSrlComSvcDft_Cnt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_SftEndStpSrlComSvcDft_Cnt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_SftEndStpSrlComSvcDft_Cnt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_SftEndStpSrlComSvcDft_Cnt_Rte_Inst_Sa_CDDInterface.CDDInterfac$	tgt_CDDInterface_Per4_SftEndStpSrlComSvcDft_Cnt_lgc		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_SrlComSvcDft_Cnt_b32	tgt_CDDInterface_Per4_SrlComSvcDft_Cnt_b32		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ThermalDCSrlComSvcDft_Cnt			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_TrqRmpSrlComSvcDft_Cnt_lg			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_WIRMfgEnabled_Cnt_lgc	tgt_CDDInterface_Per4_WIRMfgEnabled_Ci		
Name	Actual Value	Expected Value	Result
CDD_ModIdxSrlComSvcDft_Cnt_G_u16	0	0	•
PrevMtrElecMechPolarity_Cnt_M_s08	-1	-1	•
tgt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_lgc.value	0	0	
tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc.value	1 0	1	
tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc.value	0	0	
tgt_CDDInterface_Per4_DisableCEBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc.value	0	0	
tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc.value	0	0	
tgt_CDDInterface_Per4_DwnIdAsstGain_Uls_f32.value	0	0 ± 0.000009	
tgt_CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_lgc.value	0	0	
tgt_CDDInterface_Per4_EOTThermalSrlComSvcDft_Cnt_lgc.value	0	0	

2015-02-18, 15:45:12+0530





Name	Actual Value	Expected Value	Result
tgt_CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc.value	0	0	✓
tgt_CDDInterface_Per4_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_FricLrnSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_HysAddSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_lgc.value	0	0	✓
tgt_CDDInterface_Per4_KinIntDiagSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_LimitSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_MEC_Cnt_enum.value	0	0	~
tgt_CDDInterface_Per4_MfgDiagInhibit_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_ModIdxSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_MtrParmNrmLrnSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_MtrVelNrmLrnSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_MultIgnSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_PosTrajEnable_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_PullCompLrnSrlComSvcDft_Cnt_lgc.value	0	0	✓
tgt_CDDInterface_Per4_PullCompSrlComSvcDft_Cnt_lgc.value	0	0	✓
tgt_CDDInterface_Per4_ReturnSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_RxMsgsSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_SftEndStpSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_SrlComSvcDft_Cnt_b32.value	131072	131072	✓
tgt_CDDInterface_Per4_ThermalDCSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_TrqRmpSrlComSvcDft_Cnt_lgc.value	0	0	✓
tgt_CDDInterface_Per4_WIRMfgEnabled_Cnt_lgc.value	0	0	✓

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
none	0	*** No Call Expected ***	0	•

Test Step 3.9 (Repeat Count = 1)	
Name	Input Value
CDD_BallNutTempEstDisableSvc_Cnt_G_lgc	0
CDD DftAsstTbl Cnt G lgc	0
CDD DisableCEBusNormComm Cnt lgc	0
CDD DisableHSBusNormComm Cnt lgc	0
CDD DwnldAsstGain Uls G f32	0
CDD EOLNxtrWIRSelect Cnt G u16	42402
CDD EOLSrlComSvcDft Cnt G b32	262144
CDD GenPosTrajEnableFlag Cnt G lgc	0
CDD PullCompDisableSvc Cnt G lgc	0
CDD_PwrAsstModeSvc_Cnt_G_lgc	0
CDD_SftEndStpDisableSvc_Cnt_G_lgc	0
CDD_WIRDisableSvc_Cnt_G_lgc	1
MfgDiagInhibit_Uls_G_lgc	0
Nvm_CMEC_Cnt_u8	0
NxtrMEC_UIs_G_enum	0
PrevMtrElecMechPolarity_Cnt_M_s08	-1
Rte_Inst_Sa_CDDInterface	tgt_Rte_Inst_Sa_CDDInterface
tgt_CDDInterface_Per4_MtrElecMechPolarity_Cnt_s08.value	-1
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Started and the complex of the comp$	tgt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_lgc
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgrams and the state of the state of$	tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DftAsstTbl_Cnt_lgc	tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DisableCEBusNormComm_Cnterface_Per4_DisableCEBusNormC$	tgt_CDDInterface_Per4_DisableCEBusNormComm_Cnt_lgc
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DisableHSBusNormComm_Cnt	tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface.CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface.CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface.CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface.CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface.CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_DrivingDynSrlComSvcDft_DrivingDynSrl$	tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DwnldAsstGain_Uls_f32	tgt_CDDInterface_Per4_DwnldAsstGain_Uls_f32
tgt Rte Inst Sa CDDInterface.CDDInterface Per4 EOTImpactSrlComSvcDft Cnt	tgt_CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_lgc
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_EOTThermalSrlComSvcDft_CndInt$	tgt_CDDInterface_Per4_EOTThermalSrlComSvcDft_Cnt_lgc
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc$	tgt_CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_FreqDepDmpSrlComSvcDft_Crresults and the control of the contro$	tgt_CDDInterface_Per4_FreqDepDmpSrlComSvcDft_Cnt_lgc
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_FricLrnSrlComSvcDft_Cnt_lgc$	tgt_CDDInterface_Per4_FricLrnSrlComSvcDft_Cnt_lgc
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_HysAddSrlComSvcDft_Cnt_lgc$	tgt_CDDInterface_Per4_HysAddSrlComSvcDft_Cnt_lgc
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_HystCompSrlComSvcDInterface_Per4_HystCompSrlComSvcDinterface_Per4_HystCompSrl$	tgt_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_lgc
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_KinIntDiagSrlComSvcDft_Cnt_Interface_Per4_KinIntDiagSrlComSvcDft_$	tgt_CDDInterface_Per4_KinIntDiagSrlComSvcDft_Cnt_lgc
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_LimitSrlComSvcDft_Cnt_lgc$	tgt_CDDInterface_Per4_LimitSrlComSvcDft_Cnt_lgc
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MEC_Cnt_enum	tgt_CDDInterface_Per4_MEC_Cnt_enum
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MfgDiagInhibit_Cnt_lgc	tgt_CDDInterface_Per4_MfgDiagInhibit_Cnt_lgc
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ModIdxSrlComSvcDft_Cnt_lgc$	tgt_CDDInterface_Per4_ModIdxSrlComSvcDft_Cnt_lgc
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MtrElecMechPolarity_Cnt_s08$	tgt_CDDInterface_Per4_MtrElecMechPolarity_Cnt_s08
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MtrParmNrmLrnSrlComSvcDft_	tgt_CDDInterface_Per4_MtrParmNrmLrnSrlComSvcDft_Cnt_lgc





Name	Input Value		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MtrVeiNrmLrnSrlComSvcDft_C	tgt_CDDInterface_Per4_MtrVelNrmLrnSrlCo	mSvcDft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MultIgnSrlComSvcDft_Cnt_Igc	tgt_CDDInterface_Per4_MultIgnSrlComSvcD	Oft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_ParkAstSrlComSvcI	Oft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_PosTrajEnable_Cnt_Igc	tgt_CDDInterface_Per4_PosTrajEnable_Cnt	_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_PullCompLrnSrlComSvcDft_Cn	tgt_CDDInterface_Per4_PullCompLrnSrlCon	nSvcDft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_PullCompSrlComSvcDft_Cnt_lg	tgt_CDDInterface_Per4_PullCompSrlComSv	cDft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ReturnSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_ReturnSrlComSvcD	ft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_RxMsgsSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_RxMsgsSrlComSvcl	Dft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_SftEndStpSrlComSvcDft_Cnt_lg	tgt_CDDInterface_Per4_SftEndStpSrlComSv	/cDft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_SrlComSvcDft_Cnt_b32	tgt_CDDInterface_Per4_SrlComSvcDft_Cnt_	b32	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ThermalDCSrlComSvcDft_Cnt_Inst_Sa_CDDInterface.CDDInterface_Per4_ThermalDCSrlComSvcDft_Cnt_Inst_Sa_CDDInterface.CDDInterface_Per4_ThermalDCSrlComSvcDft_Cnt_Inst_Sa_CDDInterface.CDDInterface_Per4_ThermalDCSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_ThermalDCSrlComSvcDft_Cnt_ThermalD$	tgt_CDDInterface_Per4_ThermalDCSrlComS	SvcDft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_TrqRmpSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_TrqRmpSrlComSvcl	Dft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_WIRMfgEnabled_Cnt_lgc	tgt_CDDInterface_Per4_WIRMfgEnabled_Cr	nt_lgc	
Name	Actual Value	Expected Value	Result
CDD ModldxSrlComSvcDft Cnt G u16	0	0	-
PrevMtrElecMechPolarity Cnt M s08	-1	-1	-
tgt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_lgc.value	0	0	
tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc.value	0	0	-
tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc.value	0	0	
tgt CDDInterface Per4 DisableCEBusNormComm Cnt lgc.value	0	0	-
tgt CDDInterface Per4 DisableHSBusNormComm Cnt lgc.value	0	0	
tgt CDDInterface Per4 DrivingDynSrlComSvcDft Cnt Igc.value	0	0	-
tgt_CDDInterface_Per4_DwnldAsstGain_Uls_f32.value	0	0 ± 0.000009	
tgt_CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_lgc.value	0	0	V
tgt CDDInterface Per4 EOTThermalSrlComSvcDft Cnt lgc.value	0	0	
tgt CDDInterface Per4 EngONSrlComSvcDft Cnt Igc.value	0	0	V
tgt_CDDInterface_Per4_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	0	0	
tgt_CDDInterface_Per4_FricLrnSrlComSvcDft_Cnt_lgc.value	0	0	-
tgt_CDDInterface_Per4_HysAddSrlComSvcDft_Cnt_lgc.value	0	0	
tgt CDDInterface Per4 HystCompSrlComSvcDft Cnt lgc.value	0	0	-
tgt CDDInterface Per4 KinIntDiagSrlComSvcDft Cnt lgc.value	0	0	-
tgt_CDDInterface_Per4_LimitSrlComSvcDft_Cnt_lgc.value	1	1	-
tgt_CDDInterface_Per4_MEC_Cnt_enum.value	0	0	-
tgt CDDInterface Per4 MfgDiagInhibit Cnt Igc.value	0	0	-
tgt CDDInterface Per4 ModIdxSrlComSvcDft Cnt Igc.value	0	0	-
tgt CDDInterface Per4 MtrParmNrmLrnSrlComSvcDft Cnt lgc.value	0	0	✓
tgt_CDDInterface_Per4_MtrVeiNrmLrnSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_MultIgnSrlComSvcDft_Cnt_Igc.value	0	0	-
tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc.value	0	0	-
tgt_CDDInterface_Per4_PosTrajEnable_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_PullCompLrnSrlComSvcDft_Cnt_lgc.value	0	0	-
tgt_CDDInterface_Per4_PullCompSrlComSvcDft_Cnt_lgc.value	0	0	-
tgt_CDDInterface_Per4_ReturnSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_RxMsgsSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_SftEndStpSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_SrlComSvcDft_Cnt_b32.value	262144	262144	~
tgt_CDDInterface_Per4_ThermalDCSrlComSvcDft_Cnt_lgc.value	0	0	•
tgt_CDDInterface_Per4_TrqRmpSrlComSvcDft_Cnt_lgc.value	0	0	•
tgt CDDInterface Per4 WIRMfgEnabled Cnt Igc.value	0	0	-

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
none	0	*** No Call Expected ***	0	~

Test Step 3.10 (Repeat Count = 1)	✓
Name	Input Value
CDD_BallNutTempEstDisableSvc_Cnt_G_lgc	0
CDD_DftAsstTbl_Cnt_G_lgc	0
CDD_DisableCEBusNormComm_Cnt_lgc	0
CDD_DisableHSBusNormComm_Cnt_lgc	0
CDD_DwnldAsstGain_Uls_G_f32	0
CDD_EOLNxtrWIRSelect_Cnt_G_u16	42402
CDD_EOLSrlComSvcDft_Cnt_G_b32	524288
CDD_GenPosTrajEnableFlag_Cnt_G_lgc	0
CDD_PullCompDisableSvc_Cnt_G_lgc	0
CDD_PwrAsstModeSvc_Cnt_G_lgc	0
CDD_SftEndStpDisableSvc_Cnt_G_lgc	0
CDD_WIRDisableSvc_Cnt_G_lgc	1
MfgDiagInhibit_Uls_G_lgc	0
Nvm_CMEC_Cnt_u8	0

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Input Value

CDDInterface_Per4

Name



	input value		
NxtrMEC_Uls_G_enum	0		
PrevMtrElecMechPolarity_Cnt_M_s08	-1		
Rte_Inst_Sa_CDDInterface	tgt_Rte_Inst_Sa_CDDInterface		
tgt_CDDInterface_Per4_MtrElecMechPolarity_Cnt_s08.value	-1		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_BallNutTempEstSrlComSvcDft_	tgt_CDDInterface_Per4_BallNutTempEstSrlC	omSvcDft Cnt lac	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DampingSrlComSvcDft_Cnt_Ige	tgt_CDDInterface_Per4_DampingSrlComSvcl		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DftAsstTbl_Cnt_lgc	tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DisableCEBusNormComm_Cnt		Comm Cat lac	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DisableHSBusNormComm_Cnt			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_	tgt_CDDInterface_Per4_DrivingDynSrlComSv		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DwnldAsstGain_Uls_f32	tgt_CDDInterface_Per4_DwnldAsstGain_Uls_	_f32	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_Results for the control of the contr$	tgt_CDDInterface_Per4_EOTImpactSrlComS	vcDft_Cnt_lgc	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_EOTThermalSrlComSvcDft_Cnress(CDDInterface) \\$	tgt_CDDInterface_Per4_EOTThermalSrlCom	SvcDft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_EngONSrlComSvcDf	ft_Cnt_lgc	
tgt Rte Inst Sa CDDInterface.CDDInterface Per4 FreqDepDmpSrlComSvcDft Cr	tgt_CDDInterface_Per4_FreqDepDmpSrlCom	SvcDft Cnt lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_FricLrnSrlComSvcDft_Cnt_lgc	tgt CDDInterface Per4 FricLrnSrlComSvcDf		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_HysAddSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_HysAddSrlComSvcD		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_I	tgt_CDDInterface_Per4_HystCompSrlComSv		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_KinIntDiagSrlComSvcDft_Cnt_le	tgt_CDDInterface_Per4_KinIntDiagSrlComSv		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_LimitSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_LimitSrlComSvcDft_0	Unt_igc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MEC_Cnt_enum	tgt_CDDInterface_Per4_MEC_Cnt_enum		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MfgDiagInhibit_Cnt_Igc	tgt_CDDInterface_Per4_MfgDiagInhibit_Cnt_	lgc	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ModldxSrlComSvcDft_Cnt_lgc$	tgt_CDDInterface_Per4_ModIdxSrlComSvcDf	ft_Cnt_lgc	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MtrElecMechPolarity_Cnt_s08$	tgt_CDDInterface_Per4_MtrElecMechPolarity	_Cnt_s08	
tgt Rte Inst Sa CDDInterface.CDDInterface Per4 MtrParmNrmLrnSrlComSvcDft	tgt_CDDInterface_Per4_MtrParmNrmLrnSrlC	omSvcDft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MtrVelNrmLrnSrlComSvcDft_C	tgt_CDDInterface_Per4_MtrVelNrmLrnSrlCon		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MultIgnSrlComSvcDft_Cnt_Igc	tgt_CDDInterface_Per4_MultIgnSrlComSvcDf		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc	tgt CDDInterface Per4 ParkAstSrlComSvcD		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_PosTrajEnable_Cnt_Igc	tgt CDDInterface Per4 PosTrajEnable Cnt		
		•	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_PullCompLrnSrlComSvcDft_Cn			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_PullCompSrlComSvcDft_Cnt_lg	tgt_CDDInterface_Per4_PullCompSrlComSvc		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ReturnSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_ReturnSrlComSvcDfl	t_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_RxMsgsSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_RxMsgsSrlComSvcD	Oft_Cnt_lgc	
tgt Rte Inst Sa CDDInterface.CDDInterface Per4 SftEndStpSrlComSvcDft Cnt kg	tgt_CDDInterface_Per4_SftEndStpSrlComSv	cDft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_SrlComSvcDft_Cnt_b32	tgt_CDDInterface_Per4_SrlComSvcDft_Cnt_t	032	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ThermalDCSrlComSvcDft_Cnt_	tgt_CDDInterface_Per4_ThermalDCSrlComS	vcDft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_TrqRmpSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_TrqRmpSrlComSvcD	Oft Cnt Igc	
tot Rte Inst Sa CDDInterface.CDDInterface Per4 WIRMfgEnabled Cnt lgc	tot CDDInterface Per4 WIRMfgEnabled Cn		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_WIRMfgEnabled_Cnt_lgc	tgt_CDDInterface_Per4_WIRMfgEnabled_Cn	t_lgc	Pocult
Name	Actual Value	t_lgc Expected Value	Result
Name CDD_ModldxSrlComSvcDft_Cnt_G_u16	Actual Value	t_lgc Expected Value 0	~
Name CDD_ModIdxSrlComSvcDft_Cnt_G_u16 PrevMtrElecMechPolarity_Cnt_M_s08	Actual Value 0 -1	t_lgc Expected Value 0 -1	~
Name CDD_ModldxSrlComSvcDft_Cnt_G_u16	Actual Value 0 -1 0	t_lgc Expected Value 0 -1 0	\ \ \ \ \ \ \ \
Name CDD_ModIdxSrlComSvcDft_Cnt_G_u16 PrevMtrElecMechPolarity_Cnt_M_s08	Actual Value 0 -1	t_lgc Expected Value 0 -1	~
Name CDD_ModIdxSrlComSvcDft_Cnt_G_u16 PrevMtrElecMechPolarity_Cnt_M_s08 tgt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_lgc.value	Actual Value 0 -1 0	t_lgc Expected Value 0 -1 0	\ \ \ \ \ \ \ \
Name CDD_ModldxSrlComSvcDft_Cnt_G_u16 PrevMtrElecMechPolarity_Cnt_M_s08 tgt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc.value	Actual Value 0 -1 0 0	t_lgc Expected Value 0 -1 0 0	* * * * * * * * * * * * * * * * * * *
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Name CDD_ModldxSrlComSvcDft_Cnt_G_u16 PrevMtrElecMechPolarity_Cnt_M_s08 tgt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc.value tgt_CDDInterface_Per4_DisableCEBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc.value	Actual Value 0 -1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	t_lgc Expected Value 0 -1 0 0 0 0 0 0	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
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CDD_ModIdxSrlComSvcDft_Cnt_G_u16 PrevMtrElecMechPolarity_Cnt_M_s08 tgt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc.value tgt_CDDInterface_Per4_DisableCEBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DivingDynSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DownldAsstGain_Uls_f32.value tgt_CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTThermalSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTThermalSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_FricLmSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HysAddSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HysCompSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HinitDiagSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MigDiagInhibit_Cnt_lgc.value tgt_CDDInterface_Per4_MigDiagInhibit_Cnt_lgc.value tgt_CDDInterface_Per4_MigDiagInhibit_Cnt_lgc.value tgt_CDDInterface_Per4_MitrParmNrmLrnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MitrParmNrmLrnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MitrParmNrmLrnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MitrlgnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MitrlgnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MitrlgnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ReturnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ReturnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ReturnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_SftEndSt	Actual Value 0 -1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	t_lgc Expected Value 0 -1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
CDD_ModIdxSrlComSvcDft_Cnt_G_u16 PrevMtrElecMechPolarity_Cnt_M_s08 tgt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc.value tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc.value tgt_CDDInterface_Per4_DisableCEBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DownldAsstGain_Uls_f32.value tgt_CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTThermalSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_FricLmSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HysAddSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HysAddSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HinitDiagSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MifgDiagInhibit_Cnt_lgc.value tgt_CDDInterface_Per4_MifgDiagInhibit_Cnt_lgc.value tgt_CDDInterface_Per4_MifgDiagInhibit_Cnt_lgc.value tgt_CDDInterface_Per4_MiftParmNrmLrnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MiftParmNrmLrnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MiftlgnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MiftlgnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ReturnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ReturnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ReturnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_SftEndStpSrlComSvcDft_Cnt_lg	Actual Value 0 -1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Expected Value 0 -1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
CDD_ModIdxSrlComSvcDft_Cnt_G_u16 PrevMtrElecMechPolarity_Cnt_M_s08 tgt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc.value tgt_CDDInterface_Per4_DisableCEBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DivingDynSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DownldAsstGain_Uls_f32.value tgt_CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTThermalSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTThermalSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_FricLmSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HysAddSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HysCompSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HinitDiagSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MigDiagInhibit_Cnt_lgc.value tgt_CDDInterface_Per4_MigDiagInhibit_Cnt_lgc.value tgt_CDDInterface_Per4_MigDiagInhibit_Cnt_lgc.value tgt_CDDInterface_Per4_MitrParmNrmLrnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MitrParmNrmLrnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MitrParmNrmLrnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MitrlgnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MitrlgnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MitrlgnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ReturnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ReturnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ReturnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_SftEndSt	Actual Value 0 -1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	t_lgc Expected Value 0 -1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \

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Name	Actual Value	Expected Value	Result
tgt_CDDInterface_Per4_WIRMfgEnabled_Cnt_lgc.value	0	0	~

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
none	0	*** No Call Expected ***	0	~

Test Sten 2.11 (Penest Count = 1)			w.
Test Step 3.11 (Repeat Count = 1) Name	Input Value		
CDD_BallNutTempEstDisableSvc_Cnt_G_lgc	0		
CDD_DftAsstTbl_Cnt_G_lgc	1		
CDD_DisableCEBusNormComm_Cnt_lgc	0		
CDD_DisableHSBusNormComm_Cnt_lgc	0		
CDD_DwnldAsstGain_Uls_G_f32	1.25		
CDD_EOLNxtrWIRSelect_Cnt_G_u16	1259		
CDD_EOLSrlComSvcDft_Cnt_G_b32	2548		
CDD_GenPosTrajEnableFlag_Cnt_G_lgc	0		
CDD_PullCompDisableSvc_Cnt_G_lgc	0		
CDD_PwrAsstModeSvc_Cnt_G_lgc	1		
CDD_SftEndStpDisableSvc_Cnt_G_lgc	1		
CDD_WIRDisableSvc_Cnt_G_lgc	0		
MfgDiagInhibit_UIs_G_lgc	1		
Nvm_CMEC_Cnt_u8	0		
NxtrMEC_UIs_G_enum PrevMtrElecMechPolarity Cnt M s08	-1		
Rte_Inst_Sa_CDDInterface	tgt_Rte_Inst_Sa_CDDInterface		
tgt_CDDInterface_Per4_MtrElecMechPolarity_Cnt_s08.value	-1		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_BallNutTempEstSrlComSvcDft_		comSvcDft Cnt lac	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgr			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DftAsstTbl_Cnt_lgc	tgt CDDInterface Per4 DftAsstTbl Cnt lgc		
tgt Rte Inst Sa CDDInterface.CDDInterface Per4 DisableCEBusNormComm Cnt		Comm Cnt lac	
tgt Rte Inst Sa CDDInterface.CDDInterface Per4 DisableHSBusNormComm Cnt		*	
tgt Rte Inst Sa CDDInterface.CDDInterface Per4 DrivingDynSrlComSvcDft Cnt			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DwnldAsstGain_Uls_f32	tgt CDDInterface Per4 DwnldAsstGain Uls		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_		_	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_EOTThermalSrlComSvcDft_Cn			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_EngONSrlComSvcD	ft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_FreqDepDmpSrlComSvcDft_Cr	tgt_CDDInterface_Per4_FreqDepDmpSrlCon	nSvcDft_Cnt_lgc	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_FricLrnSrlComSvcDft_Cnt_lgc$	tgt_CDDInterface_Per4_FricLrnSrlComSvcDf	ft_Cnt_lgc	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_HysAddSrlComSvcDft_Cnt_lgc$	tgt_CDDInterface_Per4_HysAddSrlComSvcD	ft_Cnt_lgc	
tgt Rte Inst Sa CDDInterface.CDDInterface Per4 HystCompSrlComSvcDft Cnt I	tgt_CDDInterface_Per4_HystCompSrlComSv	cDft_Cnt_lgc	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_KinIntDiagSrlComSvcDft_Cnt_Interface_Per4_Kin$	tgt_CDDInterface_Per4_KinIntDiagSrlComSv	cDft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_LimitSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_LimitSrlComSvcDft_	Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MEC_Cnt_enum	tgt_CDDInterface_Per4_MEC_Cnt_enum		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MfgDiagInhibit_Cnt_Igc	tgt_CDDInterface_Per4_MfgDiagInhibit_Cnt_	-	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ModIdxSrlComSvcDft_Cnt_lgc$	tgt_CDDInterface_Per4_MfgDiagInhibit_Cnt_tgt_CDDInterface_Per4_ModIdxSrlComSvcD	ft_Cnt_lgc	
$\label{total_constraints} $$ tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ModIdxSrlComSvcDft_Cnt_lgc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MtrElecMechPolarity_Cnt_s08 $$ tgt_Rte_Inst_Sa_CDDInterface_Per4_MtrElecMechPolarity_Cnt_s08 $$ tgt_Rte_Inst_Sa_CDDInterface_Per4_MtrElecMechPolarity_Cn$	tgt_CDDInterface_Per4_MfgDiagInhibit_Cnt_tgt_CDDInterface_Per4_ModldxSrlComSvcDtgt_CDDInterface_Per4_MtrElecMechPolarity	ft_Cnt_lgc r_Cnt_s08	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ModIdxSrlComSvcDft_Cnt_Igc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MtrElecMechPolarity_Cnt_s08 tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MtrParmNrmLrnSrlComSvcDft_	tgt_CDDInterface_Per4_MfgDiagInhibit_Cnt_tgt_CDDInterface_Per4_ModIdxSrlComSvcDtgt_CDDInterface_Per4_MtrElecMechPolaritytgt_CDDInterface_Per4_MtrParmNrmLrnSrlC	ft_Cnt_lgc _Cnt_s08 omSvcDft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ModidxSrlComSvcDft_Cnt_Igc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MtrElecMechPolarity_Cnt_s08 tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MtrParmNrmLrnSrlComSvcDft_tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MtrVeINrmLrnSrlComSvcDft_CDDInterface_Per4_MtrVeINrmLrnSr	tgt_CDDInterface_Per4_MfgDiagInhibit_Cnt_tgt_CDDInterface_Per4_ModidxSrlComSvcDtgt_CDDInterface_Per4_MtrElecMechPolaritytgt_CDDInterface_Per4_MtrParmNrmLrnSrlCtgt_CDDInterface_Per4_MtrVelNrmLrnSrlCortgt_CDD	ff_Cnt_lgc r_Cnt_s08 omSvcDft_Cnt_lgc nSvcDft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ModidxSrlComSvcDft_Cnt_Igc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MtrElecMechPolarity_Cnt_s08 tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MtrParmNrmLrnSrlComSvcDft_tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MtrVelNrmLrnSrlComSvcDft_C tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MultIgnSrlComSvcDft_Cnt_Igc	tgt_CDDInterface_Per4_MfgDiagInhibit_Cnt_tgt_CDDInterface_Per4_ModidxSrlComSvcDtgt_CDDInterface_Per4_MtrElecMechPolaritytgt_CDDInterface_Per4_MtrParmNrmLrnSrlCotgt_CDDInterface_Per4_MtrVelNrmLrnSrlCotgt_CDDInterface_Per4_MultignSrlComSvcDtgt_CDDInterface_Per4_MultignSrlComSvcD	ft_Cnt_lgc r_Cnt_s08 omSvcDft_Cnt_lgc nSvcDft_Cnt_lgc ft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ModidxSrlComSvcDft_Cnt_Igc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MtrElecMechPolarity_Cnt_s08 tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MtrParmNrmLrnSrlComSvcDft_tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MtrVeINrmLrnSrlComSvcDft_Ctgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MultIgnSrlComSvcDft_Cnt_Igc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_Igc	tgt_CDDInterface_Per4_MfgDiagInhibit_Cnt_tgt_CDDInterface_Per4_ModidxSrlComSvcDtgt_CDDInterface_Per4_MtrElecMechPolaritytgt_CDDInterface_Per4_MtrParmNrmLrnSrlCottgt_CDDInterface_Per4_MtrVelNrmLrnSrlCortgt_CDDInterface_Per4_MultignSrlComSvcDtgt_CDDInterface_Per4_ParkAstSrlComSvcDtgt_CDDInterface_Per4_ParkAstSrlComSvcDtgt_CDDInterface_Per4_ParkAstSrlComSvcD	ft_Cnt_igc _Cnt_s08 omSvcDft_Cnt_igc nSvcDft_Cnt_igc ft_Cnt_igc vft_Cnt_igc	
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tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ModidxSrlComSvcDft_Cnt_Igc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MtrElecMechPolarity_Cnt_s08 tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MtrParmNrmLrmSrlComSvcDft_ tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MtrVelNrmLrmSrlComSvcDft_Cnt_Igc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MultIgnSrlComSvcDft_Cnt_Igc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_Igc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_PosTrajEnable_Cnt_Igc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_PullCompLrmSrlComSvcDft_Cnt_Igc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_PullCompSrlComSvcDft_Cnt_Igc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ReturnSrlComSvcDft_Cnt_Igc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_RxMsgsSrlComSvcDft_Cnt_Igc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_SftEndStpSrlComSvcDft_Cnt_Igc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_SftEndStpSrlComSvcDft_Cnt_Igc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ThermalDCSrlComSvcDft_Cnt_Igc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_TrqRmpSrlComSvcDft_Cnt_Igc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_TrqRmpSrlComSvcDft_Cnt_Igc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_WIRMfgEnabled_Cnt_Igc Name CDD_ModIdxSrlComSvcDft_Cnt_G_u16 PrevMtrElecMechPolarity_Cnt_M_s08 tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_Igc.value tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_Igc.value	tgt_CDDInterface_Per4_MfgDiagInhibit_Cnt_tgt_CDDInterface_Per4_ModidxSrlComSvcDtgt_CDDInterface_Per4_MtrElecMechPolaritytgt_CDDInterface_Per4_MtrParmNrmLrnSrlCotgt_CDDInterface_Per4_MtrVelNrmLrnSrlCortgt_CDDInterface_Per4_MultignSrlComSvcDtgt_CDDInterface_Per4_ParkAstSrlComSvcDtgt_CDDInterface_Per4_PoSTrajEnable_Cnt_tgt_CDDInterface_Per4_PullCompLrnSrlComSvcDtgt_CDDInterface_Per4_PullCompSrlComSvcDtgt_CDDInterface_Per4_PullCompSrlComSvcDtgt_CDDInterface_Per4_RxMsgSrlComSvcDtgt_CDDInterface_Per4_SftEndStpSrlComSvcDtgt_CDDInterface_Per4_SftComSvcDft_Cnt_tgt_CDDInterface_Per4_TrqRmpSrlComSvcDtgt_CDDInterface_Per4_TrqRmpSrlComSvcDtgt_CDDInterface_Per4_WiRMfgEnabled_CnActual Value 0 -1 0 0	ft_Cnt_lgc t_Cnt_s08 omSvcDft_Cnt_lgc nSvcDft_Cnt_lgc ft_Cnt_lgc ft_Cnt_lgc lgc SvcDft_Cnt_lgc cDft_Cnt_lgc t_Cnt_lgc t_Cnt_lgc t_Cnt_lgc t_Cnt_lgc t_Cnt_lgc t_Cnt_lgc t_Cnt_lgc t_Cnt_lgc t_Cnt_lgc cDft_Cnt_lgc t_Cnt_lgc cDft_Cnt_lgc t_Dft_Cnt_lgc t_Dft_Cnt_lgc t_Dft_Cnt_lgc 0ft_Cnt_lgc 0ft_Cnt_lgc 0ft_Cnt_lgc t_lgc Expected Value 0 -1 0	\ \ \ \
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tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ModidxSrlComSvcDft_Cnt_Igc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MtrElecMechPolarity_Cnt_s08 tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MtrParmNrmLrmSrlComSvcDft tgt Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MtrVelNrmLrmSrlComSvcDft_Cnt_Igc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MultIgnSrlComSvcDft_Cnt_Igc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_Igc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_PosTrajEnable_Cnt_Igc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_PullCompLrmSrlComSvcDft_Cnt_Igc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_PullCompSrlComSvcDft_Cnt_Igc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ReturnSrlComSvcDft_Cnt_Igc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_SftEndStpSrlComSvcDft_Cnt_Igc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_SftEndStpSrlComSvcDft_Cnt_Igc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_SrlComSvcDft_Cnt_Igc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_TrqRmpSrlComSvcDft_Cnt_Igc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_TrqRmpSrlComSvcDft_Cnt_Igc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_TrqRmpSrlComSvcDft_Cnt_Igc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_WIRMfgEnabled_Cnt_Igc Name CDD_ModidxSrlComSvcDft_Cnt_G_u16 PrevMtrElecMechPolarity_Cnt_M_s08 tgt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_Igc.value tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_Igc.value tgt_CDDInterface_Per4_DisableCEBusNormComm_Cnt_Igc.value	tgt_CDDInterface_Per4_MfgDiagInhibit_Cnt_tgt_CDDInterface_Per4_ModidxSrlComSvcDtgt_CDDInterface_Per4_MtrElecMechPolaritytgt_CDDInterface_Per4_MtrParmNrmLrnSrlCotgt_CDDInterface_Per4_MtrVelNrmLrnSrlCotgt_CDDInterface_Per4_MttVelNrmLrnSrlComSvcDtgt_CDDInterface_Per4_ParkAstSrlComSvcDtgt_CDDInterface_Per4_ParkAstSrlComSvcDtgt_CDDInterface_Per4_PullCompLrnSrlComSvcDtgt_CDDInterface_Per4_PullCompLrnSrlComSvcDtgt_CDDInterface_Per4_ReturnSrlComSvcDtgt_CDDInterface_Per4_ReturnSrlComSvcDtgt_CDDInterface_Per4_SftEndStpSrlComSvcDtgt_CDDInterface_Per4_SftEndStpSrlComSvtgt_CDDInterface_Per4_SftEndStpSrlComSvtgt_CDDInterface_Per4_ThermalDCSrlComStgt_CDDInterface_Per4_TrqRmpSrlComSvcDtgt_CDDInterface_Per4_TrqRmpSrlComSvcDtgt_CDDInterface_Per4_WiRMfgEnabled_CnActual Value 0 -1 0 0 1	ft_Cnt_igc t_Cnt_s08 comSvcDft_Cnt_igc mSvcDft_Cnt_igc ft_Cnt_igc ft_Cnt_igc ligc SvcDft_Cnt_igc SvcDft_Cnt_igc ct_Cnt_igc ct_igc ct_	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \

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Name	Actual Value	Expected Value	Result
tgt_CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_lgc.value	1	1	✓
tgt_CDDInterface_Per4_EOTThermalSrlComSvcDft_Cnt_lgc.value	1	1	✓
tgt_CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	0	0	✓
tgt_CDDInterface_Per4_FricLrnSrlComSvcDft_Cnt_lgc.value	0	0	✓
tgt_CDDInterface_Per4_HysAddSrlComSvcDft_Cnt_lgc.value	0	0	✓
tgt_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_lgc.value	0	0	✓
tgt_CDDInterface_Per4_KinIntDiagSrlComSvcDft_Cnt_lgc.value	1	1	✓
tgt_CDDInterface_Per4_LimitSrlComSvcDft_Cnt_lgc.value	0	0	✓
tgt_CDDInterface_Per4_MEC_Cnt_enum.value	0	0	✓
tgt_CDDInterface_Per4_MfgDiagInhibit_Cnt_lgc.value	1	1	✓
tgt_CDDInterface_Per4_ModIdxSrlComSvcDft_Cnt_lgc.value	0	0	✓
tgt_CDDInterface_Per4_MtrParmNrmLrnSrlComSvcDft_Cnt_lgc.value	1	1	✓
tgt_CDDInterface_Per4_MtrVelNrmLrnSrlComSvcDft_Cnt_lgc.value	1	1	✓
tgt_CDDInterface_Per4_MultIgnSrlComSvcDft_Cnt_lgc.value	0	0	✓
tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc.value	0	0	✓
tgt_CDDInterface_Per4_PosTrajEnable_Cnt_lgc.value	0	0	✓
tgt_CDDInterface_Per4_PullCompLrnSrlComSvcDft_Cnt_lgc.value	0	0	✓
tgt_CDDInterface_Per4_PullCompSrlComSvcDft_Cnt_lgc.value	0	0	✓
tgt_CDDInterface_Per4_ReturnSrlComSvcDft_Cnt_lgc.value	0	0	✓
tgt_CDDInterface_Per4_RxMsgsSrlComSvcDft_Cnt_lgc.value	0	0	✓
tgt_CDDInterface_Per4_SftEndStpSrlComSvcDft_Cnt_lgc.value	1	1	✓
tgt_CDDInterface_Per4_SrlComSvcDft_Cnt_b32.value	2548	2548	✓
tgt_CDDInterface_Per4_ThermalDCSrlComSvcDft_Cnt_lgc.value	0	0	✓
tgt_CDDInterface_Per4_TrqRmpSrlComSvcDft_Cnt_lgc.value	1	1	✓
tgt_CDDInterface_Per4_WIRMfgEnabled_Cnt_lgc.value	0	0	✓

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
none	0	*** No Call Expected ***	0	~

Test Step 3.12 (Repeat Count = 1)	✓
Name	Input Value
CDD_BallNutTempEstDisableSvc_Cnt_G_lgc	0
CDD_DftAsstTbl_Cnt_G_lgc	0
CDD_DisableCEBusNormComm_Cnt_lgc	1
CDD_DisableHSBusNormComm_Cnt_lgc	1
CDD_DwnldAsstGain_Uls_G_f32	4.48000002
CDD_EOLNxtrWIRSelect_Cnt_G_u16	4579
CDD_EOLSrlComSvcDft_Cnt_G_b32	5876
CDD_GenPosTrajEnableFlag_Cnt_G_lgc	1.
CDD_PullCompDisableSvc_Cnt_G_lgc	1
CDD_PwrAsstModeSvc_Cnt_G_lgc	0
CDD_SftEndStpDisableSvc_Cnt_G_lgc	1
CDD_WIRDisableSvc_Cnt_G_lgc	1
MfgDiagInhibit_UIs_G_lgc	0
Nvm_CMEC_Cnt_u8	128
NxtrMEC_UIs_G_enum	0
PrevMtrElecMechPolarity_Cnt_M_s08	0
Rte_Inst_Sa_CDDInterface	tgt_Rte_Inst_Sa_CDDInterface
tgt_CDDInterface_Per4_MtrElecMechPolarity_Cnt_s08.value	-1
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Results and the complex of the comp$	tgt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_lgc
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DampingSrlComSvcDft_Cnt_Igenerate CDDInterface_Per4_DampingSrlComSvcDft_Cnt_Igenerate CDDInterface_Per4_DampingSrlComSvcDft_Cnt_DampingSrlComSvcDft_Cnt_DampingSrlComSvcDft_Cnt_D$	tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DftAsstTbl_Cnt_lgc	tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DisableCEBusNormComm_CntDisab$	tgt_CDDInterface_Per4_DisableCEBusNormComm_Cnt_lgc
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DisableHSBusNormComm_Cnt	tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc
tgt Rte Inst Sa CDDInterface.CDDInterface Per4 DrivingDynSrlComSvcDft Cnt	tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DwnldAsstGain_Uls_f32	tgt_CDDInterface_Per4_DwnldAsstGain_UIs_f32
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_EOTImpactSrlComSvcDft_EOT$	tgt_CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_lgc
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_EOTThermalSrlComSvcDft_Cnress and the state of $	tgt_CDDInterface_Per4_EOTThermalSrlComSvcDft_Cnt_lgc
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc$	tgt_CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_FreqDepDmpSrlComSvcDft_Crresults and the state of the state $	tgt_CDDInterface_Per4_FreqDepDmpSrlComSvcDft_Cnt_lgc
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_FricLrnSrlComSvcDft_Cnt_lgc$	tgt_CDDInterface_Per4_FricLrnSrlComSvcDft_Cnt_lgc
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_HysAddSrlComSvcDft_Cnt_lgc$	tgt_CDDInterface_Per4_HysAddSrlComSvcDft_Cnt_lgc
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_HystCompSrlComSvcDinterface_Per4_HystC$	tgt_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_lgc
tgt Rte Inst Sa CDDInterface.CDDInterface Per4 KinIntDiagSrlComSvcDft Cnt I	tgt_CDDInterface_Per4_KinIntDiagSrlComSvcDft_Cnt_lgc
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_LimitSrlComSvcDft_Cnt_lgc$	tgt_CDDInterface_Per4_LimitSrlComSvcDft_Cnt_lgc
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MEC_Cnt_enum	tgt_CDDInterface_Per4_MEC_Cnt_enum
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MfgDiagInhibit_Cnt_lgc	tgt_CDDInterface_Per4_MfgDiagInhibit_Cnt_lgc
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ModIdxSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_ModIdxSrlComSvcDft_Cnt_lgc

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Name	Input Value		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MtrElecMechPolarity_Cnt_s08	tgt_CDDInterface_Per4_MtrElecMechPolarity	/_Cnt_s08	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MtrParmNrmLrnSrlComSvcDft_	tgt_CDDInterface_Per4_MtrParmNrmLrnSrlC	comSvcDft_Cnt_lgc	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MtrVelNrmLrnSrlComSvcDft_C$	tgt_CDDInterface_Per4_MtrVelNrmLrnSrlCor	mSvcDft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MultIgnSrlComSvcDft_Cnt_Igc	tgt_CDDInterface_Per4_MultIgnSrlComSvcD	ft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_ParkAstSrlComSvcD	Oft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_PosTrajEnable_Cnt_lgc	tgt_CDDInterface_Per4_PosTrajEnable_Cnt_	_lgc	
tgt Rte Inst Sa CDDInterface.CDDInterface Per4 PullCompLrnSrlComSvcDft Cn	tgt_CDDInterface_Per4_PullCompLrnSrlCom	SvcDft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_PullCompSrlComSvcDft_Cnt_lg	tgt_CDDInterface_Per4_PullCompSrlComSv	cDft_Cnt_lgc	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ReturnSrlComSvcDft_Cnt_lgc$	tgt_CDDInterface_Per4_ReturnSrlComSvcDf	t_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_RxMsgsSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_RxMsgsSrlComSvcI	Oft_Cnt_lgc	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_SftEndStpSrlComSvcDft_Cnt_l(t) = tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_SftEndStpSrlComSvcDft_Cnt_l(t) = tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_SftEndStpSrlComSvcDft_Cnt_l(t) = tgt_Rte_Inst_Sa_CDDInterface_Per4_SftEndStpSrlComSvcDft_Cnt_l(t) = tgt_Rte_Inst_Sa_CDDInterface_Per4_SftEndStpSrlComSvcDinterface_Per4_SftEndStpSrlComSvcDinterface_Per4_SftEndStpSrlComSvcDinterface_Per4_SftEndStpSrlComSvcDinterface_Per4_SftEndStpSrlComSvcDinterfa$	tgt_CDDInterface_Per4_SftEndStpSrlComSv	cDft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_SrlComSvcDft_Cnt_b32	tgt_CDDInterface_Per4_SrlComSvcDft_Cnt_	b32	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ThermalDCSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_ThermalDCSrlComSvcDft$	tgt_CDDInterface_Per4_ThermalDCSrlComS	vcDft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_TrqRmpSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_TrqRmpSrlComSvcI	Dft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_WIRMfgEnabled_Cnt_lgc	tgt_CDDInterface_Per4_WIRMfgEnabled_Cn	ıt_lgc	
Name	Actual Value	Expected Value	Result
CDD_ModIdxSrlComSvcDft_Cnt_G_u16	1	1	~
PrevMtrElecMechPolarity Cnt M s08	-1	-1	~
tgt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_DisableCEBusNormComm_Cnt_lgc.value	1	1	✓
tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_DwnldAsstGain_Uls_f32.value	4.48000002	4.48000002 ± 0.000009	~
tgt_CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_EOTThermalSrlComSvcDft_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_FricLrnSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_HysAddSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_lgc.value	0	0	•
tgt_CDDInterface_Per4_KinIntDiagSrlComSvcDft_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_LimitSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_MEC_Cnt_enum.value	0	0	~
tgt_CDDInterface_Per4_MfgDiagInhibit_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_ModIdxSrlComSvcDft_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_MtrParmNrmLrnSrlComSvcDft_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_MtrVelNrmLrnSrlComSvcDft_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_MultIgnSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_PosTrajEnable_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_PullCompLrnSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_PullCompSrlComSvcDft_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_ReturnSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_RxMsgsSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_SftEndStpSrlComSvcDft_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_SrlComSvcDft_Cnt_b32.value	5876	5876	~
tgt_CDDInterface_Per4_ThermalDCSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_TrqRmpSrlComSvcDft_Cnt_lgc.value	0	0	~
tgt_CDDInterface_Per4_WIRMfgEnabled_Cnt_lgc.value	0	0	

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Sa_CDDInterface_CDDPorts_ApplyMtrElecMechPol	1	Rte_Call_Sa_CDDInterface_CDDPorts_ApplyMtrElecMechPol	1	~

Test Step 3.13 (Repeat Count = 1)	✓
Name	Input Value
CDD_BallNutTempEstDisableSvc_Cnt_G_lgc	0
CDD_DftAsstTbl_Cnt_G_lgc	0
CDD_DisableCEBusNormComm_Cnt_lgc	1
CDD_DisableHSBusNormComm_Cnt_lgc	1
CDD_DwnldAsstGain_Uls_G_f32	8.85999966
CDD_EOLNxtrWIRSelect_Cnt_G_u16	65535
CDD_EOLSrlComSvcDft_Cnt_G_b32	4587
CDD_GenPosTrajEnableFlag_Cnt_G_lgc	0
CDD_PullCompDisableSvc_Cnt_G_lgc	1
CDD_PwrAsstModeSvc_Cnt_G_lgc	0
CDD_SftEndStpDisableSvc_Cnt_G_lgc	1
CDD_WIRDisableSvc_Cnt_G_lgc	1

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Name	Input Value		
MfgDiagInhibit_Uls_G_lgc	0		
Nvm_CMEC_Cnt_u8	0		
NxtrMEC_UIs_G_enum	0		
PrevMtrElecMechPolarity_Cnt_M_s08	0		
Rte_Inst_Sa_CDDInterface tgt CDDInterface Per4 MtrElecMechPolarity Cnt s08.value	tgt_Rte_Inst_Sa_CDDInterface		
tgt_CDDInterface_rei4_witi_ElectiveCirrolarity_Crit_soc.value tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_BallNutTempEstSrlComSvcDft	tgt_CDDInterface_Per4_BallNutTempEstSrlC	omSvcDft Cnt lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DampingSrlComSvcDft_Cnt_Igo	tgt_CDDInterface_Per4_DampingSrlComSvcl		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DftAsstTbl_Cnt_lgc	tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DisableCEBusNormComm_Cnt		Comm_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DisableHSBusNormComm_Cnt	tgt_CDDInterface_Per4_DisableHSBusNorm(Comm_Cnt_lgc	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface.CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface.CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface.CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface.CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_Inst_Sa_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_DrivingDynSrlComSvcDft_Dri$	tgt_CDDInterface_Per4_DrivingDynSrlComSv	vcDft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DwnldAsstGain_Uls_f32	tgt_CDDInterface_Per4_DwnldAsstGain_UIs_		
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_Results (Self-Self-Self-Self-Self-Self-Self-Self-$	tgt_CDDInterface_Per4_EOTImpactSrlComS		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_EOTThermalSrlComSvcDft_Cn	tgt_CDDInterface_Per4_EOTThermalSrlCom		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_EngONSrlComSvcDft_Cnt_Igc	tgt_CDDInterface_Per4_EngONSrlComSvcDi		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_FreqDepDmpSrlComSvcDft_Cr			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_FricLrnSrlComSvcDft_Cnt_lgc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_HysAddSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_FricLrnSrlComSvcDf tgt_CDDInterface_Per4_HysAddSrlComSvcD		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_I			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_KinIntDiagSrlComSvcDft_Cnt_l	tgt_CDDInterface_Per4_KinIntDiagSrlComSv		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_LimitSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_LimitSrlComSvcDft_0		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MEC_Cnt_enum	tgt_CDDInterface_Per4_MEC_Cnt_enum		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MfgDiagInhibit_Cnt_lgc	tgt_CDDInterface_Per4_MfgDiagInhibit_Cnt_	lgc	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ModIdxSrlComSvcDft_Cnt_lgc$	tgt_CDDInterface_Per4_ModIdxSrlComSvcDf	ft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MtrElecMechPolarity_Cnt_s08	tgt_CDDInterface_Per4_MtrElecMechPolarity		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MtrParmNrmLrnSrlComSvcDft_	tgt_CDDInterface_Per4_MtrParmNrmLrnSrlC		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MtrVelNrmLrnSrlComSvcDft_Ci	tgt_CDDInterface_Per4_MtrVelNrmLrnSrlCon		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MultIgnSrlComSvcDft_Cnt_lgc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_MultIgnSrlComSvcDf tgt_CDDInterface_Per4_ParkAstSrlComSvcD		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_PosTrajEnable_Cnt_Igc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_PosTrajEnable_Cnt_Igc	tgt_CDDInterface_Per4_PosTrajEnable_Cnt_		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_PullCompLrnSrlComSvcDft_Cn			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_PullCompSrlComSvcDft_Cnt_lg			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ReturnSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_ReturnSrlComSvcDfl		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_RxMsgsSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_RxMsgsSrlComSvcD	Oft_Cnt_lgc	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_SftEndStpSrlComSvcDft_Cnt_l(a) = (a) + (b) + (b$	tgt_CDDInterface_Per4_SftEndStpSrlComSvd	cDft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_SrlComSvcDft_Cnt_b32	tgt_CDDInterface_Per4_SrlComSvcDft_Cnt_t	b32	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ThermalDCSrlComSvcDft_Cnt_	tgt_CDDInterface_Per4_ThermalDCSrlComS	vcDft_Cnt_lgc	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ThermalDCSrlComSvcDft_Cnt_tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_TrqRmpSrlComSvcDft_Cnt_lgc$	tgt_CDDInterface_Per4_ThermalDCSrlComStgt_CDDInterface_Per4_TrqRmpSrlComSvcD	vcDft_Cnt_lgc lft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ThermalDCSrlComSvcDft_Cnt_tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_TrqRmpSrlComSvcDft_Cnt_lgct_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_WIRMfgEnabled_Cnt_lgc	tgt_CDDInterface_Per4_ThermalDCSrlComS tgt_CDDInterface_Per4_TrqRmpSrlComSvcD tgt_CDDInterface_Per4_WIRMfgEnabled_Cn	vcDft_Cnt_lgc Jft_Cnt_lgc t_lgc	Result
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ThermalDCSrlComSvcDft_Cnt_tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_TrqRmpSrlComSvcDft_Cnt_tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_WIRMfgEnabled_Cnt_tgc_Name	tgt_CDDInterface_Per4_ThermalDCSrlComS tgt_CDDInterface_Per4_TrqRmpSrlComSvcD tgt_CDDInterface_Per4_WIRMfgEnabled_Cn Actual Value	vcDft_Cnt_lgc Jft_Cnt_lgc t_lgc Expected Value	Result
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ThermalDCSrlComSvcDft_Cnt_tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_TrqRmpSrlComSvcDft_Cnt_tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_WIRMfgEnabled_Cnt_tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_WIRMfgEnabled_Cnt_tgc_Name_CDD_ModldxSrlComSvcDft_Cnt_G_u16	tgt_CDDInterface_Per4_ThermalDCSrlComS tgt_CDDInterface_Per4_TrqRmpSrlComSvcD tgt_CDDInterface_Per4_WIRMfgEnabled_Cn	vcDft_Cnt_lgc Jft_Cnt_lgc t_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ThermalDCSrlComSvcDft_Cnt_tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_TrqRmpSrlComSvcDft_Cnt_tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_WIRMfgEnabled_Cnt_tgc_Name	tgt_CDDInterface_Per4_ThermalDCSrlComS tgt_CDDInterface_Per4_TrqRmpSrlComSvcD tgt_CDDInterface_Per4_WIRMfgEnabled_Cn Actual Value 0	vcDft_Cnt_lgc Dft_Cnt_lgc t_lgc Expected Value 0	•
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ThermalDCSrlComSvcDft_Cnt_tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_TrqRmpSrlComSvcDft_Cnt_tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_WIRMfgEnabled_Cnt_lgc Name CDD_ModIdxSrlComSvcDft_Cnt_G_u16 PrevMtrElecMechPolarity_Cnt_M_s08	tgt_CDDInterface_Per4_ThermalDCSrlComS tgt_CDDInterface_Per4_TrqRmpSrlComSvcD tgt_CDDInterface_Per4_WIRMfgEnabled_Cn Actual Value 0 1	vcDft_Cnt_lgc Dft_Cnt_lgc t_lgc Expected Value 0	*
Igt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ThermalDCSrlComSvcDft_Cnt_tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_TrqRmpSrlComSvcDft_Cnt_tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_WIRMfgEnabled_Cnt_tgc_tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_WIRMfgEnabled_Cnt_tgc_Name CDD_ModIdxSrlComSvcDft_Cnt_G_u16 PrevMtrElecMechPolarity_Cnt_M_s08 tgt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_tgc.value	tgt_CDDInterface_Per4_ThermaiDCSrlComS tgt_CDDInterface_Per4_TrqRmpSrlComSvcD tgt_CDDInterface_Per4_WIRMfgEnabled_Cn Actual Value 0 1 0	vcDft_Cnt_lgc bft_Cnt_lgc t_lgc Expected Value 0 1	*
Igt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ThermalDCSrlComSvcDft_Cnt_tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_TrqRmpSrlComSvcDft_Cnt_tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_WIRMfgEnabled_Cnt_lgc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_WIRMfgEnabled_Cnt_lgc Name CDD_ModIdxSrlComSvcDft_Cnt_G_u16 PrevMtrElecMechPolarity_Cnt_M_s08 tgt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc.value	tgt_CDDInterface_Per4_ThermalDCSrlComS tgt_CDDInterface_Per4_TrqRmpSrlComSvcD tgt_CDDInterface_Per4_WIRMfgEnabled_Cn Actual Value 0 1 0 0	vcDft_Cnt_lgc bft_Cnt_lgc t_lgc Expected Value 0 1 0 0 1	*
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ThermalDCSrlComSvcDft_Cnt_tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_TrqRmpSrlComSvcDft_Cnt_tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_WIRMfgEnabled_Cnt_lgc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_WIRMfgEnabled_Cnt_lgc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_Blinterface_Per4_Blinterface_Per4_Blinterface_Per4_Blinterface_Per4_DampingSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc.value tgt_CDDInterface_Per4_DisableCEBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DisableCEBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc.value	tgt_CDDInterface_Per4_ThermalDCSrlComS tgt_CDDInterface_Per4_TrqRmpSrlComSvcD tgt_CDDInterface_Per4_WIRMfgEnabled_Cn Actual Value 0 1 0 0 1 1 1 1	vcDft_Cnt_lgc bft_Cnt_lgc t_lgc Expected Value 0 1 0 0 1 1 1 1	*
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ThermalDCSrlComSvcDft_Cnt_tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_TrqRmpSrlComSvcDft_Cnt_tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_WIRMfgEnabled_Cnt_lgc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_WIRMfgEnabled_Cnt_lgc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_WIRMfgEnabled_Cnt_lgc	tgt_CDDInterface_Per4_ThermalDCSrlComS tgt_CDDInterface_Per4_TrqRmpSrlComSvcD tgt_CDDInterface_Per4_WIRMfgEnabled_Cn Actual Value 0 1 0 0 1 1 1 1 0	vcDft_Cnt_lgc bft_Cnt_lgc t_lgc Expected Value 0 1 0 0 1 1 0 0 1 1 1 1	*
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ThermalDCSrlComSvcDft_Cnt_tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_TrqRmpSrlComSvcDft_Cnt_tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_WIRMfgEnabled_Cnt_lgc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_WIRMfgEnabled_Cnt_lgc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_WIRMfgEnabled_Cnt_lgc	tgt_CDDInterface_Per4_ThermalDCSrlComS tgt_CDDInterface_Per4_TrqRmpSrlComSvcD tgt_CDDInterface_Per4_WIRMfgEnabled_Cn Actual Value 0 1 0 0 1 1 1 0 8.85999966	vcDft_Cnt_lgc bft_Cnt_lgc t_lgc Expected Value 0 1 0 0 1 1 0 0 1 1 1 0 8.85999966 ± 0.000009	*
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ThermalDCSrlComSvcDft_Cnt_tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_TrqRmpSrlComSvcDft_Cnt_tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_WIRMfgEnabled_Cnt_lgc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_WIRMfgEnabled_Cnt_lgc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_WIRMfgEnabled_Cnt_lgc	tgt_CDDInterface_Per4_ThermalDCSrlComS tgt_CDDInterface_Per4_TrqRmpSrlComSvcD tgt_CDDInterface_Per4_WIRMfgEnabled_Cn Actual Value 0 1 0 0 1 0 0 8.85999966 0	vcDft_Cnt_lgc bft_Cnt_lgc t_lgc Expected Value 0 1 0 0 1 1 0 0 1 1 1 0 8.85999966 ± 0.000009 0	*
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ThermalDCSrlComSvcDft_Cnt_tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_TrqRmpSrlComSvcDft_Cnt_tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_WIRMfgEnabled_Cnt_lgc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_WIRMfgEnabled_Cnt_lgc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_WIRMfgEnabled_Cnt_lgc	tgt_CDDInterface_Per4_ThermalDCSrlComS tgt_CDDInterface_Per4_TrqRmpSrlComSvcD tgt_CDDInterface_Per4_WIRMfgEnabled_Cn Actual Value 0 1 0 0 1 1 1 0 8.85999966	vcDft_Cnt_lgc bft_Cnt_lgc t_lgc Expected Value 0 1 0 0 1 1 0 0 1 1 1 0 8.85999966 ± 0.000009	*
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ThermalDCSrlComSvcDft_Cnt_tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_TrqRmpSrlComSvcDft_Cnt_tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_WIRMfgEnabled_Cnt_lgc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_WIRMfgEnabled_Cnt_lgc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_WIRMfgEnabled_Cnt_lgc	tgt_CDDInterface_Per4_ThermalDCSrlComS tgt_CDDInterface_Per4_TrqRmpSrlComSvcD tgt_CDDInterface_Per4_WIRMfgEnabled_Cn Actual Value 0 1 0 0 1 0 0 8.85999966 0	vcDft_Cnt_lgc bft_Cnt_lgc t_lgc Expected Value 0 1 0 0 1 0 0 1 1 1 0 8.85999966 ± 0.000009 0 1	*
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ThermalDCSrlComSvcDft_Cnt_tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_TrqRmpSrlComSvcDft_Cnt_tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_WIRMfgEnabled_Cnt_lgc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_WIRMfgEnabled_Cnt_lgc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_WIRMfgEnabled_Cnt_lgc	tgt_CDDInterface_Per4_ThermalDCSrlComS tgt_CDDInterface_Per4_TrqRmpSrlComSvcD tgt_CDDInterface_Per4_WIRMfgEnabled_Cn Actual Value 0 1 0 0 1 1 1 0 8.85999966 0 1 1	vcDft_Cnt_lgc bft_Cnt_lgc t_lgc Expected Value 0 1 0 0 1 1 0 8.85999966 ± 0.000009 1 1	*
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Igt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ThermalDCSrlComSvcDft_Cnt_tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_TrqRmpSrlComSvcDft_Cnt_lgc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_WIRMfgEnabled_Cnt_lgc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_WIRMfgEnabled_Cnt_lgc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_WIRMfgEnabled_Cnt_lgc	tgt_CDDInterface_Per4_ThermailDCSrlComS tgt_CDDInterface_Per4_TrqRmpSrlComSvcD tgt_CDDInterface_Per4_WIRMfgEnabled_Cn Actual Value 0 1 0 0 1 1 0 8.855999966 0 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	vcDft_Cnt_igc oft_Cnt_igc t_lgc Expected Value 0 1 0 0 1 1 0 8.85999966 ± 0.000009 0 1 1 0 0 0 0 0 0 0 0 0 0	*
Igt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ThermalDCSrlComSvcDft_Cnt_tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_TrqRmpSrlComSvcDft_Cnt_lgc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_WIRMfgEnabled_Cnt_lgc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_WIRMfgEnabled_Cnt_lgc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_WIRMfgEnabled_Cnt_lgc	tgt_CDDInterface_Per4_ThermailDCSrlComS tgt_CDDInterface_Per4_TrqRmpSrlComSvcD tgt_CDDInterface_Per4_WIRMfgEnabled_Cn Actual Value 0 1 0 0 1 1 1 0 8.855999966 0 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	vcDft_Cnt_igc oft_Cnt_igc t_lgc Expected Value 0 1 0 0 1 1 0 8.85999966 ± 0.000009 0 1 1 0 0 0 0 0 0 0 0 0 0	*
Igt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ThermalDCSrlComSvcDft_Cnt_tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_TrqRmpSrlComSvcDft_Cnt_lgc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_WIRMfgEnabled_Cnt_lgc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_WIRMfgEnabled_Cnt_lgc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_WIRMfgEnabled_Cnt_lgc	tgt_CDDInterface_Per4_ThermailDCSrlComS tgt_CDDInterface_Per4_TrqRmpSrlComSvcD tgt_CDDInterface_Per4_WIRMfgEnabled_Cn Actual Value 0 1 0 0 1 0 8.855999966 0 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	vcDft_Cnt_igc oft_Cnt_igc t_lgc Expected Value 0 1 0 0 1 1 0 8.85999966 ± 0.000009 0 1 1 0 0 0 0 0 0 0 0 0 0	*
Igt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ThermalDCSrlComSvcDft_Cnt_tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_TrqRmpSrlComSvcDft_Cnt_lgc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_WIRMfgEnabled_Cnt_lgc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_WIRMfgEnabled_Cnt_lgc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_WIRMfgEnabled_Cnt_lgc	tgt_CDDInterface_Per4_ThermailDCSrlComS tgt_CDDInterface_Per4_TrqRmpSrlComSvcD tgt_CDDInterface_Per4_WIRMfgEnabled_Cn Actual Value 0 1 0 0 0 1 1 1 0 8.85999966 0 1 1 1 1 0 0 0 0 1 1 1 1 1 1 1 1 1 1	vcDft_Cnt_igc oft_Cnt_igc t_lgc Expected Value 0 1 0 0 1 1 0 8.85999966 ± 0.000009 0 1 1 0 0 0 0 1 1 1 0 0 0	*
Igt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ThermaIDCSrlComSvcDft_Cnt_tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_TrqRmpSrlComSvcDft_Cnt_lgc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_WIRMfgEnabled_Cnt_lgc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_WIRMfgEnabled_Cnt_lgc Name CDD_ModIdxSrlComSvcDft_Cnt_G_u16 PrevMtrElecMechPolarity_Cnt_M_s08 tgt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc.value tgt_CDDInterface_Per4_DisableCEBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DivingDynSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DivingDynSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTThermalSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTThermalSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_FricLrnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_FricLrnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HysAddSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_KinIntDiagSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_KinIntDiagSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MEC_Cnt_enum.value tgt_CDDInterface_Per4_MfgDiagInhibit_Cnt_lgc.value tgt_CDDInterface_Per4_MdldxSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MdldxSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ModIdxSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MfgDiagInhibit_Cnt_lgc.value tgt_CDDInterface_Per4_ModIdxSrlComSvcDft_Cnt_lgc.value	tgt_CDDInterface_Per4_ThermailDCSrlComS tgt_CDDInterface_Per4_TrqRmpSrlComSvcD tgt_CDDInterface_Per4_WIRMfgEnabled_Cn Actual Value 0 1 0 0 0 1 1 1 0 8.855999966 0 1 1 1 0 0 0 0 0 1 1 1 1 1 1 1 1 1 1	vcDft_Cnt_igc oft_Cnt_igc t_lgc Expected Value 0 1 0 0 0 1 1 0 8.855999966 ± 0.000009 0 1 1 1 0 0 0 0 0 0 1 1 1 1 0 0 0 0	*
Igt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ThermalDCSrlComSvcDft_Cnt_tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_TrqRmpSrlComSvcDft_Cnt_lgc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_WIRMfgEnabled_Cnt_lgc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_WIRMfgEnabled_Cnt_lgc Name CDD_ModIdxSrlComSvcDft_Cnt_G_u16 PrevMtrElecMechPolarity_Cnt_M_s08 tgt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc.value tgt_CDDInterface_Per4_DisableCEBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DownldAsstGain_Uls_f32.value tgt_CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTThermalSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTThermalSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_FreQDepDmpSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_FreQDepDmpSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_FricLrnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_KinIntDiagSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MintDiagSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MintDiagSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MfgDiagInhibit_Cnt_lgc.value tgt_CDDInterface_Per4_ModIdxSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ModIdxSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ModIdxSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MintParmNrmLrnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MintParmNrmLrnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MintParmNrmLrnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MintParmNrmLrnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MintParmNrmLrnSrlComSvcDft_Cnt_lgc.value	tgt_CDDInterface_Per4_ThermailDCSrlComS tgt_CDDInterface_Per4_TrqRmpSrlComSvcD tgt_CDDInterface_Per4_WIRMfgEnabled_Cn Actual Value 0 1 0 0 0 1 1 1 0 8.855999966 0 1 1 1 1 0 0 0 0 1 1 1 1 0 0 0 1 1 1 1 0 0 0 0 0 1 1 1 1 0	vcDft_Cnt_igc oft_Cnt_igc t_lgc Expected Value 0 1 0 0 0 1 1 0 8.85999966 ± 0.000009 0 1 1 1 0 0 0 0 0 0 1 1 1 1 0 0 0 0	*
Igt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ThermaIDCSrlComSvcDft_Cnt_tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_TrqRmpSrlComSvcDft_Cnt_lgc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_WIRMfgEnabled_Cnt_lgc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_WIRMfgEnabled_Cnt_lgc Name CDD_ModldxSrlComSvcDft_Cnt_G_u16 PrevMtrElecMechPolarity_Cnt_M_s08 tgt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc.value tgt_CDDInterface_Per4_DisableCEBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DivingDynSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DevnldAsstGain_Uls_f32.value tgt_CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTThermalSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_Frict_rnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HysAddSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HysCompSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HysCompSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HintDiagSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MfgDiagInhibit_Cnt_lgc.value tgt_CDDInterface_Per4_ModldxSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ModldxSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MitrParmNrmLrmSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MitrParmNrmLrmSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MitrParmNrmLrmSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MitrParmNrmLrmSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MitrParmNrmLrmSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MitrParmNrmLrmSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MitrParmNrmLrmSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MitrParmNrmLrmSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ParkAstSrlComSvcDf	tgt_CDDInterface_Per4_ThermalDCSrlComS tgt_CDDInterface_Per4_TrqRmpSrlComSvcD tgt_CDDInterface_Per4_WIRMfgEnabled_Cn Actual Value 0 1 0 0 0 1 1 1 0 8.855999966 0 1 1 1 1 0 0 0 0 1 1 1 1 1 0 1 1 1 1	vcDft_Cnt_igc oft_Cnt_igc t_lgc Expected Value 0 1 0 0 1 1 0 8.855999966 ± 0.000009 0 1 1 1 0 0 0 0 1 1 1 0 0	*
Igt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ThermaIDCSrlComSvcDft_Cnt_tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_TrqRmpSrlComSvcDft_Cnt_lgc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_WIRMfgEnabled_Cnt_lgc tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_WIRMfgEnabled_Cnt_lgc Name CDD_ModldxSrlComSvcDft_Cnt_G_u16 PrevMtrElecMechPolarity_Cnt_M_s08 tgt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc.value tgt_CDDInterface_Per4_DisableCEBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc.value tgt_CDDInterface_Per4_DivingDynSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_DevnldAsstGain_Uls_f32.value tgt_CDDInterface_Per4_EoTImpactSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EOTThermalSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_Frict_rnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_Frict_rnSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HysCompSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HysCompSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HysCompSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_HinitSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MfgDiagInhibit_Cnt_lgc.value tgt_CDDInterface_Per4_ModldxSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MitrParmNrmLrmSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MitrParmNrmLrmSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MitrParmNrmLrmSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MitrParmNrmLrmSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MitrParmNrmLrmSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_MitrParmNrmLrmSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc.value tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc.valu	tgt_CDDInterface_Per4_ThermalDCSrlComS tgt_CDDInterface_Per4_TrqRmpSrlComSvcD tgt_CDDInterface_Per4_WIRMfgEnabled_Cn Actual Value 0 1 0 0 0 1 1 1 0 8.855999966 0 1 1 1 1 0 0 0 0 1 1 1 1 0 0 0 1 1 1 1 0 0 0 1 1 1 1 0 0 1 1 1 1 0 0 1 1 1 1 0 0 1 1 1 1 0 0 1 1 1 1 0 0 1 1 1 1 0 1 0 1 1 1 0 1 0 1 1 1 0 1 0 1 1 1 0 1 0 1 1 0 1 0 1 1 0 1 0 1 1 0 0 1 1 1 0 0 1 1 1 0 0 1 1 1 0 0 1 1 1 0 0 1 1 1 0 0 1 1 1 0 0 1 1 0 0 1 1 1 0 0 1 1 0 0 1 1 0 0 0 1 1 1 0 0 1 1 0 0 0 1 1 1 0 0 0 1 1 1 0 0 1 1 0 0 1 1 0 0 0 1 1 1 0 0 1 1 0 0 0 1 1 1 0 0 0 1 1 1 0 0 0 1 1 1 0 0 1 1 0 0 0 1 1 1 0 0 1 1 0 0 0 1 1 1 0 0 1 1 0 0 1 1 0 0 1 1 1 0 0 1 1 0 0 1 1 1 0 0 1 1 0 0 1 1 1 0 0 1 1 1 0 0 1 1 1 0 0 1 1 1 0 0 1 1 1 0 0 1 1 0 0 1 1 1 0 0 1 1 0 0 1 1 1 0 0 0 1 1 1 0 0 0 1 1 1 0 0 0 0 1 1 1 0	vcDft_Cnt_igc bft_Cnt_igc t_lgc Expected Value 0 1 0 0 1 1 0 8.85999966 ± 0.000009 0 1 1 1 0 0 0 0 1 1 1 0 0	*
Igt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ThermalDCSrlComSvcDft_Cnt_tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_TrqRmpSrlComSvcDft_Cnt_tgc_tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_WIRMfgEnabled_Cnt_tgc_Name CDD_ModIdxSrlComSvcDft_Cnt_G_u16 PrevMtrElecMechPolarity_Cnt_M_s08 tgt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_tgc.value tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_tgc.value tgt_CDDInterface_Per4_DftAsstTbl_Cnt_tgc.value tgt_CDDInterface_Per4_DisableCEBusNormComm_Cnt_tgc.value tgt_CDDInterface_Per4_DisableCEBusNormComm_Cnt_tgc.value tgt_CDDInterface_Per4_DisableCBBusNormComm_Cnt_tgc.value tgt_CDDInterface_Per4_DivingDynSrlComSvcDft_Cnt_tgc.value tgt_CDDInterface_Per4_DivingDynSrlComSvcDft_Cnt_tgc.value tgt_CDDInterface_Per4_DivingDynSrlComSvcDft_Cnt_tgc.value tgt_CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_tgc.value tgt_CDDInterface_Per4_EOTThermalSrlComSvcDft_Cnt_tgc.value tgt_CDDInterface_Per4_EngONSrlComSvcDft_Cnt_tgc.value tgt_CDDInterface_Per4_EngONSrlComSvcDft_Cnt_tgc.value tgt_CDDInterface_Per4_FreqDepDmpSrlComSvcDft_Cnt_tgc.value tgt_CDDInterface_Per4_HysAddSrlComSvcDft_Cnt_tgc.value tgt_CDDInterface_Per4_HysAddSrlComSvcDft_Cnt_tgc.value tgt_CDDInterface_Per4_KinIntDiagSrlComSvcDft_Cnt_tgc.value tgt_CDDInterface_Per4_MfgDiagInhibit_Cnt_tgc.value tgt_CDDInterface_Per4_MfgDiagInhibit_Cnt_tgc.value tgt_CDDInterface_Per4_MfdDiagNrlComSvcDft_Cnt_tgc.value tgt_CDDInterface_Per4_MftParmNrmLrnSrlComSvcDft_Cnt_tgc.value tgt_CDDInterface_Per4_MftParmNrmLrnSrlComSvcDft_Cnt_tgc.value tgt_CDDInterface_Per4_MftParmNrmLrnSrlComSvcDft_Cnt_tgc.value tgt_CDDInterface_Per4_MftltgnSrlComSvcDft_Cnt_tgc.value tgt_CDDInterface_Per4_MultignSrlComSvcDft_Cnt_tgc.value tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_tgc.value tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_tgc.value tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_tgc.value tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_tgc.value tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_tgc.value	tgt_CDDInterface_Per4_ThermailDCSrlComS tgt_CDDInterface_Per4_TrqRmpSrlComSvcD tgt_CDDInterface_Per4_WIRMfgEnabled_Cn Actual Value 0 1 0 0 1 1 1 0 8.85999966 0 1 1 1 1 0 0 0 0 1 1 1 1 0 0 0 0 1 1 1 1 0 0 0 0 1 1 1 1 0 0 0 0 1 1 1 1 0 0 0 0 0 1 1 1 1 0	vcDft_Cnt_lgc t_lgc Expected Value 0 1 0 0 0 1 1 1 0 0 8.85999966 ± 0.000009 0 1 1 1 1 0 0 0 0 0 1 1 1 1 0 0 0 0	*
Igt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ThermalDCSrlComSvcDft_Cnt_tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_TrqRmpSrlComSvcDft_Cnt_tgc_tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_WIRMfgEnabled_Cnt_tgc_Name CDD_ModIdxSrlComSvcDft_Cnt_G_u16 PrevMtrElecMechPolarity_Cnt_M_s08 tgt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_tgc.value tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_tgc.value tgt_CDDInterface_Per4_DftAsstTbl_Cnt_tgc.value tgt_CDDInterface_Per4_DisableCEBusNormComm_Cnt_tgc.value tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_tgc.value tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_tgc.value tgt_CDDInterface_Per4_DivingDynSrlComSvcDft_Cnt_tgc.value tgt_CDDInterface_Per4_DivingDynSrlComSvcDft_Cnt_tgc.value tgt_CDDInterface_Per4_DivingDynSrlComSvcDft_Cnt_tgc.value tgt_CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_tgc.value tgt_CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_tgc.value tgt_CDDInterface_Per4_EngONSrlComSvcDft_Cnt_tgc.value tgt_CDDInterface_Per4_FreqDepDmpSrlComSvcDft_Cnt_tgc.value tgt_CDDInterface_Per4_HysAddSrlComSvcDft_Cnt_tgc.value tgt_CDDInterface_Per4_HysAddSrlComSvcDft_Cnt_tgc.value tgt_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_tgc.value tgt_CDDInterface_Per4_MinttDiagSrlComSvcDft_Cnt_tgc.value tgt_CDDInterface_Per4_MfgDiagInhibit_Cnt_tgc.value tgt_CDDInterface_Per4_MfgDiagInhibit_Cnt_tgc.value tgt_CDDInterface_Per4_ModIdxSrlComSvcDft_Cnt_tgc.value tgt_CDDInterface_Per4_MittPelNrmLrmSrlComSvcDft_Cnt_tgc.value tgt_CDDInterface_Per4_MittPelNrmLrmSrlComSvcDft_Cnt_tgc.value tgt_CDDInterface_Per4_MittPelNrmLrmSrlComSvcDft_Cnt_tgc.value tgt_CDDInterface_Per4_MittPelNrmLrmSrlComSvcDft_Cnt_tgc.value tgt_CDDInterface_Per4_MittPelNrmLrmSrlComSvcDft_Cnt_tgc.value tgt_CDDInterface_Per4_MittPelNrmLrmSrlComSvcDft_Cnt_tgc.value tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_tgc.value tgt_CDDInterface_Per4_PallCompLrmSrlComSvcDft_Cnt_tgc.value tgt_CDDInterface_Per4_PallCompLrmSrlComSvcDft_Cnt_tgc.value tgt_CDDInterface_Per4_PallCompLrmSrlComSvcDft_Cnt_tgc.va	tgt_CDDInterface_Per4_ThermailDCSrlComS tgt_CDDInterface_Per4_TrqRmpSrlComSvcD tgt_CDDInterface_Per4_WIRMfgEnabled_Cn Actual Value 0 1 0 0 0 1 1 1 0 8.85999966 0 1 1 1 1 0 0 0 0 0 1 1 1 1 0 0 0 0 1 1 1 1 0 0 0 0 0 1 1 1 1 0	vcDft_Cnt_lgc t_lgc Expected Value 0 1 0 0 0 1 1 0 0 8.85999966 ± 0.000009 0 1 1 1 1 0 0 0 0 0 0 1 1 1 1 0 0 0 0	*
Igt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ThermalDCSrlComSvcDft_Cnt_tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_TrqRmpSrlComSvcDft_Cnt_tgc_tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_WIRMfgEnabled_Cnt_tgc_Name CDD_ModIdxSrlComSvcDft_Cnt_G_u16 PrevMtrElecMechPolarity_Cnt_M_s08 tgt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_tgc.value tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_tgc.value tgt_CDDInterface_Per4_DftAsstTbl_Cnt_tgc.value tgt_CDDInterface_Per4_DisableCEBusNormComm_Cnt_tgc.value tgt_CDDInterface_Per4_DisableCEBusNormComm_Cnt_tgc.value tgt_CDDInterface_Per4_DisableCBBusNormComm_Cnt_tgc.value tgt_CDDInterface_Per4_DivingDynSrlComSvcDft_Cnt_tgc.value tgt_CDDInterface_Per4_DivingDynSrlComSvcDft_Cnt_tgc.value tgt_CDDInterface_Per4_DivingDynSrlComSvcDft_Cnt_tgc.value tgt_CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_tgc.value tgt_CDDInterface_Per4_EOTThermalSrlComSvcDft_Cnt_tgc.value tgt_CDDInterface_Per4_EngONSrlComSvcDft_Cnt_tgc.value tgt_CDDInterface_Per4_EngONSrlComSvcDft_Cnt_tgc.value tgt_CDDInterface_Per4_FreqDepDmpSrlComSvcDft_Cnt_tgc.value tgt_CDDInterface_Per4_HysAddSrlComSvcDft_Cnt_tgc.value tgt_CDDInterface_Per4_HysAddSrlComSvcDft_Cnt_tgc.value tgt_CDDInterface_Per4_KinIntDiagSrlComSvcDft_Cnt_tgc.value tgt_CDDInterface_Per4_MfgDiagInhibit_Cnt_tgc.value tgt_CDDInterface_Per4_MfgDiagInhibit_Cnt_tgc.value tgt_CDDInterface_Per4_MfdDiagNrlComSvcDft_Cnt_tgc.value tgt_CDDInterface_Per4_MftParmNrmLrnSrlComSvcDft_Cnt_tgc.value tgt_CDDInterface_Per4_MftParmNrmLrnSrlComSvcDft_Cnt_tgc.value tgt_CDDInterface_Per4_MftParmNrmLrnSrlComSvcDft_Cnt_tgc.value tgt_CDDInterface_Per4_MftltgnSrlComSvcDft_Cnt_tgc.value tgt_CDDInterface_Per4_MultignSrlComSvcDft_Cnt_tgc.value tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_tgc.value tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_tgc.value tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_tgc.value tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_tgc.value tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_tgc.value	tgt_CDDInterface_Per4_ThermailDCSrlComS tgt_CDDInterface_Per4_TrqRmpSrlComSvcD tgt_CDDInterface_Per4_WIRMfgEnabled_Cn Actual Value 0 1 0 0 1 1 1 0 8.85999966 0 1 1 1 1 0 0 0 0 1 1 1 1 0 0 0 0 1 1 1 1 0 0 0 0 1 1 1 1 0 0 0 0 1 1 1 1 0 0 0 0 0 1 1 1 1 0	vcDft_Cnt_lgc t_lgc Expected Value 0 1 0 0 0 1 1 1 0 0 8.85999966 ± 0.000009 0 1 1 1 1 0 0 0 0 0 1 1 1 1 0 0 0 0	*

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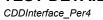


Name	Actual Value	Expected Value	Result
tgt_CDDInterface_Per4_ThermalDCSrlComSvcDft_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_TrqRmpSrlComSvcDft_Cnt_lgc.value	1	1	✓
tgt_CDDInterface_Per4_WIRMfgEnabled_Cnt_lgc.value	0	0	✓

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Sa_CDDInterface_CDDPorts_ApplyMtrElecMechPol	1	Rte_Call_Sa_CDDInterface_CDDPorts_ApplyMtrElecMechPol	1	~

Test Step 3.14 (Repeat Count = 1)			
Name	Input Value		
CDD_BallNutTempEstDisableSvc_Cnt_G_lgc	1		
CDD_DftAsstTbl_Cnt_G_lgc	1		
CDD_DisableCEBusNormComm_Cnt_lgc	1		
CDD_DisableHSBusNormComm_Cnt_lgc	1		
CDD_DwnldAsstGain_Uls_G_f32	10		
CDD_EOLNxtrWIRSelect_Cnt_G_u16	65535		
CDD_EOLSrlComSvcDft_Cnt_G_b32	4294967295		
CDD_GenPosTrajEnableFlag_Cnt_G_lgc	1		
	1		
	1		
	1		
	1		
	1		
0 0 = = = 0	255		
	2		
	1		
/			
	tgt_Rte_Inst_Sa_CDDInterface		
32 2	1	and Condition	
	tgt_CDDInterface_Per4_BallNutTempEstSrlCc		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgr		Dtt_Cnt_lgc	
	tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DisableCEBusNormComm_Cnt	tgt_CDDInterface_Per4_DisableCEBusNormC	Comm_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DisableHSBusNormComm_Cnt	tgt_CDDInterface_Per4_DisableHSBusNormC	Comm_Cnt_lgc	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_$	tgt_CDDInterface_Per4_DrivingDynSrlComSv	cDft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DwnldAsstGain_Uls_f32	tgt_CDDInterface_Per4_DwnldAsstGain_Uls_	f32	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_$	tgt_CDDInterface_Per4_EOTImpactSrlComSv	/cDft_Cnt_lgc	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_EOTThermalSrlComSvcDft_Cnr$	tgt_CDDInterface_Per4_EOTThermalSrlComS	SvcDft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_EngONSrlComSvcDf	t_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_FreqDepDmpSrlComSvcDft_Cr	tgt_CDDInterface_Per4_FreqDepDmpSrlCom	SvcDft_Cnt_lgc	
tgt Rte Inst Sa CDDInterface.CDDInterface Per4 FricLrnSrlComSvcDft Cnt Igc	tgt_CDDInterface_Per4_FricLrnSrlComSvcDft	Cnt Igc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_HysAddSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_HysAddSrlComSvcDf	ft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_I	tgt_CDDInterface_Per4_HystCompSrlComSvd	cDft Cnt Igc	
	tgt_CDDInterface_Per4_LimitSrlComSvcDft_0		
	tgt_CDDInterface_Per4_MEC_Cnt_enum		
	tgt_CDDInterface_Per4_MfgDiagInhibit_Cnt_l	ac	
	tgt_CDDInterface_Per4_ModIdxSrlComSvcDf	-	
	tgt_CDDInterface_Per4_MtrElecMechPolarity		
	tgt_CDDInterface_Per4_MtrParmNrmLrnSrlCo		
	tgt_CDDInterface_Per4_MultIgnSrlComSvcDf		
		*	
	tgt_CDDInterface_Per4_PosTrajEnable_Cnt_l		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_PullCompLrnSrlComSvcDft_Cn			
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_PullCompSrlComSvcDft_Cnt_lg$			
	tgt_CDDInterface_Per4_ReturnSrlComSvcDft		
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_RxMsgsSrlComSvcDft_Cnt_lgc$			
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_SftEndStpSrlComSvcDft_Cnt_i \\ \emptyset \\$	tgt_CDDInterface_Per4_SftEndStpSrlComSvd	cDft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_SrlComSvcDft_Cnt_b32	tgt_CDDInterface_Per4_SrlComSvcDft_Cnt_b	32	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ThermalDCSrlComSvcDft_Cnt_$	tgt_CDDInterface_Per4_ThermalDCSrlComSv	vcDft_Cnt_lgc	
$tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_TrqRmpSrlComSvcDft_Cnt_lgc$	tgt_CDDInterface_Per4_TrqRmpSrlComSvcD	ft_Cnt_lgc	
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_WIRMfgEnabled_Cnt_Igc	tgt_CDDInterface_Per4_WIRMfgEnabled_Cnt		
	Actual Value	Expected Value	Resul
		1	1.000
		1	
		1	
		1	
0		1	
	1		

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Name	Actual Value	Expected Value	Result
tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_DwnldAsstGain_UIs_f32.value	10	10 ± 0.00009	~
tgt_CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_EOTThermalSrlComSvcDft_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc.value	1	1	•
tgt_CDDInterface_Per4_FreqDepDmpSrlComSvcDft_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_FricLrnSrlComSvcDft_Cnt_lgc.value	1	1	•
tgt_CDDInterface_Per4_HysAddSrlComSvcDft_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_KinIntDiagSrlComSvcDft_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_LimitSrlComSvcDft_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_MEC_Cnt_enum.value	2	2	~
tgt_CDDInterface_Per4_MfgDiagInhibit_Cnt_lgc.value	1	1	•
tgt_CDDInterface_Per4_ModIdxSrlComSvcDft_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_MtrParmNrmLrnSrlComSvcDft_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_MtrVelNrmLrnSrlComSvcDft_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_MultIgnSrlComSvcDft_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_PosTrajEnable_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_PullCompLrnSrlComSvcDft_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_PullCompSrlComSvcDft_Cnt_lgc.value	1	1	✓
tgt_CDDInterface_Per4_ReturnSrlComSvcDft_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_RxMsgsSrlComSvcDft_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_SftEndStpSrlComSvcDft_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_SrlComSvcDft_Cnt_b32.value	4294967295	4294967295	~
tgt_CDDInterface_Per4_ThermalDCSrlComSvcDft_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_TrqRmpSrlComSvcDft_Cnt_lgc.value	1	1	~
tgt_CDDInterface_Per4_WIRMfgEnabled_Cnt_lgc.value	0	0	~

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
none	0	*** No Call Expected ***	0	~

Test Step 3.15 (Repeat Count = 1) Name	Input Value
CDD BallNutTempEstDisableSvc Cnt G lgc	0
CDD DftAsstTbl Cnt G lgc	0
CDD DisableCEBusNormComm Cnt Igc	0
CDD DisableHSBusNormComm Cnt lgc	0
CDD DwnldAsstGain Uls G f32	0
CDD EOLNxtrWIRSelect Cnt G u16	42402
CDD_EOLSrlComSvcDft_Cnt_G_b32	0
CDD GenPosTrajEnableFlag Cnt G lgc	0
CDD_PullCompDisableSvc_Cnt_G_lgc	0
CDD_PwrAsstModeSvc_Cnt_G_lgc	0
CDD_SftEndStpDisableSvc_Cnt_G_lgc	0
CDD WIRDisableSvc Cnt G lgc	0
MfgDiagInhibit_Uls_G_lgc	0
Nvm_CMEC_Cnt_u8	255
NxtrMEC_UIs_G_enum	0
PrevMtrElecMechPolarity_Cnt_M_s08	-1
Rte_Inst_Sa_CDDInterface	tgt_Rte_Inst_Sa_CDDInterface
gt_CDDInterface_Per4_MtrElecMechPolarity_Cnt_s08.value	-1
gt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_BallNutTempEstSrlComSvcDft_	tgt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_lgc
gt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgd	tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc
gt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DftAsstTbl_Cnt_lgc	tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc
gt Rte Inst Sa CDDInterface.CDDInterface Per4 DisableCEBusNormComm Cnt	tgt_CDDInterface_Per4_DisableCEBusNormComm_Cnt_lgc
$gt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DisableHSBusNormComm_Cnt$	tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc
$\verb gt_Rte_Inst_Sa_CDD Interface.CDD Interface_Per4_DrivingDynSrlComSvcDft_Cnt_Interface_Per4_DrivingDynSrlComSvcDft_Drivin$	tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc
gt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_DwnldAsstGain_Uls_f32	tgt_CDDInterface_Per4_DwnldAsstGain_Uls_f32
$\verb gt_Rte_Inst_Sa_CDD \textit{Interface}. CDD \textit{Interface}_Per4_EOT \textit{ImpactSrIComSvcDft}_Cnt_ $	tgt_CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_lgc
$gt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_EOTThermalSrlComSvcDft_Cnresults and the state of the state o$	tgt_CDDInterface_Per4_EOTThermalSrlComSvcDft_Cnt_lgc
gt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc
$gt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_FreqDepDmpSrlComSvcDft_Cr$	tgt_CDDInterface_Per4_FreqDepDmpSrlComSvcDft_Cnt_lgc
gt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_FricLrnSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_FricLrnSrlComSvcDft_Cnt_lgc
$gt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_HysAddSrlComSvcDft_Cnt_lgc$	tgt_CDDInterface_Per4_HysAddSrlComSvcDft_Cnt_lgc
gt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_I	tgt_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_lgc
gt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_KinIntDiagSrlComSvcDft_Cnt_le	tgt_CDDInterface_Per4_KinIntDiagSrlComSvcDft_Cnt_lgc
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_LimitSrlComSvcDft_Cnt_lgc	tgt_CDDInterface_Per4_LimitSrlComSvcDft_Cnt_lgc
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MEC_Cnt_enum	tgt_CDDInterface_Per4_MEC_Cnt_enum

 $tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MfgDiagInhibit_Cnt_Igc$

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 $\label{total_constraint} \mbox{tgt_Rte_inst_Sa_CDDInterface_Per4_ModidxSrlComSvcDft_Cnt_igc} \mbox{ tgt_CDDInterface_Per4_ModidxSrlComSvcDft_Cnt_igc} \mbox{ tgt_C$

Input Value

tgt_CDDInterface_Per4_MfgDiagInhibit_Cnt_lgc





tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MtrElecMechPolarity_	Cnt_s08	tgt_CDDInterface_Per4_MtrElecMechPolarit	y_Cnt_s08		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MtrParmNrmLrnSrlCo	mSvcDft_	tgt_CDDInterface_Per4_MtrParmNrmLrnSrlComSvcDft_Cnt_lgc			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MtrVelNrmLrnSrlComS	SvcDft_C	tgt_CDDInterface_Per4_MtrVelNrmLrnSrlComSvcDft_Cnt_lgc			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_MultIgnSrlComSvcDft_	Cnt_lgc	tgt_CDDInterface_Per4_MultIgnSrlComSvcDft_Cnt_Igc			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ParkAstSrlComSvcDft	_Cnt_lgc	gc tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_PosTrajEnable_Cnt_lg	jc	tgt_CDDInterface_Per4_PosTrajEnable_Cnt_lgc			
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_PullCompLrnSrlComS	vcDft_Cn				
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_PullCompSrlComSvcD	Oft_Cnt_lc	tgt_CDDInterface_Per4_PullCompSrlComSv	/cDft_Cnt_lgc		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ReturnSrlComSvcDft_	Cnt_lgc	tgt_CDDInterface_Per4_ReturnSrlComSvcD	ft_Cnt_lgc		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_RxMsgsSrlComSvcDft	_Cnt_lgc	tgt_CDDInterface_Per4_RxMsgsSrlComSvc	Dft_Cnt_lgc		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_SftEndStpSrlComSvcI	Oft_Cnt_lç	tgt_CDDInterface_Per4_SftEndStpSrlComSv	vcDft_Cnt_lgc		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_SrlComSvcDft_Cnt_b3	32	tgt_CDDInterface_Per4_SrlComSvcDft_Cnt_	_b32		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_ThermalDCSrlComSvd	cDft_Cnt_	tgt_CDDInterface_Per4_ThermalDCSrlComS	SvcDft_Cnt_lgc		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_TrqRmpSrlComSvcDft	_Cnt_lgc	tgt_CDDInterface_Per4_TrqRmpSrlComSvc	Dft_Cnt_lgc		
tgt_Rte_Inst_Sa_CDDInterface.CDDInterface_Per4_WIRMfgEnabled_Cnt_	lgc	tgt_CDDInterface_Per4_WIRMfgEnabled_Ci	nt_lgc		
Name		Actual Value	Expected Value		Result
CDD_ModIdxSrlComSvcDft_Cnt_G_u16		0	0		~
PrevMtrElecMechPolarity_Cnt_M_s08		-1	-1		✓
tgt_CDDInterface_Per4_BallNutTempEstSrlComSvcDft_Cnt_lgc.value		0	0		~
tgt_CDDInterface_Per4_DampingSrlComSvcDft_Cnt_lgc.value		0	0		✓
tgt_CDDInterface_Per4_DftAsstTbl_Cnt_lgc.value		0	0		_
tgt_CDDInterface_Per4_DisableCEBusNormComm_Cnt_lgc.value		0	0		•
tgt_CDDInterface_Per4_DisableHSBusNormComm_Cnt_lgc.value		0	0		_
tgt_CDDInterface_Per4_DrivingDynSrlComSvcDft_Cnt_lgc.value		0	0		~
tgt CDDInterface Per4 DwnldAsstGain Uls f32.value		0	0 ± 0.000009		_
tgt_CDDInterface_Per4_EOTImpactSrlComSvcDft_Cnt_lgc.value		0	0		•
tgt CDDInterface Per4 EOTThermalSrlComSvcDft Cnt lgc.value		0	0		_
tgt_CDDInterface_Per4_EngONSrlComSvcDft_Cnt_lgc.value		0	0		•
tgt CDDInterface Per4 FreqDepDmpSrlComSvcDft Cnt lgc.value		0	0		_
tgt CDDInterface Per4 FricLrnSrlComSvcDft Cnt lgc.value		0	0		•
tgt_CDDInterface_Per4_HysAddSrlComSvcDft_Cnt_lgc.value		0	0		_
tgt_CDDInterface_Per4_HystCompSrlComSvcDft_Cnt_lgc.value		0	0		•
tgt_CDDInterface_Per4_KinIntDiagSrlComSvcDft_Cnt_lgc.value		0	0		_
tgt CDDInterface Per4 LimitSrlComSvcDft Cnt lgc.value		0	0		•
tgt_CDDInterface_Per4_MEC_Cnt_enum.value		0	0		~
tgt_CDDInterface_Per4_MfgDiagInhibit_Cnt_lgc.value		0	0		~
tgt_CDDInterface_Per4_ModIdxSrlComSvcDft_Cnt_lgc.value		0	0		~
tgt_CDDInterface_Per4_MtrParmNrmLrnSrlComSvcDft_Cnt_lgc.value		0	0		✓
tgt_CDDInterface_Per4_MtrVelNrmLrnSrlComSvcDft_Cnt_lgc.value		0	0		_
tgt_CDDInterface_Per4_MultIgnSrlComSvcDft_Cnt_lgc.value		0	0		~
tgt_CDDInterface_Per4_ParkAstSrlComSvcDft_Cnt_lgc.value		0	0		-
tgt_CDDInterface_Per4_PosTrajEnable_Cnt_lgc.value		0	0		-
tgt_CDDInterface_Per4_PullCompLrnSrlComSvcDft_Cnt_lgc.value		0	0		-
tgt CDDInterface Per4 PullCompSrlComSvcDft Cnt lgc.value		0	0		✓
tgt CDDInterface Per4 ReturnSrlComSvcDft Cnt Igc.value		0	0		_
tgt_CDDInterface_Per4_RxMsgsSrlComSvcDft_Cnt_lgc.value		0	0		~
tgt_CDDInterface_Per4_SftEndStpSrlComSvcDft_Cnt_lgc.value		0	0		-
tgt_CDDInterface_Per4_SrlComSvcDft_Cnt_b32.value		0	0		•
tgt_CDDInterface_Per4_ThermalDCSrlComSvcDft_Cnt_lgc.value		0	0		-
tgt CDDInterface Per4 TrqRmpSrlComSvcDft Cnt lgc.value		0	0		•
tgt_CDDInterface_Per4_WIRMfgEnabled_Cnt_lgc.value		1	1		-
Test Step Call Trace					✓
Actual Function	Count	Expected Function		Count	Result
none	0	*** No Call Expected ***		0	~

CDDPorts_ApplyMtrElecMechPol

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Project CDDInterface

Module CDDInterface

Test Object CDDPorts_ApplyMtrElecMechPol

Instrumentation: Test Object Only

Statement (C0) Coverage 100 %
Branch (C1) Coverage 100 %

Statistics

Total Testcases	1	
Successful	1	~
Failed	0	
Not Executed	0	

Module Properties

Project Root Directory	D:\Synergy_Work_Area\CDDInterface_c1xx
Configuration File	D:\Synergy_Work_Area\CDDInterface_c1xx\UnitTestEnv\config\TMS570_GCC_UDE_CCS4_Config.xml
Target Environment	TI TMS 570 PLS UDE (Default)
Kind of Test	Unit Test
Linker Options	
Source File(s)	
File	\$(PROJECTROOT)\CDDInterface\src\Sa_CDDInterface.c
Compiler Options	-D_DATA_ACCESS= -Dconst= -Dstatic= -I\$(PROJECTROOT)\CDDInterface\utp\contract -I\$(PROJECTROOT)\StdDef\include -I\$ (PROJECTROOT)\NxtrLib\include -I\$(Compiler Install Path)\include
File	\$(PROJECTROOT)\NxtrLib\src\interpolation.c
Compiler Options	-D_DATA_ACCESS= -Dconst= -Dstatic= -I\$(PROJECTROOT)\CDDInterface\utp\contract -I\$(PROJECTROOT)\StdDef\include -I\$ (PROJECTROOT)\NxtrLib\include -I\$(Compiler Install Path)\include

Name	Text
Module 'CDDInterface'	Unit Test Description** Name of Tester:Ankita Bhardwaj Code File(s) Under Test:Sa_CDDInterface.c Code File(s) Version:17 Module Design Document:NA Module Design Document Version:NA Data Dictionary Version:1 Unit Test Plan Version:2 Optimization Level:Level 2 Compiler (CodeGen) Version:TMS470_4.9.5 Model Type:Excel Macro Model Version:Nexteer EPS Unit Test Tool 2.7d/EPS Library 1.31 Total FLASH Used (Bytes):2290 Total RAM Used (Bytes):13 Total CALS Used (Bytes):0 Special Test Requirements: Test Date:02-18-15 Comments:"Note 1: Inline function defined in GlobalMacro.h are not Unit Tested. Note 2: ""CBD_Sandbox_dbg.map"" file is embedded for reference. Note 3: Low Path Coverage in ""CDDInterface_Per4"" function because NxtrMEC_Uls_G_enum != ProductionMode) = FALSE and (NxtrMEC_Uls_G_enum == ProductionMode)=FALSE can not be satisfied."

Attributes	
Name	Value
Compiler Install Path	\$(ProgramFiles)\Texas Instruments\ccsv4\tools\compiler\tms470_4.9.5
Float Precision	9
InitObjDir	\$(PROJECTROOT)\UnitTestEnv\static_build_files\obj
InitSrcDir	\$(PROJECTROOT)\UnitTestEnv\static_build_files\src
Linker File	<pre>\$(PROJECTROOT)\UnitTestEnv\static_build_files\sys_link.cmd</pre>
Makefile Template	<pre>\$(PROJECTROOT)\UnitTestEnv\config\Nexteer_ts_make_ude_ti_tms570.tpl</pre>
Target Install Path	\$(Compiler Install Path)\include
Time Unit	Cycles
Timer Enable	false
Timer Prescale	0

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CDDPorts_ApplyMtrElecMechPol

Attributes	
Name	Value
Timer Resolution	1.0
UDE Config File	\$(PROJECTROOT)\UnitTestEnv\config\TMS570_UDE_12PIN_JTAG.cfg
Workspace File	D:\Synergy_Work_Area\CDDInterface_clxx\UnitTestEnv\config\UDE_TMS570_DEBUG.WSP



Test Case 1: Boundary Test

CDDPorts_ApplyMtrElecMechPol

Specification

Performance Metrics (With "None" Instrumentation and WithPS Environment) CPU Cycles:

TS 1.1 507.00 Cycles TS 1.2 456.00 Cycles

Description Vector Description:

TS1.1MtrElecMechPol_Cnt_s8 = min TS1.2MtrElecMechPol_Cnt_s8 = max

Test Step 1.1 (Repeat Count = 1)			✓
Name	Input Value		
MtrElecMechPol_Cnt_s8	-1		
Name	Actual Value	Expected Value	Result
CDD MtrElecPol Cnt G s8	-1	-1	✓

Test Step Call Trace			V	
Actual Function	Count	Expected Function	Count	Result
CDD_ApplyPWMMtrElecMechPol	1	CDD_ApplyPWMMtrElecMechPol	1	~

Test Step 1.2 (Repeat Count = 1)			✓
Name	Input Value		
MtrElecMechPol_Cnt_s8	1		
Name	Actual Value	Expected Value	Result
CDD_MtrElecPol_Cnt_G_s8	1	1	~

Test Step Call Trace			✓	
Actual Function	Count	Expected Function	Count	Result
CDD_ApplyPWMMtrElecMechPol	1	CDD_ApplyPWMMtrElecMechPol	1	~

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CDDInterface_Init2

 Project
 CDDInterface

 Module
 CDDInterface

 Test Object
 CDDInterface_Init2

Instrumentation: Test Object Only

Statement (C0) Coverage	100 %
Branch (C1) Coverage	100 %

Statistics

Total Testcases	1
Successful	1
Failed	0
Not Executed	0

Module Properties

Project Root Directory	D:\Synergy_Work_Area\CDDInterface_c1xx
Configuration File	D:\Synergy_Work_Area\CDDInterface_c1xx\UnitTestEnv\config\TMS570_GCC_UDE_CCS4_Config.xml
Target Environment	TI TMS 570 PLS UDE (Default)
Kind of Test	Unit Test
Linker Options	
Source File(s)	
File	\$(PROJECTROOT)\CDDInterface\src\Sa_CDDInterface.c
Compiler Options	-D_DATA_ACCESS= -Dconst= -Dstatic= -I\$(PROJECTROOT)\CDDInterface\utp\contract -I\$(PROJECTROOT)\StdDef\include -I\$ (PROJECTROOT)\NxtrLib\include -I\$(Compiler Install Path)\include
File	\$(PROJECTROOT)\NxtrLib\src\interpolation.c
Compiler Options	-D_DATA_ACCESS= -Dconst= -Dstatic= -I\$(PROJECTROOT)\CDDInterface\utp\contract -I\$(PROJECTROOT)\StdDef\include -I\$ (PROJECTROOT)\NxtrLib\include -I\$(Compiler Install Path)\include

Name	Text
Module 'CDDInterface'	Unit Test Description* Name of Tester:Ankita Bhardwaj Code File(s) Under Test:Sa_CDDInterface.c Code File(s) Version:17 Module Design Document:NA Module Design Document Version:NA Data Dictionary Version:1 Unit Test Plan Version:2 Optimization Level:Level 2 Compiler (CodeGen) Version:TMS470_4.9.5 Model Type:Excel Macro Model Version:Nexteer EPS Unit Test Tool 2.7d/EPS Library 1.31 Total FLASH Used (Bytes):2290 Total RAM Used (Bytes):2390 Total RAM Used (Bytes):0 Special Test Requirements: Test Date:02-18-15 Comments:"Note 1: Inline function defined in GlobalMacro.h are not Unit Tested. Note 2: ""CBD_Sandbox_dbg.map"" file is embedded for reference. Note 3: Low Path Coverage in ""CDDInterface_Per4"" function because NxtrMEC_Uls_G_enum != ProductionMode) = FALSE and (NxtrMEC_Uls_G_enum == ProductionMode)=FALSE can not be satisfied."

Attributes	
Name	Value
Compiler Install Path	<pre>\$(ProgramFiles)\Texas Instruments\ccsv4\tools\compiler\tms470_4.9.5</pre>
Float Precision	9
InitObjDir	<pre>\$(PROJECTROOT)\UnitTestEnv\static_build_files\obj</pre>
InitSrcDir	\$(PROJECTROOT)\UnitTestEnv\static_build_files\src
Linker File	<pre>\$(PROJECTROOT)\UnitTestEnv\static_build_files\sys_link.cmd</pre>
Makefile Template	\$(PROJECTROOT)\UnitTestEnv\config\Nexteer_ts_make_ude_ti_tms570.tpl
Target Install Path	\$(Compiler Install Path)\include
Time Unit	Cycles
Timer Enable	false
Timer Prescale	0

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CDDInterface_Init2

Attributes	
Name	Value
Timer Resolution	1.0
UDE Config File	\$(PROJECTROOT)\UnitTestEnv\config\TMS570_UDE_12PIN_JTAG.cfg
Workspace File	D:\Synergy_Work_Area\CDDInterface_clxx\UnitTestEnv\config\UDE_TMS570_DEBUG.WSP



Test Case 1: Boundary Test

Specification

Performance Metrics (With "None" Instrumentation and WithPS Environment) CPU Cycles:

TS1.1 544.00 Cycles
TS1.2 512.00 Cycles
TS1.3 512.00 Cycles
TS1.3 512.00 Cycles
TS1.4 512.00 Cycles
TS1.5 512.00 Cycles
TS1.5 512.00 Cycles
TS1.6 512.00 Cycles
TS1.8 512.00 Cycles
TS1.9 512.00 Cycles
TS1.10 512.00 Cycles
TS1.11 512.00 Cycles
TS1.12 512.00 Cycles
TS1.13 512.00 Cycles
TS1.14 512.00 Cycles
TS1.15 512.00 Cycles
TS1.16 512.00 Cycles
TS1.16 512.00 Cycles

Description

Vector Description:

TS1.1All Min

TS1.1All Min
TS1.2All Max
TS1.3MtrElecMechPolarity_Cnt_s08=min
TS1.4MtrElecMechPolarity_Cnt_s08=max
TS1.5HET_P1ACC_1.memory.data_word=min
TS1.6HET_P1ACC_1.memory.data_word=max
TS1.7HET_P1ACC_1.memory.data_word=pos
TS1.8HET_P2ACC_1.memory.data_word=min
TS1.9HET_P2ACC_1.memory.data_word=max
TS1.10HET_P2ACC_1.memory.data_word=pos
TS1.11HET_P3ACC_1.memory.data_word=min
TS1.12HET_P3ACC_1.memory.data_word=max
TS1.13HET_P3ACC_1.memory.data_word=mor
TS1.14NxtrMEC_Uls_G_enum=ProductionMode
TS1.15NxtrMEC_Uls_G_enum=EngineeringMode

Test Step 1.1 (Repeat Count = 1)			✓
Name	Input Value		
NxtrMEC_UIs_G_enum	0		
Rte_Inst_Sa_CDDInterface	target_Rte_Inst_Sa_CDDInterface		
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	0		
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	0		
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	0		
target_CDDInterface_Init2_MtrElecMechPolarity_Cnt_s08.value	-1		
target_Rte_Inst_Sa_CDDInterface.CDDInterface_Init2_MEC_Cnt_enum	target_CDDInterface_Init2_MEC_Cnt_enum		
target Rte Inst Sa CDDInterface.CDDInterface Init2 MtrElecMechPolarity Cnt so	target_CDDInterface_Init2_MtrElecMechPola	arity_Cnt_s08	
Name	Actual Value	Expected Value	Result
CDD_AppDataFbkPthAccessBfr_Cnt_G_u16	0	0	~
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	0	0	~
CDD_CDDDataAccessBfr_Cnt_G_u16	0	0	~
CDD_Vecu_Volt_G_f32[0]	31	31	~
CDD_Vecu_Volt_G_f32[1]	31	31	~
PXAccumPrev_Cnt_M_u32[0]	0	0	•
PXAccumPrev_Cnt_M_u32[1]	0	0	•
PXAccumPrev_Cnt_M_u32[2]	0	0	~
PrevMtrElecMechPolarity_Cnt_M_s08	-1	-1	~
target CDDInterface Init2 MEC Cnt enum.value	0	0	✓

Test Step Call Trace					
Actual Function	Count	Expected Function	Count	Result	
Rte_Call_Sa_CDDInterface_CDDPorts_ApplyMtrElecMechPol	1	Rte_Call_Sa_CDDInterface_CDDPorts_ApplyMtrElecMechPol	1	~	

Name	Input Value		
NxtrMEC_Uls_G_enum	2		
Rte_Inst_Sa_CDDInterface	target_Rte_Inst_Sa_CDDInterface	e	
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	536870911		
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	536870911		
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	536870911		
target_CDDInterface_Init2_MtrElecMechPolarity_Cnt_s08.value	1		
target_Rte_Inst_Sa_CDDInterface.CDDInterface_Init2_MEC_Cnt_enum	target_CDDInterface_Init2_MEC_	Cnt_enum	
target Rte Inst Sa CDDInterface.CDDInterface Init2 MtrElecMechPolarity Cn	t s(target_CDDInterface_Init2_MtrEle	ecMechPolarity_Cnt_s08	
Name	Actual Value	Expected Value	Result
CDD AppDataFbkPthAccessBfr Cnt G u16	0	0	•

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Name	Actual Value	Expected Value	Result
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	0	0	~
CDD_CDDDataAccessBfr_Cnt_G_u16	0	0	~
CDD_Vecu_Volt_G_f32[0]	31	31	~
CDD_Vecu_Volt_G_f32[1]	31	31	~
PXAccumPrev_Cnt_M_u32[0]	67108863	67108863	✓
PXAccumPrev_Cnt_M_u32[1]	67108863	67108863	✓
PXAccumPrev_Cnt_M_u32[2]	67108863	67108863	✓
PrevMtrElecMechPolarity_Cnt_M_s08	1	1	✓
target_CDDInterface_Init2_MEC_Cnt_enum.value	2	2	✓

Test Step Call Trace					
Actual Function	Count	Expected Function	Count	Result	
Rte_Call_Sa_CDDInterface_CDDPorts_ApplyMtrElecMechPol	1	Rte_Call_Sa_CDDInterface_CDDPorts_ApplyMtrElecMechPol	1	~	

Test Step 1.3 (Repeat Count = 1)			✓
Name	Input Value		
NxtrMEC_UIs_G_enum	0		
Rte_Inst_Sa_CDDInterface	target_Rte_Inst_Sa_CDDInter	face	
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	1258465		
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	247863		
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	4778522		
target_CDDInterface_Init2_MtrElecMechPolarity_Cnt_s08.value	-1		
target_Rte_Inst_Sa_CDDInterface.CDDInterface_Init2_MEC_Cnt_enum	target_CDDInterface_Init2_ME	C_Cnt_enum	
target_Rte_Inst_Sa_CDDInterface.CDDInterface_Init2_MtrElecMechPolarity_	Cnt_s(target_CDDInterface_Init2_Mtr	ElecMechPolarity_Cnt_s08	
Name	Actual Value	Expected Value	Result
CDD_AppDataFbkPthAccessBfr_Cnt_G_u16	0	0	~
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	0	0	✓
CDD_CDDDataAccessBfr_Cnt_G_u16	0	0	✓
CDD_Vecu_Volt_G_f32[0]	31	31	✓
CDD_Vecu_Volt_G_f32[1]	31	31	✓
PXAccumPrev_Cnt_M_u32[0]	157308	157308	✓
PXAccumPrev_Cnt_M_u32[1]	30982	30982	✓
PXAccumPrev_Cnt_M_u32[2]	597315	597315	✓
PrevMtrElecMechPolarity_Cnt_M_s08	-1	-1	✓
target CDDInterface Init2 MEC Cnt enum.value	0	0	

Test Step Call Trace						
Actual Function	Count	Expected Function	Count	Result		
Rte Call Sa CDDInterface CDDPorts ApplyMtrElecMechPol	1	Rte Call Sa CDDInterface CDDPorts ApplyMtrElecMechPol	1	_		

Test Step 1.4 (Repeat Count = 1)			✓
Name	Input Value		
NxtrMEC_UIs_G_enum	1		
Rte_Inst_Sa_CDDInterface	target_Rte_Inst_Sa_CDDInte	rface	
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	1485762		
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	685746		
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	4785232		
target_CDDInterface_Init2_MtrElecMechPolarity_Cnt_s08.value	1		
target_Rte_Inst_Sa_CDDInterface.CDDInterface_Init2_MEC_Cnt_enum	target_CDDInterface_Init2_M	EC_Cnt_enum	
$target_Rte_Inst_Sa_CDDInterface.CDDInterface_Init2_MtrElecMechPolarity_Constraints = 0.0000000000000000000000000000000000$	Cnt_s(target_CDDInterface_Init2_M	trElecMechPolarity_Cnt_s08	
Name	Actual Value	Expected Value	Result
CDD_AppDataFbkPthAccessBfr_Cnt_G_u16	0	0	~
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	0	0	✓
CDD_CDDDataAccessBfr_Cnt_G_u16	0	0	✓
CDD_Vecu_Volt_G_f32[0]	31	31	✓
CDD_Vecu_Volt_G_f32[1]	31	31	✓
PXAccumPrev_Cnt_M_u32[0]	185720	185720	✓
PXAccumPrev_Cnt_M_u32[1]	85718	85718	✓
PXAccumPrev_Cnt_M_u32[2]	598154	598154	✓
PrevMtrElecMechPolarity_Cnt_M_s08	1	1	✓
target CDDInterface Init2 MEC Cnt enum value	4	1	

Test Step Call Trace					
Actual Function	Count	Expected Function	Count	Result	
Rte_Call_Sa_CDDInterface_CDDPorts_ApplyMtrElecMechPol	1	Rte_Call_Sa_CDDInterface_CDDPorts_ApplyMtrElecMechPol	1	~	



Test Step 1.5 (Repeat Count = 1) ✓				
Name	Input Value			
NxtrMEC_UIs_G_enum	0			
Rte_Inst_Sa_CDDInterface	target_Rte_Inst_Sa_CDDInterface			
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	0			
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	965874			
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	1258465			
target_CDDInterface_Init2_MtrElecMechPolarity_Cnt_s08.value	1			
target_Rte_Inst_Sa_CDDInterface.CDDInterface_Init2_MEC_Cnt_enum	target_CDDInterface_Init2_MEC_Cnt_enum			
$target_Rte_Inst_Sa_CDDInterface.CDDInterface_Init2_MtrElecMechPolarity_Cnt_score (CDDInterface) and (CDDInterface) and (CDDInterface) are also as a function of the context of the conte$	target_CDDInterface_Init2_MtrElecMechPola	rity_Cnt_s08		
Name	Actual Value	Expected Value	Result	
CDD_AppDataFbkPthAccessBfr_Cnt_G_u16	0	0	~	
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	0	0	•	
CDD_CDDDataAccessBfr_Cnt_G_u16	0	0	~	
CDD_Vecu_Volt_G_f32[0]	31	31	•	
CDD_Vecu_Volt_G_f32[1]	31	31	~	
PXAccumPrev_Cnt_M_u32[0]	0	0	•	
PXAccumPrev_Cnt_M_u32[1]	120734	120734	~	
PXAccumPrev_Cnt_M_u32[2]	157308	157308	•	
PrevMtrElecMechPolarity_Cnt_M_s08	1	1	•	
target_CDDInterface_Init2_MEC_Cnt_enum.value	0	0	•	

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Sa_CDDInterface_CDDPorts_ApplyMtrElecMechPol	1	Rte_Call_Sa_CDDInterface_CDDPorts_ApplyMtrElecMechPol	1	~

Test Step 1.6 (Repeat Count = 1)			✓
Name	Input Value		
NxtrMEC_Uls_G_enum	1		
Rte_Inst_Sa_CDDInterface	target_Rte_Inst_Sa_CDDInterface		
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	536870911		
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	358476		
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	1485762		
target_CDDInterface_Init2_MtrElecMechPolarity_Cnt_s08.value	-1		
target_Rte_Inst_Sa_CDDInterface.CDDInterface_Init2_MEC_Cnt_enum	target_CDDInterface_Init2_MEC_Cr	nt_enum	
target_Rte_Inst_Sa_CDDInterface.CDDInterface_Init2_MtrElecMechPolarity_Cnt	t_s(target_CDDInterface_Init2_MtrElecN	MechPolarity_Cnt_s08	
Name	Actual Value	Expected Value	Result
CDD_AppDataFbkPthAccessBfr_Cnt_G_u16	0	0	~
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	0	0	✓
CDD_CDDDataAccessBfr_Cnt_G_u16	0	0	✓
CDD_Vecu_Volt_G_f32[0]	31	31	✓
CDD_Vecu_Volt_G_f32[1]	31	31	✓
		67400060	
PXAccumPrev_Cnt_M_u32[0]	67108863	67108863	•
PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1]	67108863 44809	44809	
			, , , , , , , , , , , , , , , , , , ,
PXAccumPrev_Cnt_M_u32[1]	44809	44809	•

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
Rte Call Sa CDDInterface CDDPorts ApplyMtrElecMechPol	1	Rte Call Sa CDDInterface CDDPorts ApplyMtrElecMechPol	1	_

Test Step 1.7 (Repeat Count = 1)			~
Name	Input Value		
NxtrMEC_Uls_G_enum	2		
Rte_Inst_Sa_CDDInterface	target_Rte_Inst_Sa_CDDInterface		
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	5248637		
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	258746		
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	965874		
target_CDDInterface_Init2_MtrElecMechPolarity_Cnt_s08.value	-1		
target_Rte_Inst_Sa_CDDInterface.CDDInterface_Init2_MEC_Cnt_enum	target_CDDInterface_Init2_MEC_Cnt_enum		
$target_Rte_Inst_Sa_CDDInterface.CDDInterface_Init2_MtrElecMechPolarity_Cnt_starget_Rte_Inst_Sa_CDDInterface.CDDInterface_Init2_MtrElecMechPolarity_Cnt_starget_Rte_Init2_MtrElecMechPolarity_Cnt_starget_Rte_Init2_MtrElecMechPolarity_Cnt_starget_Rte_Init2_MtrElecMechPolarity_Cnt_starget_Rte_Init2_MtrElecMechPolarity_Cnt_starget_Rte_Init2_MtrElecMechPolarity_Cnt_starget_Rte_Init2_MtrElecMechPolarity_Cnt_starget_Rte_Init2_MtrElecMechPolarity_Cnt_starget_Rte_Init2_MtrElecMechPolarity_Cnt_starget_Rte_Init2_MtrElecMechPolarity_Cnt_starget_Rte_Init2_MtrElecMechPolarity_Cnt_starget_Rte_Init2_MtrElecMechPolarity_Rte_Init2_MtrElecMechPola$	target_CDDInterface_Init2_MtrElecMechPola	rity_Cnt_s08	
Name	Actual Value	Expected Value	Result
CDD_AppDataFbkPthAccessBfr_Cnt_G_u16	0	0	~

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Name	Actual Value	Expected Value	Result
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	0	0	✓
CDD_CDDDataAccessBfr_Cnt_G_u16	0	0	✓
CDD_Vecu_Volt_G_f32[0]	31	31	✓
CDD_Vecu_Volt_G_f32[1]	31	31	✓
PXAccumPrev_Cnt_M_u32[0]	656079	656079	✓
PXAccumPrev_Cnt_M_u32[1]	32343	32343	~
PXAccumPrev_Cnt_M_u32[2]	120734	120734	✓
PrevMtrElecMechPolarity_Cnt_M_s08	-1	-1	✓
target_CDDInterface_Init2_MEC_Cnt_enum.value	2	2	✓

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Sa_CDDInterface_CDDPorts_ApplyMtrElecMechPol	1	Rte_Call_Sa_CDDInterface_CDDPorts_ApplyMtrElecMechPol	1	~

Test Step 1.8 (Repeat Count = 1)			✓
Name	Input Value		
NxtrMEC_Uls_G_enum	1		
Rte_Inst_Sa_CDDInterface	target_Rte_Inst_Sa_CDDInterfac	ce	
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	185687		
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	0		
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	358476		
target_CDDInterface_Init2_MtrElecMechPolarity_Cnt_s08.value	1		
target_Rte_Inst_Sa_CDDInterface.CDDInterface_Init2_MEC_Cnt_enum	target_CDDInterface_Init2_MEC	_Cnt_enum	
target_Rte_Inst_Sa_CDDInterface.CDDInterface_Init2_MtrElecMechPolarity_C	cnt_s(target_CDDInterface_Init2_MtrE	lecMechPolarity_Cnt_s08	
Name	Actual Value	Expected Value	Result
CDD_AppDataFbkPthAccessBfr_Cnt_G_u16	0	0	~
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	0	0	•
000 0000 + 4		1 -	•
CDD_CDDDataAccessBfr_Cnt_G_u16	0	0	-
CDD_CDDDataAccessBfr_Cnt_G_u16 CDD_Vecu_Volt_G_f32[0]	0 31		~
		0	
CDD_Vecu_Volt_G_f32[0]	31	0 31	•
CDD_Vecu_Volt_G_f32[0] CDD_Vecu_Volt_G_f32[1]	31 31	0 31 31	· · · · · · · · · · · · · · · · · · ·
CDD_Vecu_Volt_G_f32[0] CDD_Vecu_Volt_G_f32[1] PXAccumPrev_Cnt_M_u32[0]	31 31 23210	0 31 31 23210	· · · · · · · · · · · · · · · · · · ·
CDD_Vecu_Volt_G_f32[0] CDD_Vecu_Volt_G_f32[1] PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1]	31 31 23210 0	0 31 31 23210 0	***************************************

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Sa_CDDInterface_CDDPorts_ApplyMtrElecMechPol	1	Rte_Call_Sa_CDDInterface_CDDPorts_ApplyMtrElecMechPol	1	•

Test Step 1.9 (Repeat Count = 1)			
Name	Input Value		
NxtrMEC_UIs_G_enum	0		
Rte_Inst_Sa_CDDInterface	target_Rte_Inst_Sa_CDDInterface		
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	256987		
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	536870911		
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	258746		
target_CDDInterface_Init2_MtrElecMechPolarity_Cnt_s08.value	-1		
target_Rte_Inst_Sa_CDDInterface.CDDInterface_Init2_MEC_Cnt_enum	target_CDDInterface_Init2_MEC_Cnt_enum		
$target_Rte_Inst_Sa_CDDInterface.CDDInterface_Init2_MtrElecMechPolarity_Cnt_starget_Rte_Inst_Sa_CDDInterface.CDDInterface_Init2_MtrElecMechPolarity_Cnt_starget_Rte_Inst_Sa_CDDInterface.CDDInterface_Init2_MtrElecMechPolarity_Cnt_starget_Rte_Init2_MtrElecMechPolarity_Cnt_starget_Rte_Init2_MtrElecMechPolarity_Cnt_starget_Rte_Init2_MtrElecMechPolarity_Cnt_starget_Rte_Init2_MtrElecMechPolarity_Cnt_starget_Rte_Init2_MtrElecMechPolarity_Cnt_starget_Rte_Init2_MtrElecMechPolarity_Cnt_starget_Rte_Init2_MtrElecMechPolarity_Cnt_starget_Rte_Init2_MtrElecMechPolarity_Cnt_starget_Rte_Init2_MtrElecMechPolarity_Cnt_starget_Rte_Init2_MtrElecMechPolarity_Cnt_starget_Rte_Init2_MtrElecMechPolarity_Rte_Init2$	target_CDDInterface_Init2_MtrElecMechPola	arity_Cnt_s08	
Name	Actual Value	Expected Value	Result
CDD_AppDataFbkPthAccessBfr_Cnt_G_u16	0	0	~
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	0	0	~
CDD_CDDDataAccessBfr_Cnt_G_u16	0	0	~
CDD_Vecu_Volt_G_f32[0]	31	31	✓
CDD_Vecu_Volt_G_f32[1]	31	31	~
PXAccumPrev_Cnt_M_u32[0]	32123	32123	✓
PXAccumPrev_Cnt_M_u32[1]	67108863	67108863	~
PXAccumPrev_Cnt_M_u32[2]	32343	32343	✓
PrevMtrElecMechPolarity_Cnt_M_s08	-1	-1	~
target_CDDInterface_Init2_MEC_Cnt_enum.value	0	0	~

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Sa_CDDInterface_CDDPorts_ApplyMtrElecMechPol	1	Rte_Call_Sa_CDDInterface_CDDPorts_ApplyMtrElecMechPol	1	~



Test Step 1.10 (Repeat Count = 1)				
Name	Input Value			
NxtrMEC_UIs_G_enum	1			
Rte_Inst_Sa_CDDInterface	target_Rte_Inst_Sa_CDDInterface			
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	247863			
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	5248635			
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	185687			
target_CDDInterface_Init2_MtrElecMechPolarity_Cnt_s08.value	1			
target_Rte_Inst_Sa_CDDInterface.CDDInterface_Init2_MEC_Cnt_enum	target_CDDInterface_Init2_MEC_Cnt_enum			
$target_Rte_Inst_Sa_CDDInterface.CDDInterface_Init2_MtrElecMechPolarity_Cnt_sColor = 0.0000000000000000000000000000000000$	target_CDDInterface_Init2_MtrElecMechPola	rity_Cnt_s08		
Name	Actual Value	Expected Value	Result	
CDD_AppDataFbkPthAccessBfr_Cnt_G_u16	0	0	~	
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	0	0	•	
CDD_CDDDataAccessBfr_Cnt_G_u16	0	0	~	
CDD_Vecu_Volt_G_f32[0]	31	31	•	
CDD_Vecu_Volt_G_f32[1]	31	31	~	
PXAccumPrev_Cnt_M_u32[0]	30982	30982	•	
PXAccumPrev_Cnt_M_u32[1]	656079	656079	~	
PXAccumPrev_Cnt_M_u32[2]	23210	23210	•	
PrevMtrElecMechPolarity_Cnt_M_s08	1	1	•	
target_CDDInterface_Init2_MEC_Cnt_enum.value	1	1	~	

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Sa_CDDInterface_CDDPorts_ApplyMtrElecMechPol	1	Rte_Call_Sa_CDDInterface_CDDPorts_ApplyMtrElecMechPol	1	~

Test Step 1.11 (Repeat Count = 1)			✓
Name	Input Value		
NxtrMEC_UIs_G_enum	2		
Rte_Inst_Sa_CDDInterface	target_Rte_Inst_Sa_CDDInterfac	e	
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	685746		
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	147856		
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	0		
target_CDDInterface_Init2_MtrElecMechPolarity_Cnt_s08.value	-1		
target_Rte_Inst_Sa_CDDInterface.CDDInterface_Init2_MEC_Cnt_enum	target_CDDInterface_Init2_MEC_	_Cnt_enum	
target_Rte_Inst_Sa_CDDInterface.CDDInterface_Init2_MtrElecMechPolarity_C	nt_s(target_CDDInterface_Init2_MtrEle	ecMechPolarity_Cnt_s08	
Name	Actual Value	Expected Value	Result
CDD_AppDataFbkPthAccessBfr_Cnt_G_u16	0	0	~
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	_		
	0	0	~
CDD_CDDDataAccessBfr_Cnt_G_u16	0	0 0	~
CDD_CDDDataAccessBfr_Cnt_G_u16 CDD_Vecu_Volt_G_f32[0]			· ·
	0	0	· ·
CDD_Vecu_Volt_G_f32[0]	0 31	0 31	· · · · · · · · · · · · · · · · · · ·
CDD_Vecu_Volt_G_f32[0] CDD_Vecu_Volt_G_f32[1]	0 31 31	0 31 31	***
CDD_Vecu_Volt_G_f32[0] CDD_Vecu_Volt_G_f32[1] PXAccumPrev_Cnt_M_u32[0]	0 31 31 85718	0 31 31 85718	· · · · · · · · · · · · · · · · · · ·
CDD_Vecu_Volt_G_f32[0] CDD_Vecu_Volt_G_f32[1] PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1]	0 31 31 85718 18482	0 31 31 85718 18482	**************************************

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
Rte Call Sa CDDInterface CDDPorts ApplyMtrElecMechPol	1	Rte Call Sa CDDInterface CDDPorts ApplyMtrElecMechPol	1	_

Test Step 1.12 (Repeat Count = 1)			
Name	Input Value		
NxtrMEC_UIs_G_enum	0		
Rte_Inst_Sa_CDDInterface	target_Rte_Inst_Sa_CDDInterface		
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	756887		
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	1258465		
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	536870911		
target_CDDInterface_Init2_MtrElecMechPolarity_Cnt_s08.value	1		
target_Rte_Inst_Sa_CDDInterface.CDDInterface_Init2_MEC_Cnt_enum	target_CDDInterface_Init2_MEC_Cnt_enum		
$target_Rte_Inst_Sa_CDDInterface.CDDInterface_Init2_MtrElecMechPolarity_Cnt_starget_Rte_Inst_Sa_CDDInterface.CDDInterface_Init2_MtrElecMechPolarity_Cnt_starget_Rte_Init2_MtrElecMechPolarity_Cnt_starget_Rte_Init2_MtrElecMechPolarity_Cnt_starget_Rte_Init2_MtrElecMechPolarity_Cnt_starget_Rte_Init2_MtrElecMechPolarity_Cnt_starget_Rte_Init2_MtrElecMechPolarity_Cnt_starget_Rte_Init2_MtrElecMechPolarity_Cnt_starget_Rte_Init2_MtrElecMechPolarity_Cnt_starget_Rte_Init2_MtrElecMechPolarity_Cnt_starget_Rte_Init2_MtrElecMechPolarity_Cnt_starget_Rte_Init2_MtrElecMechPolarity_Cnt_starget_Rte_Init2_MtrElecMechPolarity_Rte_Init2_MtrElecMechPola$	target_CDDInterface_Init2_MtrElecMechPola	arity_Cnt_s08	
Name	Actual Value	Expected Value	Result
CDD_AppDataFbkPthAccessBfr_Cnt_G_u16	0	0	~

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CDDInterface_Init2

Name	Actual Value	Expected Value	Result
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	0	0	•
CDD_CDDDataAccessBfr_Cnt_G_u16	0	0	~
CDD_Vecu_Volt_G_f32[0]	31	31	•
CDD_Vecu_Volt_G_f32[1]	31	31	~
PXAccumPrev_Cnt_M_u32[0]	94610	94610	•
PXAccumPrev_Cnt_M_u32[1]	157308	157308	~
PXAccumPrev_Cnt_M_u32[2]	67108863	67108863	•
PrevMtrElecMechPolarity_Cnt_M_s08	1	1	~
target_CDDInterface_Init2_MEC_Cnt_enum.value	0	0	•

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Sa_CDDInterface_CDDPorts_ApplyMtrElecMechPol	1	Rte_Call_Sa_CDDInterface_CDDPorts_ApplyMtrElecMechPol	1	~

Test Step 1.13 (Repeat Count = 1)			✓
Name	Input Value		
NxtrMEC_UIs_G_enum	2		
Rte_Inst_Sa_CDDInterface	target_Rte_Inst_Sa_CDDInter	face	
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	965874		
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	1485762		
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	4785368		
target_CDDInterface_Init2_MtrElecMechPolarity_Cnt_s08.value	-1		
target_Rte_Inst_Sa_CDDInterface.CDDInterface_Init2_MEC_Cnt_enum	target_CDDInterface_Init2_ME	EC_Cnt_enum	
target_Rte_Inst_Sa_CDDInterface.CDDInterface_Init2_MtrElecMechPolarity_0	Cnt_s(target_CDDInterface_Init2_Mtr	rElecMechPolarity_Cnt_s08	
Name	Actual Value	Expected Value	Result
CDD_AppDataFbkPthAccessBfr_Cnt_G_u16	0	0	~
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	0	0	✓
CDD_CDDDataAccessBfr_Cnt_G_u16	0	0	✓
CDD_Vecu_Volt_G_f32[0]	31	31	✓
CDD_Vecu_Volt_G_f32[1]	31	31	✓
PXAccumPrev_Cnt_M_u32[0]	120734	120734	✓
PXAccumPrev_Cnt_M_u32[1]	185720	185720	✓
PXAccumPrev_Cnt_M_u32[2]	598171	598171	✓
PrevMtrElecMechPolarity_Cnt_M_s08	-1	-1	~

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte Call Sa CDDInterface CDDPorts ApplyMtrElecMechPol	1	Rte Call Sa CDDInterface CDDPorts ApplyMtrElecMechPol	1	~

Test Step 1.14 (Repeat Count = 1)			✓
Name	Input Value		
NxtrMEC_Uls_G_enum	0		
Rte_Inst_Sa_CDDInterface	target_Rte_Inst_Sa_CDDInterface		
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	358476		
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	4778522		
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	247863		
target_CDDInterface_Init2_MtrElecMechPolarity_Cnt_s08.value	1		
target_Rte_Inst_Sa_CDDInterface.CDDInterface_Init2_MEC_Cnt_enum	target_CDDInterface_Init2_MEC_Cnt_enu	m	
target_Rte_Inst_Sa_CDDInterface.CDDInterface_Init2_MtrElecMechPolarity_Cnt_	_s(target_CDDInterface_Init2_MtrElecMechPe	olarity_Cnt_s08	
Name	Actual Value	Expected Value	Result
CDD_AppDataFbkPthAccessBfr_Cnt_G_u16	0	0	~
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	0	0	•
CDD_CDDDataAccessBfr_Cnt_G_u16	0	0	~
CDD_Vecu_Volt_G_f32[0]	31	31	•
CDD_Vecu_Volt_G_f32[1]	31	31	~
PXAccumPrev_Cnt_M_u32[0]	44809	44809	•
PXAccumPrev_Cnt_M_u32[1]	597315	597315	~
PXAccumPrev_Cnt_M_u32[2]	30982	30982	~
PrevMtrElecMechPolarity_Cnt_M_s08	1	1	•
target CDDInterface Init2 MEC Cnt enum value	0	0	-

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Sa_CDDInterface_CDDPorts_ApplyMtrElecMechPol	1	Rte_Call_Sa_CDDInterface_CDDPorts_ApplyMtrElecMechPol	1	~





Test Step 1.15 (Repeat Count = 1)			✓
Name	Input Value		
NxtrMEC_UIs_G_enum	1		
Rte_Inst_Sa_CDDInterface	target_Rte_Inst_Sa_CDDInterface		
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	258746		
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	4785232		
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	685746		
target_CDDInterface_Init2_MtrElecMechPolarity_Cnt_s08.value	-1		
target_Rte_Inst_Sa_CDDInterface.CDDInterface_Init2_MEC_Cnt_enum	target_CDDInterface_Init2_MEC_Cnt_enum		
$target_Rte_Inst_Sa_CDDInterface.CDDInterface_Init2_MtrElecMechPolarity_Cnt_score (CDDInterface_Init2_MtrElecMechPolarity_Cnt_score (CDDInterface$	target_CDDInterface_Init2_MtrElecMechPola	arity_Cnt_s08	
Name	Actual Value	Expected Value	Result
CDD_AppDataFbkPthAccessBfr_Cnt_G_u16	0	0	~
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	0	0	•
CDD_CDDDataAccessBfr_Cnt_G_u16	0	0	~
CDD_Vecu_Volt_G_f32[0]	31	31	•
CDD_Vecu_Volt_G_f32[1]	31	31	~
PXAccumPrev_Cnt_M_u32[0]	32343	32343	•
PXAccumPrev_Cnt_M_u32[1]	598154	598154	~
PXAccumPrev_Cnt_M_u32[2]	85718	85718	•
PrevMtrElecMechPolarity_Cnt_M_s08	-1	-1	•
target_CDDInterface_Init2_MEC_Cnt_enum.value	1	1	~

Test Step Call Trace					
Actual Function	Count	Expected Function	Count	Result	
Rte_Call_Sa_CDDInterface_CDDPorts_ApplyMtrElecMechPol	1	Rte_Call_Sa_CDDInterface_CDDPorts_ApplyMtrElecMechPol	1	~	

Test Step 1.16 (Repeat Count = 1)			✓
Name	Input Value		
NxtrMEC_UIs_G_enum	2		
Rte_Inst_Sa_CDDInterface	target_Rte_Inst_Sa_CDDInterface		
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	147856		
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	4785545		
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	756887		
target_CDDInterface_Init2_MtrElecMechPolarity_Cnt_s08.value	1		
target_Rte_Inst_Sa_CDDInterface.CDDInterface_Init2_MEC_Cnt_enum	target_CDDInterface_Init2_MEC_Cn	t_enum	
target_Rte_Inst_Sa_CDDInterface.CDDInterface_Init2_MtrElecMechPolarity_Cnt	t_s(target_CDDInterface_Init2_MtrElecM	1echPolarity_Cnt_s08	
Name	Actual Value	Expected Value	Result
CDD AppDataFbkPthAccessBfr Cnt G u16			
000_1 pp0didi 0ii ii/ 0000001_0ii_0_1	0	0	~
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	0	0	V
			ž
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	0	0	~
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16 CDD_CDDDataAccessBfr_Cnt_G_u16	0	0 0	•
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16 CDD_CDDDataAccessBfr_Cnt_G_u16 CDD_Vecu_Volt_G_f32[0]	0 0 31	0 0 31	*
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16 CDD_CDDDataAccessBfr_Cnt_G_u16 CDD_Vecu_Volt_G_f32[0] CDD_Vecu_Volt_G_f32[1]	0 0 31 31	0 0 31 31	*
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16 CDD_CDDDataAccessBfr_Cnt_G_u16 CDD_Vecu_Volt_G_f32[0] CDD_Vecu_Volt_G_f32[1] PXAccumPrev_Cnt_M_u32[0]	0 0 31 31 18482	0 0 31 31 18482	***************************************
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16 CDD_CDDDataAccessBfr_Cnt_G_u16 CDD_Vecu_Volt_G_f32[0] CDD_Vecu_Volt_G_f32[1] PXAccumPrev_Cnt_M_u32[0] PXAccumPrev_Cnt_M_u32[1]	0 0 31 31 18482 598193	0 0 31 31 18482 598193	***************************************

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Call_Sa_CDDInterface_CDDPorts_ApplyMtrElecMechPol	1	Rte_Call_Sa_CDDInterface_CDDPorts_ApplyMtrElecMechPol	1	~

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CDDInterface_Per2

 Project
 CDDInterface

 Module
 CDDInterface

 Test Object
 CDDInterface_Per2

Instrumentation: Test Object Only

Statement (C0) Coverage	100 %
Branch (C1) Coverage	100 %

Statistics

Total Testcases	1	
Successful	1	~
Failed	0	
Not Executed	0	

Module Properties

Project Root Directory	D:\Synergy_Work_Area\CDDInterface_c1xx
Configuration File	D:\Synergy_Work_Area\CDDInterface_c1xx\UnitTestEnv\config\TMS570_GCC_UDE_CCS4_Config.xml
Target Environment	TI TMS 570 PLS UDE (Default)
Kind of Test	Unit Test
Linker Options	
Source File(s)	
File	\$(PROJECTROOT)\CDDInterface\src\Sa_CDDInterface.c
Compiler Options	-D_DATA_ACCESS= -Dconst= -Dstatic= -I\$(PROJECTROOT)\CDDInterface\utp\contract -I\$(PROJECTROOT)\StdDef\include -I\$ (PROJECTROOT)\NxtrLib\include -I\$(Compiler Install Path)\include
File	\$(PROJECTROOT)\NxtrLib\src\interpolation.c
Compiler Options	-D_DATA_ACCESS= -Dconst= -Dstatic= -I\$(PROJECTROOT)\CDDInterface\utp\contract -I\$(PROJECTROOT)\StdDef\include -I\$ (PROJECTROOT)\NxtrLib\include -I\$(Compiler Install Path)\include

Name	Text
Module 'CDDInterface'	Name of Tester:Ankita Bhardwaj Code File(s) Under Test:Sa_CDDInterface.c Code File(s) Version:17 Module Design Document:NA Module Design Document Version:NA Data Dictionary Version:1 Unit Test Plan Version:2 Optimization Level:Level 2 Compiler (CodeGen) Version:TMS470_4.9.5 Model Type:Excel Macro Model Version:Nexteer EPS Unit Test Tool 2.7d/EPS Library 1.31 Total FLASH Used (Bytes):2290 Total RAM Used (Bytes):13 Total CALS Used (Bytes):0 Special Test Requirements: Test Date:02-18-15 Comments:"Note 1: Inline function defined in GlobalMacro.h are not Unit Tested. Note 2: ""CBD_Sandbox_dbg.map"" file is embedded for reference. Note 3: Low Path Coverage in ""CDDInterface_Per4"" function because NxtrMEC_UIs_G_enum != ProductionMode) = FALSE and (NxtrMEC_UIs_G_enum == ProductionMode)=FALSE can not be satisfied."

Attributes	
Name	Value
Compiler Install Path	\$(ProgramFiles)\Texas Instruments\ccsv4\tools\compiler\tms470_4.9.5
Float Precision	9
InitObjDir	<pre>\$(PROJECTROOT)\UnitTestEnv\static_build_files\obj</pre>
InitSrcDir	\$(PROJECTROOT)\UnitTestEnv\static_build_files\src
Linker File	<pre>\$(PROJECTROOT)\UnitTestEnv\static_build_files\sys_link.cmd</pre>
Makefile Template	<pre>\$(PROJECTROOT)\UnitTestEnv\config\Nexteer_ts_make_ude_ti_tms570.tpl</pre>
Target Install Path	\$(Compiler Install Path)\include
Time Unit	Cycles
Timer Enable	false
Timer Prescale	0

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Attributes		
Name	Value	
Timer Resolution	1.0	
UDE Config File	\$(PROJECTROOT)\UnitTestEnv\config\TMS570_UDE_12PIN_JTAG.cfg	
Workspace File	D:\Synergy_Work_Area\CDDInterface_clxx\UnitTestEnv\config\UDE_TMS570_DEBUG.WSP	



Test Case 1: Boundary Test

Specification

Performance Metrics (With "None" Instrumentation and WithPS Environment) CPU Cycles:

TS1.1 602.00 Cycles
TS1.2 584.00 Cycles
TS1.3 584.00 Cycles
TS1.3 584.00 Cycles
TS1.4 584.00 Cycles
TS1.5 584.00 Cycles
TS1.6 584.00 Cycles
TS1.7 584.00 Cycles
TS1.9 584.00 Cycles
TS1.9 584.00 Cycles
TS1.10 584.00 Cycles
TS1.11 584.00 Cycles
TS1.11 584.00 Cycles
TS1.12 584.00 Cycles
TS1.13 584.00 Cycles
TS1.15 584.00 Cycles
TS1.15 584.00 Cycles
TS1.16 584.00 Cycles
TS1.17 584.00 Cycles
TS1.18 584.00 Cycles
TS1.19 584.00 Cycles
TS1.19 584.00 Cycles
TS1.12 584.00 Cycles
TS1.12 584.00 Cycles
TS1.13 584.00 Cycles
TS1.12 584.00 Cycles
TS1.20 584.00 Cycles
TS1.21 584.00 Cycles
TS1.25 584.00 Cycles
TS1.25 584.00 Cycles
TS1.26 584.00 Cycles
TS1.27 584.00 Cycles
TS1.28 584.00 Cycles
TS1.29 584.00 Cycles
TS1.29 584.00 Cycles
TS1.29 584.00 Cycles
TS1.30 584.00 Cycles
TS1.31 584.00 Cycles
TS1.32 584.00 Cycles
TS1.33 584.00 Cycles
TS1.35 584.00 Cycles

Description

Vector Description:

TS1.1All Min

TS1.2All Max
TS1.3CDD_AppDataFwdPthAccessBfr_Cnt_G_u16=min

TS1.4CDD_AppDataFwdPthAccessBfr_Cnt_G_u16=max TS1.5CommOffset_Cnt_u16=min

IS1.5CommOffset_Cnt_u16=min
TS1.6CommOffset_Cnt_u16=max
TS1.7CommOffset_Cnt_u16=pos
TS1.8MRFMtrVel_MtrRadpS_f32=min
TS1.9MRFMtrVel_MtrRadpS_f32=max
TS1.10MRFMtrVel_MtrRadpS_f32=zero
TS1.11MRFMtrVel_MtrRadpS_f32=pos
TS1.12MRFMtrVel_MtrRadpS_f32=neg
TS1.13MtrCurr1TempOffset_Volt_f32=min
TS1.14MtrCurr1TempOffset_Volt_f32=max
TS1.15MtrCurr1TempOffset_Volt_f32=max
TS1.15MtrCurr1TempOffset_Volt_f32=max

TS1.15MtrCurr1TempOffset_Volt_f32=zero TS1.16MtrCurr1TempOffset_Volt_f32=pos TS1.17MtrCurr1TempOffset_Volt_f32=neg

TS1.18MtrCurr2TempOffset_Volt_f32=min TS1.19MtrCurr2TempOffset_Volt_f32=max TS1.20MtrCurr2TempOffset_Volt_f32=zero

TS1.20MtrCurr2TempOffset_Volt_f32=pos TS1.21MtrCurr2TempOffset_Volt_f32=pos TS1.22MtrCurr2TempOffset_Volt_f32=neg TS1.23MtrPosPolarity_Cnt_s08=min TS1.24MtrPosPolarity_Cnt_s08=max TS1.25AssistAssemblyPolarity_Cnt_s08=min TS1.26AssistAssemblyPolarity_Cnt_s08=max

IS1.26AssistAssemblyPolarity_Cnt_s08=max
TS1.27MtrTrqCmdSign_Cnt_s16=min
TS1.28MtrTrqCmdSign_Cnt_s16=max
TS1.29SystemState_Mode=RTE_MODE_StaMd_Mode_DISABLE
TS1.30SystemState_Mode=RTE_MODE_StaMd_Mode_OFF
TS1.31SystemState_Mode=RTE_MODE_StaMd_Mode_OFE
TS1.32SystemState_Mode=RTE_MODE_StaMd_Mode_WARMINIT
TS1.33SystemState_Mode=RTE_TRANSITION_StaMd_Mode

TS1.34Vecu_Volt_f32=min TS1.35Vecu_Volt_f32=max

		151.36Vecu_Voit_i32=iiiid	
est Step	1.1	(Repeat Count = 1)	

Name	Input Value	
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	0	
CDD_AssistAssemblyPolarity_Cnt_G_s08[0]	-1	
CDD_AssistAssemblyPolarity_Cnt_G_s08[1]	-1	
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	-1118	
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	-1118	
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	-0.0258789063	
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	-0.0258789063	
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	-0.0258789063	
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	-0.0258789063	
CDD_MtrCurrOffComOffset_Cnt_G_u16[0]	0	
CDD_MtrCurrOffComOffset_Cnt_G_u16[1]	0	

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CDDInterrace_Per2			MACITAL
Name	Input Value		
CDD_MtrPosPolarity_Cnt_G_s08[0]	-1		
CDD_MtrPosPolarity_Cnt_G_s08[1]	-1		
CDD_Vecu_Volt_G_f32[0]	5		
CDD_Vecu_Volt_G_f32[1]	5		
Rte_Inst_Sa_CDDInterface	target_Rte_Inst_Sa_CDDInterface		
Rte_Mode_Sa_CDDInterface_SystemState_Mode()	0		
target_CDDInterface_Per2_AssistAssemblyPolarity_Cnt_s08.value	-1		
target_CDDInterface_Per2_CommOffset_Cnt_u16.value	0		
target_CDDInterface_Per2_MRFMtrVel_MtrRadpS_f32.value	-1118		
target_CDDInterface_Per2_MtrCurr1TempOffset_Volt_f32.value	-0.0258789063		
target_CDDInterface_Per2_MtrCurr2TempOffset_Volt_f32.value	-0.0258789063		
target_CDDInterface_Per2_MtrPosPolarity_Cnt_s08.value	-1		
target_CDDInterface_Per2_MtrTrqCmdSign_Cnt_s16.value	-1		
target_CDDInterface_Per2_Vecu_Volt_f32.value	5		
target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_AssistAssemblyPolarity_Cnt	target_CDDInterface_Per2_AssistAssembly	Polarity_Cnt_s08	
target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_CommOffset_Cnt_u16	target_CDDInterface_Per2_CommOffset_Ci	nt_u16	
target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_MRFMtrVel_MtrRadpS_f32	target_CDDInterface_Per2_MRFMtrVel_Mtr	RadpS_f32	
target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_MtrCurr1TempOffset_Volt_f	target_CDDInterface_Per2_MtrCurr1TempC	offset_Volt_f32	
target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_MtrCurr2TempOffset_Volt_f	target_CDDInterface_Per2_MtrCurr2TempC	Offset_Volt_f32	
target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_MtrPosPolarity_Cnt_s08	target_CDDInterface_Per2_MtrPosPolarity_	Cnt_s08	
target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_MtrTrqCmdSign_Cnt_s16			
target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_Vecu_Volt_f32	target_CDDInterface_Per2_Vecu_Volt_f32		
Name	Actual Value	Expected Value	Result
CDD AppDataFwdPthAccessBfr Cnt G u16	1	1	
CDD AssistAssemblyPolarity Cnt G s08[0]	-1	-1	✓
CDD AssistAssemblyPolarity Cnt G s08[1]	-1	-1	
CDD MRFMtrVel MtrRadpS G f32[0]	-1118	-1118 ± 0.009	✓
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	-1118	-1118 ± 0.009	
CDD MtrCurr1TempOffset Volt G f32[0]	-0.0258789063	-0.0258789063 ± 0.0625	✓
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	-0.0258789063	-0.0258789063 ± 0.0625	
CDD MtrCurr2TempOffset Volt G f32[0]	-0.0258789063	-0.0258789063 ± 0.0625	✓
CDD MtrCurr2TempOffset Volt G f32[1]	-0.0258789063	-0.0258789063 ± 0.0625	
CDD MtrCurrOffComOffset Cnt G u16[0]	0	0	✓
CDD_MtrCurrOffComOffset_Cnt_G_u16[1]	0	0	
CDD_MtrPosPolarity_Cnt_G_s08[0]	-1	-1	✓
CDD MtrPosPolarity Cnt G s08[1]	-1	-1	✓
CDD_SysState_Cnt_G_Enum	0	0	✓
	5	5 ± 0.000009	_
CDD_Vecu_Volt_G_f32[0]	i S	3 ± 0.000003	

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Sa_CDDInterface_SystemState_Mode	1	Rte_Mode_Sa_CDDInterface_SystemState_Mode	1	~

T+ 0+ 4.0 (D+ 0+ -4)	.a
Test Step 1.2 (Repeat Count = 1)	<u> </u>
Name	Input Value
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	1
CDD_AssistAssemblyPolarity_Cnt_G_s08[0]	1
CDD_AssistAssemblyPolarity_Cnt_G_s08[1]	1
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	1118
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	1118
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	0.0258789063
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	0.0258789063
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	0.0258789063
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	0.0258789063
CDD_MtrCurrOffComOffset_Cnt_G_u16[0]	65535
CDD_MtrCurrOffComOffset_Cnt_G_u16[1]	65535
CDD_MtrPosPolarity_Cnt_G_s08[0]	1
CDD_MtrPosPolarity_Cnt_G_s08[1]	1
CDD_Vecu_Volt_G_f32[0]	31
CDD_Vecu_Volt_G_f32[1]	31
Rte_Inst_Sa_CDDInterface	target_Rte_Inst_Sa_CDDInterface
Rte_Mode_Sa_CDDInterface_SystemState_Mode()	4
target_CDDInterface_Per2_AssistAssemblyPolarity_Cnt_s08.value	1
target_CDDInterface_Per2_CommOffset_Cnt_u16.value	65535
target_CDDInterface_Per2_MRFMtrVel_MtrRadpS_f32.value	1118
target_CDDInterface_Per2_MtrCurr1TempOffset_Volt_f32.value	0.0258789063
target_CDDInterface_Per2_MtrCurr2TempOffset_Volt_f32.value	0.0258789063
target_CDDInterface_Per2_MtrPosPolarity_Cnt_s08.value	1
target_CDDInterface_Per2_MtrTrqCmdSign_Cnt_s16.value	1





Name	Input Value		
target_CDDInterface_Per2_Vecu_Volt_f32.value	31		
$target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_AssistAssemblyPolarity_Cnt_AssistAssistAssemblyPolarity_Cnt_AssistAssistAssistAssistAssistAssistAssemblyPolarity_Cnt_AssistAssistAssistAssistAssistAssistAssistAssistAssistAssistAssistAs$	target_CDDInterface_Per2_AssistAssemblyP	olarity_Cnt_s08	
target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_CommOffset_Cnt_u16	target_CDDInterface_Per2_CommOffset_Cn	t_u16	
$target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_MRFMtrVel_MtrRadpS_f32$	target_CDDInterface_Per2_MRFMtrVel_MtrF	RadpS_f32	
$target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_MtrCurr1TempOffset_Volt_f.$	target_CDDInterface_Per2_MtrCurr1TempOf	fset_Volt_f32	
$target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_MtrCurr2TempOffset_Volt_f.$	target_CDDInterface_Per2_MtrCurr2TempOf	fset_Volt_f32	
target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_MtrPosPolarity_Cnt_s08	target_CDDInterface_Per2_MtrPosPolarity_0	Cnt_s08	
target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_MtrTrqCmdSign_Cnt_s16	target_CDDInterface_Per2_MtrTrqCmdSign_	Cnt_s16	
target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_Vecu_Volt_f32	target_CDDInterface_Per2_Vecu_Volt_f32		
Name	Actual Value	Expected Value	Result
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	0	0	✓
CDD_AssistAssemblyPolarity_Cnt_G_s08[0]	1	1	✓
CDD_AssistAssemblyPolarity_Cnt_G_s08[1]	1	1	~
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	1118	1118 ± 0.009	✓
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	1118	1118 ± 0.009	✓
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	0.0258789063	0.0258789063 ± 0.0625	✓
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	0.0258789063	0.0258789063 ± 0.0625	~
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	0.0258789063	0.0258789063 ± 0.0625	✓
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	0.0258789063	0.0258789063 ± 0.0625	~
CDD_MtrCurrOffComOffset_Cnt_G_u16[0]	65535	65535	✓
CDD_MtrCurrOffComOffset_Cnt_G_u16[1]	65535	65535	~
CDD_MtrPosPolarity_Cnt_G_s08[0]	1	1	✓
CDD_MtrPosPolarity_Cnt_G_s08[1]	1	1	~
CDD_SysState_Cnt_G_Enum	4	4	✓
CDD_Vecu_Volt_G_f32[0]	31	31 ± 0.00009	✓
CDD_Vecu_Volt_G_f32[1]	31	31 ± 0.00009	✓

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Sa_CDDInterface_SystemState_Mode	1	Rte_Mode_Sa_CDDInterface_SystemState_Mode	1	~

Name	Input Value		
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	0		
CDD_AssistAssemblyPolarity_Cnt_G_s08[0]	1		
CDD_AssistAssemblyPolarity_Cnt_G_s08[1]	-1		
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	192.830994		
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	203.834		
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	9.9999975e-005		
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	0.000199999995		
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	-0.000300000014		
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	-0.00039999999		
CDD_MtrCurrOffComOffset_Cnt_G_u16[0]	4777		
CDD_MtrCurrOffComOffset_Cnt_G_u16[1]	6779		
CDD_MtrPosPolarity_Cnt_G_s08[0]	-1		
CDD_MtrPosPolarity_Cnt_G_s08[1]	-1		
CDD_Vecu_Volt_G_f32[0]	10.25		
CDD_Vecu_Volt_G_f32[1]	11.1499996		
Rte_Inst_Sa_CDDInterface	target_Rte_Inst_Sa_CDDInterface		
Rte_Mode_Sa_CDDInterface_SystemState_Mode()	0		
arget_CDDInterface_Per2_AssistAssemblyPolarity_Cnt_s08.value	1		
arget_CDDInterface_Per2_CommOffset_Cnt_u16.value	1254		
arget_CDDInterface_Per2_MRFMtrVel_MtrRadpS_f32.value	526.25		
arget_CDDInterface_Per2_MtrCurr1TempOffset_Volt_f32.value	0.0122070313		
arget_CDDInterface_Per2_MtrCurr2TempOffset_Volt_f32.value	0.0078125		
arget_CDDInterface_Per2_MtrPosPolarity_Cnt_s08.value	-1		
arget_CDDInterface_Per2_MtrTrqCmdSign_Cnt_s16.value	-1		
arget_CDDInterface_Per2_Vecu_Volt_f32.value	5.61999989		
arget Rte Inst Sa CDDInterface.CDDInterface Per2 AssistAssemblyPolarity	Cnt target_CDDInterface_Per2_AssistAssembly	Polarity_Cnt_s08	
arget_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_CommOffset_Cnt_u16	target_CDDInterface_Per2_CommOffset_C	nt_u16	
arget_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_MRFMtrVel_MtrRadpS	f32 target_CDDInterface_Per2_MRFMtrVel_Mtr	RadpS_f32	
arget_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_MtrCurr1TempOffset_V	olt_f: target_CDDInterface_Per2_MtrCurr1Temp0	offset_Volt_f32	
arget_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_MtrCurr2TempOffset_V	olt_f: target_CDDInterface_Per2_MtrCurr2TempC	offset_Volt_f32	
arget_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_MtrPosPolarity_Cnt_s0	target_CDDInterface_Per2_MtrPosPolarity_	Cnt_s08	
arget_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_MtrTrqCmdSign_Cnt_s	target_CDDInterface_Per2_MtrTrqCmdSign	_Cnt_s16	
arget_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_Vecu_Volt_f32	target_CDDInterface_Per2_Vecu_Volt_f32		
Name	Actual Value	Expected Value	Resu
CDD AppDataFwdPthAccessBfr Cnt G u16	1	1	

Name	Actual value	Expected value	Result
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	1	1	~
CDD_AssistAssemblyPolarity_Cnt_G_s08[0]	1	1	✓
CDD_AssistAssemblyPolarity_Cnt_G_s08[1]	1	1	~

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CDDInterface_	_Per2

Name	Actual Value	Expected Value	Result
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	192.830994	192.830994 ± 0.0009	~
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	526.25	526.25 ± 0.0009	~
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	9.9999975e-005	0 ± 0.0625	~
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	0.0122070313	0.0122070313 ± 0.0625	~
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	-0.000300000014	0 ± 0.0625	~
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	0.0078125	0.0078125 ± 0.0625	~
CDD_MtrCurrOffComOffset_Cnt_G_u16[0]	4777	4777	~
CDD_MtrCurrOffComOffset_Cnt_G_u16[1]	1254	1254	~
CDD_MtrPosPolarity_Cnt_G_s08[0]	-1	-1	~
CDD_MtrPosPolarity_Cnt_G_s08[1]	-1	-1	~
CDD_SysState_Cnt_G_Enum	0	0	~
CDD_Vecu_Volt_G_f32[0]	10.25	10.25 ± 0.00009	~
CDD_Vecu_Volt_G_f32[1]	5.61999989	5.61999989 ± 0.000009	~

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Sa_CDDInterface_SystemState_Mode	1	Rte_Mode_Sa_CDDInterface_SystemState_Mode	1	~

Test Step 1.4 (Repeat Count = 1)			
Name	Input Value		
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	1		
CDD_AssistAssemblyPolarity_Cnt_G_s08[0]	-1		
CDD_AssistAssemblyPolarity_Cnt_G_s08[1]	-1		
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	141.156998		
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	151.380005		
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	-0.000300000014		
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	-0.00039999999		
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	0.000500000024		
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	0.000600000028		
CDD_MtrCurrOffComOffset_Cnt_G_u16[0]	4898		
CDD_MtrCurrOffComOffset_Cnt_G_u16[1]	6966		
CDD_MtrPosPolarity_Cnt_G_s08[0]	1		
CDD_MtrPosPolarity_Cnt_G_s08[1]	1		
CDD_Vecu_Volt_G_f32[0]	12.25		
CDD_Vecu_Volt_G_f32[1]	13.1800003		
Rte_Inst_Sa_CDDInterface	target_Rte_Inst_Sa_CDDInterface		
Rte_Mode_Sa_CDDInterface_SystemState_Mode()	1		
target_CDDInterface_Per2_AssistAssemblyPolarity_Cnt_s08.value	1		
target_CDDInterface_Per2_CommOffset_Cnt_u16.value	1485		
target_CDDInterface_Per2_MRFMtrVel_MtrRadpS_f32.value	-147.690002		
target_CDDInterface_Per2_MtrCurr1TempOffset_Volt_f32.value	-0.0112304688		
target_CDDInterface_Per2_MtrCurr2TempOffset_Volt_f32.value	-0.0219726563		
target_CDDInterface_Per2_MtrPosPolarity_Cnt_s08.value	1		
target_CDDInterface_Per2_MtrTrqCmdSign_Cnt_s16.value	-1		
target_CDDInterface_Per2_Vecu_Volt_f32.value	6.36000013		
target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_AssistAssemblyPolarity_Ci	nt target_CDDInterface_Per2_AssistAsse	emblyPolarity_Cnt_s08	
target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_CommOffset_Cnt_u16	target_CDDInterface_Per2_CommOffs	et_Cnt_u16	
target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_MRFMtrVel_MtrRadpS_f32	target_CDDInterface_Per2_MRFMtrVe	el_MtrRadpS_f32	
target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_MtrCurr1TempOffset_Volt_	f: target_CDDInterface_Per2_MtrCurr1T	empOffset_Volt_f32	
target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_MtrCurr2TempOffset_Volt_	f: target_CDDInterface_Per2_MtrCurr2T	empOffset_Volt_f32	
target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_MtrPosPolarity_Cnt_s08	target_CDDInterface_Per2_MtrPosPol	arity_Cnt_s08	
target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_MtrTrqCmdSign_Cnt_s16	target_CDDInterface_Per2_MtrTrqCme	dSign Cnt s16	
target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_Vecu_Volt_f32	target_CDDInterface_Per2_Vecu_Volt		
Name	Actual Value	Expected Value	Resu
CDD AppDataFwdPthAccessBfr Cnt G u16	0	0	11000
CDD AssistAssemblyPolarity Cnt G s08[0]	1	1	
CDD_AssistAssemblyPolarity_Cnt_G_s08[1]	-1	-1	
CDD MRFMtrVel MtrRadpS G f32[0]	-147.690002	-147.690002 ± 0.0009	
CDD MRFMtrVel MtrRadpS G f32[1]	151.380005	151.380005 ± 0.0009	
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	-0.0112304688	-0.0112304688 ± 0.0625	
CDD MtrCurr1TempOffset Volt G f32[1]	-0.00039999999	-0.00039999999 ± 0.0625	
CDD_MtrCurr2TempOffset_Volt_G_i32[0]	-0.0219726563	-0.00039999999 ± 0.0625	
CDD_MitCurr2TempOffset_Voit_G_I32[0] CDD_MtrCurr2TempOffset_Voit_G_I32[1]	0.000600000028	0.0006000000028 ± 0.0625	
: :	1485	1485	
CDD_MtrCurrOffComOffset_Cnt_G_u16[0] CDD_MtrCurrOffComOffset_Cnt_G_u16[1]	6966	6966	
CDD_MtrCurrOffComOffset_Cnt_G_u16[1]			
CDD MtrDeeDelevity Cot C e00[0]			
CDD_MtrPosPolarity_Cnt_G_s08[0] CDD_MtrPosPolarity_Cnt_G_s08[1]	1	1	

6.36000013

13.1800003

CDD_SysState_Cnt_G_Enum
CDD_Vecu_Volt_G_f32[0]

CDD_Vecu_Volt_G_f32[1]

6.36000013 ± 0.000009

13.1800003 ± 0.00009



Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Sa_CDDInterface_SystemState_Mode	1	Rte_Mode_Sa_CDDInterface_SystemState_Mode	1	~

Test Step 1.5 (Repeat Count = 1) Name	Input Value		
CDD AppDataFwdPthAccessBfr Cnt G u16	0		
CDD_Appbatal wor triAccessbil_Cfit_G_010 CDD AssistAssemblyPolarity Cnt G s08[0]	1		
CDD_AssistAssemblyPolarity_Cnt_G_s08[1]	1		
CDD_AssistAssemblyFolarity_Crit_G_soo[1] CDD_MRFMtrVel_MtrRadpS_G_f32[0]	100.264999		
CDD_MRFMtrVel_MtrRadpS_G_i32[0] CDD_MRFMtrVel_MtrRadpS_G_f32[1]	110.487999		
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	0.000500000024		
CDD_MtrCurr1TempOffset_Volt_G_I32[0] CDD MtrCurr1TempOffset Volt G f32[1]	0.000500000024		
CDD_MtrCurr2TempOffset_Volt_G_I32[i]	-0.000699999975		
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	-0.00079999998		
CDD_MtrCurrOffComOffset_Voit_G_I32[1] CDD MtrCurrOffComOffset Cnt G u16[0]	5019		
CDD_MitCurrOffComOffset Cnt G u16[1]	7153		
	1		
CDD_MtrPosPolarity_Cnt_G_s08[0]	-1		
CDD_MtrPosPolarity_Cnt_G_s08[1]			
CDD_Vecu_Volt_G_f32[0]	14.2799997		
CDD_Vecu_Volt_G_f32[1]	15.1800003	200	
Rte_Inst_Sa_CDDInterface	target_Rte_Inst_Sa_CDDInterfa	11 .	
Rte_Mode_Sa_CDDInterface_SystemState_Mode()			
target_CDDInterface_Per2_AssistAssemblyPolarity_Cnt_s08.value	-1		
target_CDDInterface_Per2_CommOffset_Cnt_u16.value	65535		
target_CDDInterface_Per2_MRFMtrVel_MtrRadpS_f32.value	-624.25		
target_CDDInterface_Per2_MtrCurr1TempOffset_Volt_f32.value	-0.0219726563		
target_CDDInterface_Per2_MtrCurr2TempOffset_Volt_f32.value	-0.0258789063		
target_CDDInterface_Per2_MtrPosPolarity_Cnt_s08.value	1		
target_CDDInterface_Per2_MtrTrqCmdSign_Cnt_s16.value	-1		
target_CDDInterface_Per2_Vecu_Volt_f32.value	8.25		
target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_AssistAssemblyPolarity			
target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_CommOffset_Cnt_u16	target_CDDInterface_Per2_Cor		
target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_MRFMtrVel_MtrRadpS			
target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_MtrCurr1TempOffset_V			
target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_MtrCurr2TempOffset_V			
target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_MtrPosPolarity_Cnt_s0		·	
target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_MtrTrqCmdSign_Cnt_s			
target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_Vecu_Volt_f32	target_CDDInterface_Per2_Vec		
Name	Actual Value	Expected Value	Resi
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	1	1	
CDD_AssistAssemblyPolarity_Cnt_G_s08[0]	1	1	
CDD_AssistAssemblyPolarity_Cnt_G_s08[1]	-1	-1	
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	100.264999	100.264999 ± 0.0009	
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	-624.25	-624.25 ± 0.0009	
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	0.000500000024	0 ± 0.0625	
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	-0.0219726563	-0.0219726563 ± 0.0625	
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	-0.000699999975	0 ± 0.0625	
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	-0.0258789063	-0.0258789063 ± 0.0625	
CDD_MtrCurrOffComOffset_Cnt_G_u16[0]	5019	5019	
CDD_MtrCurrOffComOffset_Cnt_G_u16[1]	65535	65535	
CDD_MtrPosPolarity_Cnt_G_s08[0]	1	1	
CDD_MtrPosPolarity_Cnt_G_s08[1]	1	1	
CDD_SysState_Cnt_G_Enum	3	3	
CDD_Vecu_Volt_G_f32[0]	14.2799997	14.2799997 ± 0.00009	
	8.25	8.25 ± 0.000009	

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Sa_CDDInterface_SystemState_Mode	1	Rte_Mode_Sa_CDDInterface_SystemState_Mode	1	•

Test Step 1.6 (Repeat Count = 1)	
Name	Input Value
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	1
CDD_AssistAssemblyPolarity_Cnt_G_s08[0]	1
CDD_AssistAssemblyPolarity_Cnt_G_s08[1]	-1
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	-134.268005

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CDDInterrace_Per2			MACITAL
Name	Input Value		
CDD MRFMtrVel MtrRadpS G f32[1]	-123.785004		
CDD MtrCurr1TempOffset Volt G f32[0]	-0.000699999975		
CDD MtrCurr1TempOffset Volt G f32[1]	-0.00079999998		
CDD MtrCurr2TempOffset Volt G f32[0]	0.000899999985		
CDD MtrCurr2TempOffset Volt G f32[1]	0.00100000005		
CDD MtrCurrOffComOffset Cnt G u16[0]	5140		
CDD_MtrCurrOffComOffset_Cnt_G_u16[1]	7340		
CDD_MtrPosPolarity_Cnt_G_s08[0]	-1		
CDD_MtrPosPolarity_Cnt_G_s08[1]	1		
CDD_Vecu_Volt_G_f32[0]	16.8500004		
CDD Vecu Volt G f32[1]	17.9599991		
Rte Inst Sa CDDInterface	target Rte Inst Sa CDDInterface		
Rte Mode Sa CDDInterface SystemState Mode()	4		
target CDDInterface Per2 AssistAssemblyPolarity Cnt s08.value	-1		
target CDDInterface Per2 CommOffset Cnt u16.value	5000		
target CDDInterface Per2 MRFMtrVel MtrRadpS f32.value	145.25		
target CDDInterface Per2 MtrCurr1TempOffset Volt f32.value	0.0122070313		
target_CDDInterface_Per2_MtrCurr2TempOffset_Volt_f32.value	0.0258789063		
target CDDInterface Per2 MtrPosPolarity Cnt s08.value	-1		
target_CDDInterface_Per2_MtrTrqCmdSign_Cnt_s16.value	1		
target_CDDInterface_Per2_Vecu_Volt_f32.value	5.67999983		
target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_AssistAssemblyPolarity_Cnt	target CDDInterface Per2 AssistAssemblyF	Polarity Cnt s08	
target Rte Inst Sa CDDInterface.CDDInterface Per2 CommOffset Cnt u16	target CDDInterface Per2 CommOffset Cn		
target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_MRFMtrVel_MtrRadpS_f32	target_CDDInterface_Per2_MRFMtrVel_MtrF	RadpS f32	
target Rte Inst Sa CDDInterface.CDDInterface Per2 MtrCurr1TempOffset Volt f.	target_CDDInterface_Per2_MtrCurr1TempOf	fset_Volt_f32	
target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_MtrCurr2TempOffset_Volt_f.	target_CDDInterface_Per2_MtrCurr2TempOf	fset_Volt_f32	
target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_MtrPosPolarity_Cnt_s08	target_CDDInterface_Per2_MtrPosPolarity_0	Cnt_s08	
target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_MtrTrqCmdSign_Cnt_s16	target_CDDInterface_Per2_MtrTrqCmdSign_	_Cnt_s16	
target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_Vecu_Volt_f32	target_CDDInterface_Per2_Vecu_Volt_f32		
Name	Actual Value	Expected Value	Result
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	0	0	✓
CDD_AssistAssemblyPolarity_Cnt_G_s08[0]	-1	-1	✓
CDD_AssistAssemblyPolarity_Cnt_G_s08[1]	-1	-1	✓
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	145.25	145.25 ± 0.0009	✓
CDD MRFMtrVel MtrRadpS G f32[1]	-123.785004	-123.785004 ± 0.0009	✓
CDD MtrCurr1TempOffset Volt G f32[0]	0.0122070313	0.0122070313 ± 0.0625	✓
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	-0.00079999998	-0.00079999998 ± 0.0625	✓
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	0.0258789063	0.0258789063 ± 0.0625	✓
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	0.00100000005	0.00100000005 ± 0.0625	✓
CDD_MtrCurrOffComOffset_Cnt_G_u16[0]	5000	5000	✓
CDD_MtrCurrOffComOffset_Cnt_G_u16[1]	7340	7340	•
CDD_MtrPosPolarity_Cnt_G_s08[0]	-1	-1	✓
CDD_MtrPosPolarity_Cnt_G_s08[1]	1	1	•
CDD SysState Cnt G Enum	4	4	✓
CDD_Vecu_Volt_G_f32[0]	5.67999983	5.67999983 ± 0.000009	✓

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
Rte Mode Sa CDDInterface SystemState Mode	1	Rte Mode Sa CDDInterface SystemState Mode	1	~

Test Step 1.7 (Repeat Count = 1)		✓
Name	Input Value	
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	0	
CDD_AssistAssemblyPolarity_Cnt_G_s08[0]	-1	
CDD_AssistAssemblyPolarity_Cnt_G_s08[1]	1	
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	147.304993	
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	158.048004	
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	0.000899999985	
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	0.00100000005	
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	-0.00109999999	
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	-0.00120000006	
CDD_MtrCurrOffComOffset_Cnt_G_u16[0]	5261	
CDD_MtrCurrOffComOffset_Cnt_G_u16[1]	7527	
CDD_MtrPosPolarity_Cnt_G_s08[0]	-1	
CDD_MtrPosPolarity_Cnt_G_s08[1]	-1	
CDD_Vecu_Volt_G_f32[0]	18.25	
CDD_Vecu_Volt_G_f32[1]	19.5799999	
Rte_Inst_Sa_CDDInterface	target_Rte_Inst_Sa_CDDInterface	
Rte_Mode_Sa_CDDInterface_SystemState_Mode()	3	

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, 10.42.41 10000		Razoncat
Input Value		
-1		
2564		
-586.349976		
0.00390625		
0.0161132813		
-1		
1		
7.28000021		
target_CDDInterface_Per2_AssistAssemblyP	olarity_Cnt_s08	
target_CDDInterface_Per2_CommOffset_Cn	t_u16	
target_CDDInterface_Per2_MRFMtrVel_MtrF	adpS_f32	
target_CDDInterface_Per2_MtrCurr1TempOf	fset_Volt_f32	
target_CDDInterface_Per2_MtrCurr2TempOf	fset_Volt_f32	
target_CDDInterface_Per2_MtrPosPolarity_0	cnt_s08	
target_CDDInterface_Per2_MtrTrqCmdSign_	Cnt_s16	
target_CDDInterface_Per2_Vecu_Volt_f32		
Actual Value	Expected Value	Result
1	1	✓
-1	-1	✓
-1	-1	✓
	Input Value -1 2564 -586.349976 0.00390625 0.0161132813 -1 1 7.28000021 target_CDDInterface_Per2_AssistAssemblyP target_CDDInterface_Per2_MRFMtrVel_MtrR target_CDDInterface_Per2_MtrCurr1TempOf target_CDDInterface_Per2_MtrCurr2TempOf target_CDDInterface_Per2_MtrPosPolarity_Ctarget_CDDInterface_Per2_MtrTrqCmdSign_target_CDDInterface_Per2_Vecu_Volt_f32 Actual Value 1 -1	Input Value

target_Rte_inst_Sa_CDDInterface.CDDInterface_Per2_vecu_voit_f32	target_CDDInterface_Per2_vecu_voit_f32		
Name	Actual Value	Expected Value	Result
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	1	1	~
CDD_AssistAssemblyPolarity_Cnt_G_s08[0]	-1	-1	✓
CDD_AssistAssemblyPolarity_Cnt_G_s08[1]	-1	-1	~
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	147.304993	147.304993 ± 0.0009	~
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	-586.349976	-586.349976 ± 0.0009	~
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	0.000899999985	0 ± 0.0625	•
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	0.00390625	0.00390625 ± 0.0625	~
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	-0.00109999999	0 ± 0.0625	•
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	0.0161132813	0.0161132813 ± 0.0625	~
CDD_MtrCurrOffComOffset_Cnt_G_u16[0]	5261	5261	•
CDD_MtrCurrOffComOffset_Cnt_G_u16[1]	2564	2564	~
CDD_MtrPosPolarity_Cnt_G_s08[0]	-1	-1	~
CDD_MtrPosPolarity_Cnt_G_s08[1]	-1	-1	~
CDD_SysState_Cnt_G_Enum	3	3	~
CDD_Vecu_Volt_G_f32[0]	18.25	18.25 ± 0.00009	~
CDD_Vecu_Volt_G_f32[1]	7.28000021	7.28000021 ± 0.000009	~

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Sa_CDDInterface_SystemState_Mode	1	Rte_Mode_Sa_CDDInterface_SystemState_Mode	1	~

Fest Step 1.8 (Repeat Count = 1)	Innut Value
lame	Input Value
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	1
CDD_AssistAssemblyPolarity_Cnt_G_s08[0]	-1
CDD_AssistAssemblyPolarity_Cnt_G_s08[1]	-1
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	-181.828003
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	-170.824997
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	-0.00109999999
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	-0.00120000006
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	0.0013
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	0.00139999995
CDD_MtrCurrOffComOffset_Cnt_G_u16[0]	5382
CDD_MtrCurrOffComOffset_Cnt_G_u16[1]	7714
CDD_MtrPosPolarity_Cnt_G_s08[0]	1
CDD_MtrPosPolarity_Cnt_G_s08[1]	1
CDD_Vecu_Volt_G_f32[0]	20.2800007
DD_Vecu_Volt_G_f32[1]	21.2600002
Rte_Inst_Sa_CDDInterface	target_Rte_Inst_Sa_CDDInterface
Rte_Mode_Sa_CDDInterface_SystemState_Mode()	2
arget_CDDInterface_Per2_AssistAssemblyPolarity_Cnt_s08.value	1
arget_CDDInterface_Per2_CommOffset_Cnt_u16.value	2548
arget_CDDInterface_Per2_MRFMtrVel_MtrRadpS_f32.value	-1118
arget_CDDInterface_Per2_MtrCurr1TempOffset_Volt_f32.value	-0.0219726563
arget_CDDInterface_Per2_MtrCurr2TempOffset_Volt_f32.value	0
arget_CDDInterface_Per2_MtrPosPolarity_Cnt_s08.value	-1
arget_CDDInterface_Per2_MtrTrqCmdSign_Cnt_s16.value	-1
arget_CDDInterface_Per2_Vecu_Volt_f32.value	6.3499999
arget Rte Inst Sa CDDInterface.CDDInterface Per2 AssistAssemblyPolarity C	nt target CDDInterface Per2 AssistAssemblyPolarity Cnt s08
arget_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_CommOffset_Cnt_u16	target_CDDInterface_Per2_CommOffset_Cnt_u16
arget Rte Inst Sa CDDInterface.CDDInterface Per2 MRFMtrVel MtrRadpS f3:	
arget Rte Inst Sa CDDInterface.CDDInterface Per2 MtrCurr1TempOffset Volt	
arget Rte Inst Sa CDDInterface.CDDInterface Per2 MtrCurr2TempOffset Volt	

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CDDInterface_Per2

Name	Input Value		
target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_MtrPosPolarity_Cnt_s08	target_CDDInterface_Per2_MtrPosPolarity_0	Cnt_s08	
target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_MtrTrqCmdSign_Cnt_s16	target_CDDInterface_Per2_MtrTrqCmdSign_Cnt_s16		
target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_Vecu_Volt_f32	target_CDDInterface_Per2_Vecu_Volt_f32		
Name	Actual Value	Expected Value	Result
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	0	0	~
CDD_AssistAssemblyPolarity_Cnt_G_s08[0]	1	1	~
CDD_AssistAssemblyPolarity_Cnt_G_s08[1]	-1	-1	~
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	-1118	-1118 ± 0.0009	~
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	-170.824997	-170.824997 ± 0.0009	~
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	-0.0219726563	-0.0219726563 ± 0.0625	~
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	-0.00120000006	-0.00120000006 ± 0.0625	~
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	0	0 ± 0.0625	~
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	0.00139999995	0.00139999995 ± 0.0625	~
CDD_MtrCurrOffComOffset_Cnt_G_u16[0]	2548	2548	~
CDD_MtrCurrOffComOffset_Cnt_G_u16[1]	7714	7714	~
CDD_MtrPosPolarity_Cnt_G_s08[0]	-1	-1	~
CDD_MtrPosPolarity_Cnt_G_s08[1]	1	1	~
CDD_SysState_Cnt_G_Enum	2	2	~
CDD_Vecu_Volt_G_f32[0]	6.3499999	6.3499999 ± 0.000009	~
CDD_Vecu_Volt_G_f32[1]	21.2600002	21.2600002 ± 0.00009	~

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Sa_CDDInterface_SystemState_Mode	1	Rte_Mode_Sa_CDDInterface_SystemState_Mode	1	~

Test Step 1.9 (Repeat Count = 1)			•		
Name	Input Value				
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	0				
CDD_AssistAssemblyPolarity_Cnt_G_s08[0]	1				
CDD_AssistAssemblyPolarity_Cnt_G_s08[1]	1				
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	194.345001				
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	205.608002				
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	0.0013				
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	0.00139999995				
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	-0.00150000001				
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	-0.00159999996				
CDD_MtrCurrOffComOffset_Cnt_G_u16[0]	4656				
CDD_MtrCurrOffComOffset_Cnt_G_u16[1]	6592				
CDD_MtrPosPolarity_Cnt_G_s08[0]	1				
CDD_MtrPosPolarity_Cnt_G_s08[1]	-1				
CDD_Vecu_Volt_G_f32[0]	22.4699993				
CDD_Vecu_Volt_G_f32[1]	23.2800007				
Rte_Inst_Sa_CDDInterface	target_Rte_Inst_Sa_CDDInterfa	ace			
Rte_Mode_Sa_CDDInterface_SystemState_Mode()	1				
target_CDDInterface_Per2_AssistAssemblyPolarity_Cnt_s08.value	1				
target_CDDInterface_Per2_CommOffset_Cnt_u16.value	3254	3254			
target_CDDInterface_Per2_MRFMtrVel_MtrRadpS_f32.value	1118				
target_CDDInterface_Per2_MtrCurr1TempOffset_Volt_f32.value	0.0122070313	0.0122070313			
target_CDDInterface_Per2_MtrCurr2TempOffset_Volt_f32.value	-0.0219726563				
target_CDDInterface_Per2_MtrPosPolarity_Cnt_s08.value	1				
target_CDDInterface_Per2_MtrTrqCmdSign_Cnt_s16.value	-1				
target_CDDInterface_Per2_Vecu_Volt_f32.value	8.27999973				
$target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_AssistAssemblyPolarity and the property of the property of$	arity_Cnt target_CDDInterface_Per2_Ass	sistAssemblyPolarity_Cnt_s08			
$target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_CommOffset_Cnt_units and the property of t$	target_CDDInterface_Per2_Co	mmOffset_Cnt_u16			
$target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_MRFMtrVel_MtrRace_Per2_MtrRace_P$	dpS_f32 target_CDDInterface_Per2_MR	FMtrVel_MtrRadpS_f32			
$target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_MtrCurr1TempOffsetAllered and the control of the control of$	et_Volt_f: target_CDDInterface_Per2_Mtr	Curr1TempOffset_Volt_f32			
$target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_MtrCurr2TempOffsetAllered and the control of the control of$	et_Volt_f: target_CDDInterface_Per2_Mtr	Curr2TempOffset_Volt_f32			
$target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_MtrPosPolarity_Cnt_Inst_Sa_CDDInterface_Per2_MtrPosPolarity_Per2$	_s08 target_CDDInterface_Per2_Mtr	PosPolarity_Cnt_s08			
$target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_MtrTrqCmdSign_Crr$	nt_s16 target_CDDInterface_Per2_Mtr	TrqCmdSign_Cnt_s16			
target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_Vecu_Volt_f32	target_CDDInterface_Per2_Ver	cu_Volt_f32			
Name	Actual Value	Expected Value	Resul		
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	1	1	•		
CDD_AssistAssemblyPolarity_Cnt_G_s08[0]	1	1	•		
CDD_AssistAssemblyPolarity_Cnt_G_s08[1]	1	1	•		
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	194.345001	194.345001 ± 0.0009	•		
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	1118	1118 ± 0.009	•		
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	0.0013	0 ± 0.0625	•		
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	0.0122070313	0.0122070313 ± 0.0625			
AND AND OF THE STATE OF THE STA	0.0045000004				

-0.00150000001

-0.0219726563

0 ± 0.0625

-0.0219726563 ± 0.0625

CDD_MtrCurr2TempOffset_Volt_G_f32[0]

CDD_MtrCurr2TempOffset_Volt_G_f32[1]

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Name	Actual Value	Expected Value	Result
CDD_MtrCurrOffComOffset_Cnt_G_u16[0]	4656	4656	~
CDD_MtrCurrOffComOffset_Cnt_G_u16[1]	3254	3254	~
CDD_MtrPosPolarity_Cnt_G_s08[0]	1	1	~
CDD_MtrPosPolarity_Cnt_G_s08[1]	1	1	~
CDD_SysState_Cnt_G_Enum	1	1	•
CDD_Vecu_Volt_G_f32[0]	22.4699993	22.4699993 ± 0.00009	~
CDD_Vecu_Volt_G_f32[1]	8.27999973	8.27999973 ± 0.000009	•

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Sa_CDDInterface_SystemState_Mode	1	Rte_Mode_Sa_CDDInterface_SystemState_Mode	1	~

Test Step 1.10 (Repeat Count = 1) Name	Input Value			
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	1			
CDD AssistAssemblyPolarity Cnt G s08[0]	1			
CDD_AssistAssemblyPolarity_Cnt_G_s06[0] CDD AssistAssemblyPolarity Cnt G s08[1]	-1			
CDD_AssistAssemblyPolarity_Cnt_G_soo[1] CDD_MRFMtrVel_MtrRadpS_G_f32[0]	120.710999			
	130.934006			
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	-0.00150000001			
CDD_MtrCurr1TempOffset_Volt_G_f32[0]				
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	-0.00159999996			
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	0.00469999993 0.00480000023			
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	4777			
CDD_MtrCurrOffComOffset_Cnt_G_u16[0]	6779			
CDD_MtrCurrOffComOffset_Cnt_G_u16[1]				
CDD_MtrPosPolarity_Cnt_G_s08[0]	-1 1			
CDD_MtrPosPolarity_Cnt_G_s08[1]	·			
CDD_Vecu_Volt_G_f32[0]	7.17999983			
CDD_Vecu_Volt_G_f32[1]	8.57999992			
Rte_Inst_Sa_CDDInterface	target_Rte_Inst_Sa_CDDInterfa	ace		
Rte_Mode_Sa_CDDInterface_SystemState_Mode()	0			
target_CDDInterface_Per2_AssistAssemblyPolarity_Cnt_s08.value	-1			
target_CDDInterface_Per2_CommOffset_Cnt_u16.value	4589			
target_CDDInterface_Per2_MRFMtrVel_MtrRadpS_f32.value	0			
target_CDDInterface_Per2_MtrCurr1TempOffset_Volt_f32.value	-0.0258789063			
target_CDDInterface_Per2_MtrCurr2TempOffset_Volt_f32.value		-0.0161132813		
target_CDDInterface_Per2_MtrPosPolarity_Cnt_s08.value	1			
target_CDDInterface_Per2_MtrTrqCmdSign_Cnt_s16.value	-1			
target_CDDInterface_Per2_Vecu_Volt_f32.value	9.27999973			
target Rte Inst Sa CDDInterface.CDDInterface Per2 AssistAssembly		, ,		
target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_CommOffset_Ci				
target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_MRFMtrVel_Mtr				
target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_MtrCurr1TempC				
target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_MtrCurr2TempC				
target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_MtrPosPolarity_		·		
target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_MtrTrqCmdSign				
target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_Vecu_Volt_f32	target_CDDInterface_Per2_Ver			
Name	Actual Value	Expected Value	Resu	
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	0	0		
CDD_AssistAssemblyPolarity_Cnt_G_s08[0]	-1	-1		
CDD_AssistAssemblyPolarity_Cnt_G_s08[1]	-1	-1		
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	0	0 ± 0.00009		
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	130.934006	130.934006 ± 0.0009		
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	-0.0258789063	-0.0258789063 ± 0.0625		
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	-0.00159999996	-0.00159999996 ± 0.0625		
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	-0.0161132813	-0.0161132813 ± 0.0625		
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	0.00480000023	0.00480000023 ± 0.0625		
CDD_MtrCurrOffComOffset_Cnt_G_u16[0]	4589	4589		
CDD_MtrCurrOffComOffset_Cnt_G_u16[1]	6779	6779		
CDD_MtrPosPolarity_Cnt_G_s08[0]	1	1		
CDD_MtrPosPolarity_Cnt_G_s08[1]	1	1		
CDD_SysState_Cnt_G_Enum	0	0		
CDD Vecu Volt G f32[0]	9.27999973	9.27999973 ± 0.000009		

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Sa_CDDInterface_SystemState_Mode	1	Rte_Mode_Sa_CDDInterface_SystemState_Mode	1	~





Test Step 1.11 (Repeat Count = 1)				
Name	Input Value	Input Value		
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	0			
CDD_AssistAssemblyPolarity_Cnt_G_s08[0]	-1			
CDD_AssistAssemblyPolarity_Cnt_G_s08[1]	1			
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	144.751007			
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	155.233994			
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	0.00469999993			
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	0.00480000023			
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	-0.0049000006			
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	-0.0049999989			
CDD_MtrCurrOffComOffset_Cnt_G_u16[0]	4898			
CDD_MtrCurrOffComOffset_Cnt_G_u16[1]	6966			
CDD_MtrPosPolarity_Cnt_G_s08[0]	-1			
CDD_MtrPosPolarity_Cnt_G_s08[1]	-1			
CDD_Vecu_Volt_G_f32[0]	9.27999973			
CDD_Vecu_Volt_G_f32[1]	10.2799997			
Rte_Inst_Sa_CDDInterface	target_Rte_Inst_Sa_CDDInterf	ace		
Rte_Mode_Sa_CDDInterface_SystemState_Mode()	1			
target_CDDInterface_Per2_AssistAssemblyPolarity_Cnt_s08.value	-1			
target_CDDInterface_Per2_CommOffset_Cnt_u16.value	2358			
target_CDDInterface_Per2_MRFMtrVel_MtrRadpS_f32.value	783.25			
target_CDDInterface_Per2_MtrCurr1TempOffset_Volt_f32.value	0.0078125	0.0078125		
target_CDDInterface_Per2_MtrCurr2TempOffset_Volt_f32.value	0.0078125	0.0078125		
target_CDDInterface_Per2_MtrPosPolarity_Cnt_s08.value	-1	-1		
target_CDDInterface_Per2_MtrTrqCmdSign_Cnt_s16.value	1			
target_CDDInterface_Per2_Vecu_Volt_f32.value	12.3500004			
target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_AssistAssemblyPertarget_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_AssistAssemblyPertarget_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_AssistAssemblyPertarget_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_AssistAssemblyPertarget_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_AssistAssemblyPertarget_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_AssistAssemblyPertarget_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_AssistAssemblyPertarget_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_AssistAssemblyPertarget_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_AssistAssemblyPertarget_Rte_Inst_Sa_CDDInterface_Per2_AssistAssemblyPertarget_Rte_Inst_Sa_CDDInterface_Per2_AssistAssemblyPertarget_Rte_Inst_Sa_CDDInterface_Per2_AssistAssemblyPertarget_Rte_Inst_Sa_CDDInterface_Per2_AssistAssemblyPertarget_Rte_Inst_Sa_CDDInterface_Per2_AssistAssemblyPertarget_Rte_Inst_Sa_CDDInterface_Per2_AssistAssemblyPertarget_Rte_Inst_Sa_CDDInterface_Per2_AssistAssemblyPertarget_Rte_Inst_Sa_CDDInterface_Per2_AssistAssemblyPertarget_Rte_Inst_Sa_CDDInterface_Per2_AssistAssistAssemblyPertarget_Rte_Inst_Sa_CDDInterface_Per2_AssistAs	olarity_Cnt target_CDDInterface_Per2_As	sistAssemblyPolarity_Cnt_s08		
target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_CommOffset_Cnt	_u16 target_CDDInterface_Per2_Co	mmOffset_Cnt_u16		
target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_MRFMtrVel_MtrR	adpS_f32 target_CDDInterface_Per2_MF	RFMtrVel_MtrRadpS_f32		
target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_MtrCurr1TempOff	fset_Volt_f; target_CDDInterface_Per2_Mtr	Curr1TempOffset_Volt_f32		
target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_MtrCurr2TempOff	fset_Volt_f; target_CDDInterface_Per2_Mtr	Curr2TempOffset_Volt_f32		
target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_MtrPosPolarity_C	nt_s08 target_CDDInterface_Per2_Mtr	PosPolarity_Cnt_s08		
target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_MtrTrqCmdSign_0	Cnt_s16 target_CDDInterface_Per2_Mtr	TrqCmdSign_Cnt_s16		
target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_Vecu_Volt_f32	target_CDDInterface_Per2_Ve	cu_Volt_f32		
Name	Actual Value	Expected Value	Resu	
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	1	1		
CDD_AssistAssemblyPolarity_Cnt_G_s08[0]	-1	-1		
CDD_AssistAssemblyPolarity_Cnt_G_s08[1]	-1	-1		
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	144.751007	144.751007 ± 0.0009		
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	783.25	783.25 ± 0.0009		
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	0.0046999993	0 ± 0.0625		
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	0.0078125	0.0078125 ± 0.0625		
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	-0.0049000006	0 ± 0.0625		
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	0.0078125	0.0078125 ± 0.0625		
CDD_MtrCurrOffComOffset_Cnt_G_u16[0]	4898	4898		
CDD_MtrCurrOffComOffset_Cnt_G_u16[1]	2358	2358		
CDD_MtrPosPolarity_Cnt_G_s08[0]	-1	-1		
CDD_MtrPosPolarity_Cnt_G_s08[1]	-1	-1		
CDD_SysState_Cnt_G_Enum	1	1		
CDD_Vecu_Volt_G_f32[0]	9.27999973	9.27999973 ± 0.000009		

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte Mode Sa CDDInterface SystemState Mode	1	Rte Mode Sa CDDInterface SystemState Mode	1	_

Test Step 1.12 (Repeat Count = 1)	✓	
Name	Input Value	
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	0	
CDD_AssistAssemblyPolarity_Cnt_G_s08[0]	-1	
CDD_AssistAssemblyPolarity_Cnt_G_s08[1]	-1	
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	-168.791	
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	-159.533997	
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	-0.00490000006	
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	-0.00499999989	
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	0.00510000018	
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	0.00520000001	
CDD_MtrCurrOffComOffset_Cnt_G_u16[0]	5019	

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Name	Input Value		
CDD_MtrCurrOffComOffset_Cnt_G_u16[1]	7153		
CDD_MtrPosPolarity_Cnt_G_s08[0]	1		
CDD_MtrPosPolarity_Cnt_G_s08[1]	1		
CDD_Vecu_Volt_G_f32[0]	10.25		
CDD_Vecu_Volt_G_f32[1]	11.1499996		
Rte_Inst_Sa_CDDInterface	target_Rte_Inst_Sa_CDDInterface		
Rte_Mode_Sa_CDDInterface_SystemState_Mode()	3		
target_CDDInterface_Per2_AssistAssemblyPolarity_Cnt_s08.value	-1		
target_CDDInterface_Per2_CommOffset_Cnt_u16.value	3547		
target_CDDInterface_Per2_MRFMtrVel_MtrRadpS_f32.value	-825.359985		
target_CDDInterface_Per2_MtrCurr1TempOffset_Volt_f32.value	0.0161132813		
target_CDDInterface_Per2_MtrCurr2TempOffset_Volt_f32.value	0.0122070313		
target_CDDInterface_Per2_MtrPosPolarity_Cnt_s08.value	-1		
target_CDDInterface_Per2_MtrTrqCmdSign_Cnt_s16.value	1		
target_CDDInterface_Per2_Vecu_Volt_f32.value	13.1400003		
target Rte Inst Sa CDDInterface.CDDInterface Per2 AssistAssemblyPolarity Cnt	target_CDDInterface_Per2_AssistAssembly	Polarity_Cnt_s08	
target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_CommOffset_Cnt_u16	target_CDDInterface_Per2_CommOffset_Cr	nt_u16	
$target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_MRFMtrVel_MtrRadpS_f32$	target_CDDInterface_Per2_MRFMtrVel_Mtr	RadpS_f32	
$target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_MtrCurr1TempOffset_Volt_face_Per2_MtrCurr1TempOffset_NtrCurr1Temp$	target_CDDInterface_Per2_MtrCurr1TempC	ffset_Volt_f32	
$target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_MtrCurr2TempOffset_Volt_face_Per2_MtrCurr2TempOffset_Nolt_face_Per2_MtrCurr2TempOffset_Nol$	target_CDDInterface_Per2_MtrCurr2TempC	ffset_Volt_f32	
target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_MtrPosPolarity_Cnt_s08	target_CDDInterface_Per2_MtrPosPolarity_	Cnt_s08	
target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_MtrTrqCmdSign_Cnt_s16	target_CDDInterface_Per2_MtrTrqCmdSign	_Cnt_s16	
target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_Vecu_Volt_f32	target_CDDInterface_Per2_Vecu_Volt_f32		
Name	Actual Value	Expected Value	Result
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	1	1	~
CDD_AssistAssemblyPolarity_Cnt_G_s08[0]	-1	-1	✓
CDD_AssistAssemblyPolarity_Cnt_G_s08[1]	-1	-1	✓
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	-168.791	-168.791 ± 0.0009	✓
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	-825.359985	-825.359985 ± 0.0009	✓
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	-0.00490000006	0 ± 0.0625	✓
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	0.0161132813	0.0161132813 ± 0.0625	✓
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	0.00510000018	0 ± 0.0625	•
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	0.0122070313	0.0122070313 ± 0.0625	✓
CDD_MtrCurrOffComOffset_Cnt_G_u16[0]	5019	5019	•
CDD_MtrCurrOffComOffset_Cnt_G_u16[1]	3547	3547	✓
CDD_MtrPosPolarity_Cnt_G_s08[0]	1	1	~
CDD_MtrPosPolarity_Cnt_G_s08[1]	-1	-1	✓
CDD_SysState_Cnt_G_Enum	3	3	~
CDD_Vecu_Volt_G_f32[0]	10.25	10.25 ± 0.00009	~
CDD_Vecu_Volt_G_f32[1]	13.1400003	13.1400003 ± 0.00009	✓

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte Mode Sa CDDInterface SystemState Mode	1	Rte Mode Sa CDDInterface SystemState Mode	1	_

Test Step 4.42 (Beneat Count = 4)	
Test Step 1.13 (Repeat Count = 1)	V 4W1
Name	Input Value
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	0
CDD_AssistAssemblyPolarity_Cnt_G_s08[0]	1
CDD_AssistAssemblyPolarity_Cnt_G_s08[1]	1
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	192.830994
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	203.834
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	0.00510000018
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	0.00520000001
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	-0.00529999984
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	-0.00540000014
CDD_MtrCurrOffComOffset_Cnt_G_u16[0]	5140
CDD_MtrCurrOffComOffset_Cnt_G_u16[1]	7340
CDD_MtrPosPolarity_Cnt_G_s08[0]	1
CDD_MtrPosPolarity_Cnt_G_s08[1]	-1
CDD_Vecu_Volt_G_f32[0]	12.25
CDD_Vecu_Volt_G_f32[1]	13.1800003
Rte_Inst_Sa_CDDInterface	target_Rte_Inst_Sa_CDDInterface
Rte_Mode_Sa_CDDInterface_SystemState_Mode()	4
target_CDDInterface_Per2_AssistAssemblyPolarity_Cnt_s08.value	1
target_CDDInterface_Per2_CommOffset_Cnt_u16.value	5869
target_CDDInterface_Per2_MRFMtrVel_MtrRadpS_f32.value	-358.884979
target_CDDInterface_Per2_MtrCurr1TempOffset_Volt_f32.value	-0.0258789063
target_CDDInterface_Per2_MtrCurr2TempOffset_Volt_f32.value	-0.0112304688
target_CDDInterface_Per2_MtrPosPolarity_Cnt_s08.value	1





Name	Input Value		
target_CDDInterface_Per2_MtrTrqCmdSign_Cnt_s16.value	-1		
target_CDDInterface_Per2_Vecu_Volt_f32.value	10.2399998		
$target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_AssistAssemblyPolarity and the property of the property of$	_Cnt target_CDDInterface_Per2_Assis	tAssemblyPolarity_Cnt_s08	
$target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_CommOffset_Cnt_u16$	target_CDDInterface_Per2_Comr	mOffset_Cnt_u16	
$target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_MRFMtrVel_MtrRadpS_{a}$	_f32 target_CDDInterface_Per2_MRFI	MtrVel_MtrRadpS_f32	
$target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_MtrCurr1TempOffset_Value = 0.0000000000000000000000000000000000$	/olt_f: target_CDDInterface_Per2_MtrCi	urr1TempOffset_Volt_f32	
target Rte Inst Sa CDDInterface.CDDInterface Per2 MtrCurr2TempOffset V	/olt_f: target_CDDInterface_Per2_MtrCi	urr2TempOffset_Volt_f32	
$target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_MtrPosPolarity_Cnt_s0 \\$	target_CDDInterface_Per2_MtrPc	osPolarity_Cnt_s08	
$target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_MtrTrqCmdSign_Cnt_starget_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_MtrTrqCmdSign_Cnt_starget_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_MtrTrqCmdSign_Cnt_starget_Rte_Inst_Sa_CDDInterface_Rte_Inst_Sa_CDInterface_Rte_Inst_Sa_CDInterface_Rte_Inst_Sa_CDInterface_Rte_Inst_Sa_CDInterface_Rte_Inst_Sa_CDInterface_Rte_Inst_Sa_CDInterface_Rte_Inst_Sa_CDInterface_Rte_Inst_Sa_CDInterface_Rte_Inst_Sa_CDInterface_Rte_Inst_Sa_CDInterface_Rte_Inst_Sa_CDInterface_Rte_Inst_Sa_CDIn$	target_CDDInterface_Per2_MtrTr	qCmdSign_Cnt_s16	
target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_Vecu_Volt_f32	target_CDDInterface_Per2_Vecu	_Volt_f32	
Name	Actual Value	Expected Value	Result
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	1	1	✓
CDD_AssistAssemblyPolarity_Cnt_G_s08[0]	1	1	✓
CDD_AssistAssemblyPolarity_Cnt_G_s08[1]	1	1	✓
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	192.830994	192.830994 ± 0.0009	✓
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	-358.884979	-358.884979 ± 0.0009	✓
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	0.00510000018	0 ± 0.0625	✓
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	-0.0258789063	-0.0258789063 ± 0.0625	✓
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	-0.00529999984	0 ± 0.0625	✓
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	-0.0112304688	-0.0112304688 ± 0.0625	✓
CDD_MtrCurrOffComOffset_Cnt_G_u16[0]	5140	5140	✓
CDD_MtrCurrOffComOffset_Cnt_G_u16[1]	5869	5869	✓
CDD_MtrPosPolarity_Cnt_G_s08[0]	1	1	✓
CDD_MtrPosPolarity_Cnt_G_s08[1]	-1	-1	✓
CDD_SysState_Cnt_G_Enum	4	4	✓
CDD_Vecu_Volt_G_f32[0]	12.25	12.25 ± 0.00009	✓
CDD_Vecu_Volt_G_f32[1]	10.2399998	10.2399998 ± 0.00009	✓

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Sa_CDDInterface_SystemState_Mode	1	Rte_Mode_Sa_CDDInterface_SystemState_Mode	1	~

Test Step 1.14 (Repeat Count = 1)			
Name	Input Value		
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	1		
CDD_AssistAssemblyPolarity_Cnt_G_s08[0]	1		
CDD_AssistAssemblyPolarity_Cnt_G_s08[1]	-1		
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	141.156998		
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	151.380005		
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	-0.00529999984		
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	-0.00540000014		
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	0.00549999997		
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	0.0055999998		
CDD_MtrCurrOffComOffset_Cnt_G_u16[0]	5261		
CDD_MtrCurrOffComOffset_Cnt_G_u16[1]	7527		
CDD_MtrPosPolarity_Cnt_G_s08[0]	-1		
CDD_MtrPosPolarity_Cnt_G_s08[1]	1		
CDD_Vecu_Volt_G_f32[0]	14.2799997		
CDD_Vecu_Volt_G_f32[1]	15.1800003		
Rte_Inst_Sa_CDDInterface	target_Rte_Inst_Sa_CDDInterface		
Rte_Mode_Sa_CDDInterface_SystemState_Mode()	2		
target_CDDInterface_Per2_AssistAssemblyPolarity_Cnt_s08.value	1		
target_CDDInterface_Per2_CommOffset_Cnt_u16.value	1258		
target_CDDInterface_Per2_MRFMtrVel_MtrRadpS_f32.value	153.25		
target_CDDInterface_Per2_MtrCurr1TempOffset_Volt_f32.value	0.0258789063		
target_CDDInterface_Per2_MtrCurr2TempOffset_Volt_f32.value	0.00390625		
target_CDDInterface_Per2_MtrPosPolarity_Cnt_s08.value	1		
target_CDDInterface_Per2_MtrTrqCmdSign_Cnt_s16.value	-1		
target_CDDInterface_Per2_Vecu_Volt_f32.value	11.25		
$target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_AssistAssemblyPolarity_Cntractions and the property of the$	target_CDDInterface_Per2_AssistAssemblyF	Polarity_Cnt_s08	
target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_CommOffset_Cnt_u16	target_CDDInterface_Per2_CommOffset_Cr	ıt_u16	
$target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_MRFMtrVel_MtrRadpS_f32$	target_CDDInterface_Per2_MRFMtrVel_Mtrl	RadpS_f32	
target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_MtrCurr1TempOffset_Volt_face_Per2_MtrCurr1TempOffset_Per2_Mt	target_CDDInterface_Per2_MtrCurr1TempO	ffset_Volt_f32	
$target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_MtrCurr2TempOffset_Volt_frace_Per2_MtrCurr2TempOffset_Frace_Per2_MtrCurr2TempOffset_Frace_Per2_MtrCurr2TempOffset_Volt_frace_Per2_MtrCurr2TempOffset_Frace_Per2_MtrCurr2TempOffset_Frace_Per2_MtrCurr2TempOffset_Frace_Per2_MtrCurr2TempOffset_Frace_Per2_MtrCurr2TempOffset_Frace_Per2_MtrCurr2TempOffset_Frace_Per2_MtrCurr2TempOffset_Frace_Per2_MtrCurr2TempOffset_Frace_Per2_MtrCurr2TempOffset_Frace_Per2_MtrCurr2TempOffset_Frace_Per2_MtrCurr2TempOffset_Frace_Per2_MtrCurr2TempOffset_Frace_Per2_MtrCurr2TempOffset_Frace_Per2_MtrCurr2TempOffset_Frace_Per2_MtrCurr2T$	target_CDDInterface_Per2_MtrCurr2TempO	ffset_Volt_f32	
target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_MtrPosPolarity_Cnt_s08	target_CDDInterface_Per2_MtrPosPolarity_0	Cnt_s08	
target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_MtrTrqCmdSign_Cnt_s16	target_CDDInterface_Per2_MtrTrqCmdSign_	_Cnt_s16	
target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_Vecu_Volt_f32	target_CDDInterface_Per2_Vecu_Volt_f32		
Name	Actual Value	Expected Value	Result
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	0	0	-
CDD AssistAssemblyPolarity Cnt G s08[0]	1	1	

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Name	Actual Value	Expected Value	Result
CDD_AssistAssemblyPolarity_Cnt_G_s08[1]	-1	-1	~
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	153.25	153.25 ± 0.0009	✓
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	151.380005	151.380005 ± 0.0009	~
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	0.0258789063	0.0258789063 ± 0.0625	✓
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	-0.00540000014	-0.00540000014 ± 0.0625	✓
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	0.00390625	0.00390625 ± 0.0625	✓
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	0.0055999998	0.0055999998 ± 0.0625	✓
CDD_MtrCurrOffComOffset_Cnt_G_u16[0]	1258	1258	✓
CDD_MtrCurrOffComOffset_Cnt_G_u16[1]	7527	7527	✓
CDD_MtrPosPolarity_Cnt_G_s08[0]	1	1	~
CDD_MtrPosPolarity_Cnt_G_s08[1]	1	1	~
CDD_SysState_Cnt_G_Enum	2	2	✓
CDD_Vecu_Volt_G_f32[0]	11.25	11.25 ± 0.00009	✓
CDD Vecu Volt G f32[1]	15.1800003	15.1800003 ± 0.00009	✓

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Sa_CDDInterface_SystemState_Mode	1	Rte_Mode_Sa_CDDInterface_SystemState_Mode	1	~

Test Step 1.15 (Repeat Count = 1)			✓
Name	Input Value		
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	0		
CDD_AssistAssemblyPolarity_Cnt_G_s08[0]	-1		
CDD_AssistAssemblyPolarity_Cnt_G_s08[1]	1		
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	-176.199997		
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	-165.716995		
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	0.00549999997		
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	0.0055999998		
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	-0.0057000001		
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	-0.00579999993		
CDD_MtrCurrOffComOffset_Cnt_G_u16[0]	5382		
CDD_MtrCurrOffComOffset_Cnt_G_u16[1]	7714		
CDD_MtrPosPolarity_Cnt_G_s08[0]	-1		
CDD_MtrPosPolarity_Cnt_G_s08[1]	-1		
CDD_Vecu_Volt_G_f32[0]	16.8500004		
CDD_Vecu_Volt_G_f32[1]	17.9599991		
Rte_Inst_Sa_CDDInterface	target_Rte_Inst_Sa_CDDInterface		
Rte_Mode_Sa_CDDInterface_SystemState_Mode()	1		
target_CDDInterface_Per2_AssistAssemblyPolarity_Cnt_s08.value	1		
target_CDDInterface_Per2_CommOffset_Cnt_u16.value	2358		
target_CDDInterface_Per2_MRFMtrVel_MtrRadpS_f32.value	-130.417068		
target_CDDInterface_Per2_MtrCurr1TempOffset_Volt_f32.value	0		
target_CDDInterface_Per2_MtrCurr2TempOffset_Volt_f32.value	-0.0219726563		
target_CDDInterface_Per2_MtrPosPolarity_Cnt_s08.value	1		
target_CDDInterface_Per2_MtrTrqCmdSign_Cnt_s16.value	-1		
target_CDDInterface_Per2_Vecu_Volt_f32.value	12.3500004		
$target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_AssistAssemblyPolarity_Cnrows and the start of the start $	target_CDDInterface_Per2_AssistAssembly	Polarity_Cnt_s08	
target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_CommOffset_Cnt_u16	target_CDDInterface_Per2_CommOffset_Ci	nt_u16	
$target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_MRFMtrVel_MtrRadpS_f32$	target_CDDInterface_Per2_MRFMtrVel_Mtr	RadpS_f32	
$target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_MtrCurr1TempOffset_Volt_face_Per2_MtrCurr1TempOffset_Face_Per2_MtrCurr1TempOffset_Per2_MtrCurr1TempOffset_Per2_MtrCurr1TempOffset_Per2_MtrCurr1TempOffset_Per2_MtrCurr1TempOffset_Per2_MtrCurr1TempOffset_Per2_MtrCurr1TempOffset_Per2_MtrCurr1TempOffset_Per2_MtrCurr1TempOffset_Per2_MtrCurr1TempOffset_Per2_MtrCurr1TempOffset_Per2_MtrCurr1TempOffset_Per2_MtrCurr1TempOffset_Per2_MtrCurr1TempOffset_Per2_MtrCurr1TempOffset_Per2_MtrCurr1TempOffset_Per2_MtrCurr1TempOffset_Per2_MtrCurr1TempOffset_Per2_MtrCur$	target_CDDInterface_Per2_MtrCurr1TempC	offset_Volt_f32	
$target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_MtrCurr2TempOffset_Volt_face_Per2_MtrCurr2TempOffset_Face_Per2_MtrCurr2TempOffset_Per2_MtrCurr2TempOffset_Per2_MtrCurr2TempOffset_Per2_MtrCurr2TempOffset_Per2_MtrCurr2TempOffset_Per2_MtrCurr2TempOffset_Per2_MtrCurr2TempOffset_Per2_MtrCurr2TempOffset_Per2_MtrCurr2TempOffset_Per2_MtrCurr2T$	target_CDDInterface_Per2_MtrCurr2TempC	Offset_Volt_f32	
target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_MtrPosPolarity_Cnt_s08	target_CDDInterface_Per2_MtrPosPolarity_	Cnt_s08	
target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_MtrTrqCmdSign_Cnt_s16	target_CDDInterface_Per2_MtrTrqCmdSign	_Cnt_s16	
target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_Vecu_Volt_f32	target_CDDInterface_Per2_Vecu_Volt_f32		
Name	Actual Value	Expected Value	Result
CDD AppDataFwdPthAccessBfr Cnt G u16	1	1	~
CDD AssistAssemblyPolarity Cnt G s08[0]	-1	-1	✓
CDD AssistAssemblyPolarity Cnt G s08[1]	1	1	~
CDD MRFMtrVel MtrRadpS G f32[0]	-176.199997	-176.199997 ± 0.0009	✓
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	-130.417068	-130.417068 ± 0.0009	✓
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	0.00549999997	0 ± 0.0625	✓
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	0	0 ± 0.0625	✓
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	-0.0057000001	0 ± 0.0625	✓
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	-0.0219726563	-0.0219726563 ± 0.0625	~
CDD_MtrCurrOffComOffset_Cnt_G_u16[0]	5382	5382	✓
CDD_MtrCurrOffComOffset_Cnt_G_u16[1]	2358	2358	~
CDD MtrPosPolarity Cnt G s08[0]	-1	-1	~
CDD_MtrPosPolarity_Cnt_G_s08[1]	1	1	~
CDD_SysState_Cnt_G_Enum	1	1	✓
CDD \/aa_ \/alt C 60001	16.0500004	16.0500004 + 0.00000	

16.8500004

CDD_Vecu_Volt_G_f32[0]

16.8500004 ± 0.00009

CDDInterface_Per2

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Actual Value Expected Value CDD_Vecu_Volt_G_f32[1] 12.3500004 12.3500004 ± 0.00009

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Sa_CDDInterface_SystemState_Mode	1	Rte_Mode_Sa_CDDInterface_SystemState_Mode	1	~

Test Step 1.16 (Repeat Count = 1)			•
Name	Input Value		
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	0		
CDD_AssistAssemblyPolarity_Cnt_G_s08[0]	-1		
CDD_AssistAssemblyPolarity_Cnt_G_s08[1]	-1		
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	-201.020004		
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	-190.276993		
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	-0.0057000001		
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	-0.00579999993		
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	0.00590000022		
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	0.00600000005		
CDD_MtrCurrOffComOffset_Cnt_G_u16[0]	5503		
CDD_MtrCurrOffComOffset_Cnt_G_u16[1]	7901		
CDD_MtrPosPolarity_Cnt_G_s08[0]	1		
CDD_MtrPosPolarity_Cnt_G_s08[1]	1		
CDD_Vecu_Volt_G_f32[0]	18.25		
CDD_Vecu_Volt_G_f32[1]	19.5799999		
Rte_Inst_Sa_CDDInterface	target_Rte_Inst_Sa_CDDInterfa	ace	
Rte_Mode_Sa_CDDInterface_SystemState_Mode()	0		
target_CDDInterface_Per2_AssistAssemblyPolarity_Cnt_s08.value	-1		
target CDDInterface Per2 CommOffset Cnt u16.value	8685		
target CDDInterface Per2 MRFMtrVel MtrRadpS f32.value	1044.89429		
target_CDDInterface_Per2_MtrCurr1TempOffset_Volt_f32.value	0.0148577001		
target CDDInterface Per2 MtrCurr2TempOffset Volt f32.value	0.0122070313		
target CDDInterface Per2 MtrPosPolarity Cnt s08.value	-1		
target_CDDInterface_Per2_MtrTrqCmdSign_Cnt_s16.value	1		
target_CDDInterface_Per2_Vecu_Volt_f32.value	9.27999973		
target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_AssistAssemblyPolar	rity_Cnt_target_CDDInterface_Per2_Ass	sistAssemblyPolarity_Cnt_s08	
target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_CommOffset_Cnt_u1	16 target_CDDInterface_Per2_Con	mmOffset_Cnt_u16	
target Rte Inst Sa CDDInterface.CDDInterface Per2 MRFMtrVel MtrRadp	oS_f32 target_CDDInterface_Per2_MR	FMtrVel MtrRadpS f32	
target Rte Inst Sa CDDInterface.CDDInterface Per2 MtrCurr1TempOffset			
target Rte Inst Sa CDDInterface.CDDInterface Per2 MtrCurr2TempOffset	: Volt f: target CDDInterface Per2 Mtr0	Curr2TempOffset Volt f32	
target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_MtrPosPolarity_Cnt_s	s08 target_CDDInterface_Per2_Mtrl	PosPolarity Cnt s08	
target Rte Inst Sa CDDInterface.CDDInterface Per2 MtrTrqCmdSign Cnt			
target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_Vecu_Volt_f32	target_CDDInterface_Per2_Vec	cu_Volt_f32	
Name	Actual Value	Expected Value	Resul
CDD AppDataFwdPthAccessBfr Cnt G u16	1	1	
CDD AssistAssemblyPolarity Cnt G s08[0]	-1	-1	
CDD_AssistAssemblyPolarity_Cnt_G_s08[1]	-1	-1	
CDD MRFMtrVel MtrRadpS G f32[0]	-201.020004	-201.020004 ± 0.0009	
CDD MRFMtrVel MtrRadpS G f32[1]	1044.89429	1044.89429 ± 0.009	
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	-0.0057000001	0 ± 0.0625	
CDD MtrCurr1TempOffset Volt G f32[1]	0.0148577001	0.0148577001 ± 0.0625	
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	0.00590000022	0 ± 0.0625	
CDD MtrCurr2TempOffset Volt G f32[1]	0.0122070313	0.0122070313 ± 0.0625	
CDD_MtrCurrOffComOffset_Cnt_G_u16[0]	5503	5503	
CDD MtrCurrOffComOffset Cnt G u16[1]	8685	8685	
CDD MtrPosPolarity Cnt G s08[0]	1	1	
		-1	
_ /= /	-1		
CDD_MtrPosPolarity_Cnt_G_s08[1]	-1		
_	-1 0 18.25	0 18.25 ± 0.00009	

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte Mode Sa CDDInterface SystemState Mode	1	Rte Mode Sa CDDInterface SystemState Mode	1	-

Test Step 1.17 (Repeat Count = 1)	✓
Name	Input Value
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	1

CDDInterface_Per2

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12.3500004 ± 0.00009

21.2600002 ± 0.00009

CDDIIIteriace_r erz			(SIE S (COIC
Name	Input Value		
CDD_AssistAssemblyPolarity_Cnt_G_s08[0]	1		
CDD AssistAssemblyPolarity Cnt G s08[1]	1		
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	214.837006		
CDD MRFMtrVel MtrRadpS G f32[1]	215.839996		
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	0.00590000022		
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	0.00600000005		
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	0.00609999988		
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	0.00620000018		
CDD_MtrCurrOffComOffset_Cnt_G_u16[0]	5624		
CDD_MtrCurrOffComOffset_Cnt_G_u16[1]	8088		
CDD_MtrPosPolarity_Cnt_G_s08[0]	1		
CDD_MtrPosPolarity_Cnt_G_s08[1]	-1		
CDD_Vecu_Volt_G_f32[0]	20.2800007		
CDD_Vecu_Volt_G_f32[1]	21.2600002		
Rte_Inst_Sa_CDDInterface	target_Rte_Inst_Sa_CDDInterface		
Rte_Mode_Sa_CDDInterface_SystemState_Mode()	1		
target_CDDInterface_Per2_AssistAssemblyPolarity_Cnt_s08.value	-1		
target_CDDInterface_Per2_CommOffset_Cnt_u16.value	9658		
target_CDDInterface_Per2_MRFMtrVel_MtrRadpS_f32.value	-1068.23291		
target_CDDInterface_Per2_MtrCurr1TempOffset_Volt_f32.value	-0.0148558002		
target_CDDInterface_Per2_MtrCurr2TempOffset_Volt_f32.value	0.00390625		
target_CDDInterface_Per2_MtrPosPolarity_Cnt_s08.value	-1		
target_CDDInterface_Per2_MtrTrqCmdSign_Cnt_s16.value	1		
target_CDDInterface_Per2_Vecu_Volt_f32.value	12.3500004		
target Rte Inst Sa CDDInterface.CDDInterface Per2 AssistAssemblyPolarity Cnt			
target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_CommOffset_Cnt_u16	target_CDDInterface_Per2_CommOffset_0	_	
target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_MRFMtrVel_MtrRadpS_f32		. –	
target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_MtrCurr1TempOffset_Volt_f			
target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_MtrCurr2TempOffset_Volt_f			
target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_MtrPosPolarity_Cnt_s08	target_CDDInterface_Per2_MtrPosPolarity		
target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_MtrTrqCmdSign_Cnt_s16	target_CDDInterface_Per2_MtrTrqCmdSig		
target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_Vecu_Volt_f32	target_CDDInterface_Per2_Vecu_Volt_f32		
Name	Actual Value	Expected Value	Result
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	0	0	~
CDD_AssistAssemblyPolarity_Cnt_G_s08[0]	-1	-1	~
CDD_AssistAssemblyPolarity_Cnt_G_s08[1]	1	1	~
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	-1068.23291	-1068.23291 ± 0.009	V
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	215.839996	215.839996 ± 0.0009	~
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	-0.0148558002	-0.0148558002 ± 0.0625	~
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	0.00600000005	0.006000000005 ± 0.0625	~
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	0.00390625	0.00390625 ± 0.0625	~
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	0.00620000018	0.00620000018 ± 0.0625	<u> </u>
CDD_MtrCurrOffComOffset_Cnt_G_u16[0]	9658	9658	V
CDD_MtrCurrOffComOffset_Cnt_G_u16[1]	8088	8088	· ·
CDD_MtrPosPolarity_Cnt_G_s08[0] CDD_MtrPosPolarity_Cnt_G_s08[1]	-1	-1	- J
CDD_MtrPosPolarity_Cnt_G_s08[1]	-1	-1	· · ·

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Sa_CDDInterface_SystemState_Mode	1	Rte_Mode_Sa_CDDInterface_SystemState_Mode	1	~

12.3500004

21.2600002

Name	Input Value	
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	0	
CDD_AssistAssemblyPolarity_Cnt_G_s08[0]	1	
CDD_AssistAssemblyPolarity_Cnt_G_s08[1]	-1	
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	192.830994	
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	203.834	
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	0.00609999988	
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	0.00620000018	
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	-0.00630000001	
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	-0.00639999984	
CDD_MtrCurrOffComOffset_Cnt_G_u16[0]	5745	
CDD_MtrCurrOffComOffset_Cnt_G_u16[1]	8275	
CDD_MtrPosPolarity_Cnt_G_s08[0]	-1	
CDD_MtrPosPolarity_Cnt_G_s08[1]	1	
CDD_Vecu_Volt_G_f32[0]	22.4699993	

CDD_SysState_Cnt_G_Enum CDD_Vecu_Volt_G_f32[0]

CDD_Vecu_Volt_G_f32[1]

CDD_MtrCurr2TempOffset_Volt_G_f32[0]

CDD_MtrCurr2TempOffset_Volt_G_f32[1]

CDD_MtrCurrOffComOffset_Cnt_G_u16[0]

CDD_MtrCurrOffComOffset_Cnt_G_u16[1]

CDD_MtrPosPolarity_Cnt_G_s08[0]

CDD_MtrPosPolarity_Cnt_G_s08[1]

CDD_SysState_Cnt_G_Enum

CDD_Vecu_Volt_G_f32[0]

CDD_Vecu_Volt_G_f32[1]

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CDDInterface_Per2			MACH	<i>a</i> 6
Name	Input Value			
CDD_Vecu_Volt_G_f32[1]	23.2800007			
Rte_Inst_Sa_CDDInterface	target_Rte_Inst_Sa_CDDInterface			
Rte_Mode_Sa_CDDInterface_SystemState_Mode()	3			
target_CDDInterface_Per2_AssistAssemblyPolarity_Cnt_s08.value	-1			
target_CDDInterface_Per2_CommOffset_Cnt_u16.value	3547			
target_CDDInterface_Per2_MRFMtrVel_MtrRadpS_f32.value	-305.718506			
target_CDDInterface_Per2_MtrCurr1TempOffset_Volt_f32.value	0.0122070313			
target_CDDInterface_Per2_MtrCurr2TempOffset_Volt_f32.value	-0.0258789063			
target_CDDInterface_Per2_MtrPosPolarity_Cnt_s08.value	-1			
target_CDDInterface_Per2_MtrTrqCmdSign_Cnt_s16.value	-1			
target_CDDInterface_Per2_Vecu_Volt_f32.value	13.1400003			
$target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_AssistAssemblyPolarity_Cross_Results = 0.0000000000000000000000000000000000$	target_CDDInterface_Per2_AssistAssembly	Polarity_Cnt_s08		
target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_CommOffset_Cnt_u16	target_CDDInterface_Per2_CommOffset_Cr	nt_u16		
$target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_MRFMtrVel_MtrRadpS_f3222222222222222222222222222222222222$	target_CDDInterface_Per2_MRFMtrVel_Mtr	RadpS_f32		
$target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_MtrCurr1TempOffset_Volt_Inst_Sa_CDDInterface_Per2_MtrCurr1TempOffset_Nolt_Inst_Sa_CDDInterface_Per2_MtrCurr1TempOffset_Nolt_Inst_Sa_CDDInterface_Per2_MtrCurr1TempOffset_Nolt_Inst_Sa_CDDInterface_Per2_MtrCurr1TempOffset_Nolt_Nolt_Nolt_Nolt_Nolt_Nolt_Nolt_Nol$	f: target_CDDInterface_Per2_MtrCurr1TempC	ffset_Volt_f32		
target Rte Inst Sa CDDInterface.CDDInterface Per2 MtrCurr2TempOffset Volt	f: target_CDDInterface_Per2_MtrCurr2TempO	ffset_Volt_f32		
target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_MtrPosPolarity_Cnt_s08	target_CDDInterface_Per2_MtrPosPolarity_	Cnt_s08		
$target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_MtrTrqCmdSign_Cnt_s16$	target_CDDInterface_Per2_MtrTrqCmdSign	_Cnt_s16		
target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_Vecu_Volt_f32	target_CDDInterface_Per2_Vecu_Volt_f32			
Name	Actual Value	Expected Value		Result
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	1	1		~
CDD_AssistAssemblyPolarity_Cnt_G_s08[0]	1	1		~
CDD_AssistAssemblyPolarity_Cnt_G_s08[1]	-1	-1		~
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	192.830994	192.830994 ± 0.0009		~
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	-305.718506	-305.718506 ± 0.0009		~
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	0.00609999988	0 ± 0.0625		~
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	0.0122070313	0.0122070313 ± 0.0625		~

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
Rte Mode Sa CDDInterface SystemState Mode	1	Rte Mode Sa CDDInterface SystemState Mode	1	_

22.4699993

13.1400003

-0.00630000001

-0.0258789063

5745

3547

-1

-1

3

0 ± 0.0625

5745

3547

-1

-1

3

-0.0258789063 ± 0.0625

22.4699993 ± 0.00009

13.1400003 ± 0.00009

Test Step 1.19 (Repeat Count = 1)	✓
Name	Input Value
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	1
CDD_AssistAssemblyPolarity_Cnt_G_s08[0]	-1
CDD_AssistAssemblyPolarity_Cnt_G_s08[1]	1
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	141.156998
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	151.380005
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	-0.00630000001
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	-0.00639999984
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	0.00650000013
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	0.00659999996
CDD_MtrCurrOffComOffset_Cnt_G_u16[0]	5628
CDD_MtrCurrOffComOffset_Cnt_G_u16[1]	8097
CDD_MtrPosPolarity_Cnt_G_s08[0]	-1
CDD_MtrPosPolarity_Cnt_G_s08[1]	-1
CDD_Vecu_Volt_G_f32[0]	7.17999983
CDD_Vecu_Volt_G_f32[1]	8.57999992
Rte_Inst_Sa_CDDInterface	target_Rte_Inst_Sa_CDDInterface
Rte_Mode_Sa_CDDInterface_SystemState_Mode()	4
target_CDDInterface_Per2_AssistAssemblyPolarity_Cnt_s08.value	1
target_CDDInterface_Per2_CommOffset_Cnt_u16.value	4785
target_CDDInterface_Per2_MRFMtrVel_MtrRadpS_f32.value	117.319763
target_CDDInterface_Per2_MtrCurr1TempOffset_Volt_f32.value	-0.0112304688
target_CDDInterface_Per2_MtrCurr2TempOffset_Volt_f32.value	0.0258789063
target_CDDInterface_Per2_MtrPosPolarity_Cnt_s08.value	1
target_CDDInterface_Per2_MtrTrqCmdSign_Cnt_s16.value	-1
target_CDDInterface_Per2_Vecu_Volt_f32.value	14.5600004
$target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_AssistAssemblyPolarity_Cntractions and the property of the$	target_CDDInterface_Per2_AssistAssemblyPolarity_Cnt_s08
target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_CommOffset_Cnt_u16	target_CDDInterface_Per2_CommOffset_Cnt_u16





Name	Input Value		
$target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_MRFMtrVel_MtrRadpS_f32$	target_CDDInterface_Per2_MRFMtrVel_MtrF	RadpS_f32	
target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_MtrCurr1TempOffset_Volt_f3	target_CDDInterface_Per2_MtrCurr1TempOf	fset_Volt_f32	
$target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_MtrCurr2TempOffset_Volt_frace_Per2_MtrCurr2TempOffset_MtrCurr2TempO$	target_CDDInterface_Per2_MtrCurr2TempOf	fset_Volt_f32	
target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_MtrPosPolarity_Cnt_s08	target_CDDInterface_Per2_MtrPosPolarity_0	Cnt_s08	
target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_MtrTrqCmdSign_Cnt_s16	target_CDDInterface_Per2_MtrTrqCmdSign_	_Cnt_s16	
target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_Vecu_Volt_f32	target_CDDInterface_Per2_Vecu_Volt_f32		
Name	Actual Value	Expected Value	Result
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	0	0	~
CDD_AssistAssemblyPolarity_Cnt_G_s08[0]	1	1	~
CDD_AssistAssemblyPolarity_Cnt_G_s08[1]	1	1	~
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	117.319763	117.319763 ± 0.0009	~
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	151.380005	151.380005 ± 0.0009	~
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	-0.0112304688	-0.0112304688 ± 0.0625	~
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	-0.00639999984	-0.00639999984 ± 0.0625	~
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	0.0258789063	0.0258789063 ± 0.0625	~
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	0.00659999996	0.00659999996 ± 0.0625	~
CDD_MtrCurrOffComOffset_Cnt_G_u16[0]	4785	4785	~
CDD_MtrCurrOffComOffset_Cnt_G_u16[1]	8097	8097	~
CDD_MtrPosPolarity_Cnt_G_s08[0]	1	1	~
CDD_MtrPosPolarity_Cnt_G_s08[1]	-1	-1	~
CDD_SysState_Cnt_G_Enum	4	4	~
CDD_Vecu_Volt_G_f32[0]	14.5600004	14.5600004 ± 0.00009	~
CDD_Vecu_Volt_G_f32[1]	8.57999992	8.57999992 ± 0.000009	~

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Sa_CDDInterface_SystemState_Mode	1	Rte_Mode_Sa_CDDInterface_SystemState_Mode	1	~

Test Step 1.20 (Repeat Count = 1)			•
Name	Input Value		
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	1		
CDD_AssistAssemblyPolarity_Cnt_G_s08[0]	-1		
CDD_AssistAssemblyPolarity_Cnt_G_s08[1]	-1		
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	100.264999		
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	110.487999		
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	0.00650000013		
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	0.00659999996		
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	0.00669999979		
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	0.00680000009		
CDD_MtrCurrOffComOffset_Cnt_G_u16[0]	2599		
CDD_MtrCurrOffComOffset_Cnt_G_u16[1]	3413		
CDD_MtrPosPolarity_Cnt_G_s08[0]	1		
CDD_MtrPosPolarity_Cnt_G_s08[1]	1		
CDD_Vecu_Volt_G_f32[0]	9.27999973		
CDD_Vecu_Volt_G_f32[1]	10.2799997		
Rte_Inst_Sa_CDDInterface	target_Rte_Inst_Sa_CDDInter	ace	
Rte_Mode_Sa_CDDInterface_SystemState_Mode()	2		
target_CDDInterface_Per2_AssistAssemblyPolarity_Cnt_s08.value	1		
target_CDDInterface_Per2_CommOffset_Cnt_u16.value	5896		
target_CDDInterface_Per2_MRFMtrVel_MtrRadpS_f32.value	-970.654724		
target_CDDInterface_Per2_MtrCurr1TempOffset_Volt_f32.value	0.00390625		
target_CDDInterface_Per2_MtrCurr2TempOffset_Volt_f32.value	0		
target_CDDInterface_Per2_MtrPosPolarity_Cnt_s08.value	1		
target_CDDInterface_Per2_MtrTrqCmdSign_Cnt_s16.value	-1		
target_CDDInterface_Per2_Vecu_Volt_f32.value	15.6300001		
$target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_AssistAssemblyPolicy and the property of t$	olarity_Cnt target_CDDInterface_Per2_As	sistAssemblyPolarity_Cnt_s08	
$target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_CommOffset_Cnt_Inst_Sa_CDDInterface_Per2_CommOffset_Cnt_Inst_Sa_CDDInterface_Per2_CommOffset_Cnt_Inst_Sa_CDDInterface_Per2_CommOffset_Cnt_Inst_Sa_CDDInterface_Per2_CommOffset_Cnt_Inst_Sa_CDDInterface_Per2_CommOffset_Cnt_Inst_Sa_CDDInterface_Per2_CommOffset_Cnt_Inst_Sa_CDDInterface_Per2_CommOffset_Cnt_Inst_Sa_CDDInterface_Per2_CommOffset_Cnt_Inst_Sa_CDDInterface_Per2_CommOffset_Cnt_Inst_Sa_CDDInterface_Per2_CommOffset_Cnt_Inst_Sa_CDDInterface_Per2_CommOffset_Cnt_Inst_Sa_CDDInterface_Per2_CommOffset_Cnt_Inst_Sa_CDDInterface_Per2_CommOffset_Cnt_Inst_Sa_CDDInterface_Per2_CommOffset_Cnt_Inst_Sa_CDDInterface_Per2_CommOffset_Cnt_Inst_Sa_CDDInterface_Per2_CommOffset_Cnt_Inst_Sa_CDDInterface_Per2_CommOffset_Cnt_Inst_Sa_CDDInterface_Per2_CommOffset_Cnt_Inst_Sa_CDDInterface_Per2_Cnt_Inst_Sa_CDD$	_u16 target_CDDInterface_Per2_Cd	mmOffset_Cnt_u16	
$target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_MRFMtrVel_MtrRace_Per2_MtrRace_Per2$	adpS_f32 target_CDDInterface_Per2_Mi	RFMtrVel_MtrRadpS_f32	
target Rte Inst Sa CDDInterface.CDDInterface Per2 MtrCurr1TempOff	set Volt f: target_CDDInterface_Per2_Mt	rCurr1TempOffset_Volt_f32	
$target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_MtrCurr2TempOff$	set_Volt_f: target_CDDInterface_Per2_Mt	rCurr2TempOffset_Volt_f32	
$target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_MtrPosPolarity_Color = CDDInterface_Per2_MtrPosPolarity_Color = CDDInterface_Per2_MtrDosPolarity_Color = CDDInterface_Per2_MtrDosPolarity_Color = CDDInterface_Per2_MtrDosPolarity_Color = CDDInterface_Per2_MtrDosPolarity_Color = CDDInterface_Per2_MtrDosPolarity_Color = CDD$	nt_s08 target_CDDInterface_Per2_Mt	rPosPolarity_Cnt_s08	
$target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_MtrTrqCmdSign_Output = 0.0000000000000000000000000000000000$	Cnt_s16 target_CDDInterface_Per2_Mt	rTrqCmdSign_Cnt_s16	
target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_Vecu_Volt_f32	target_CDDInterface_Per2_Ve	cu_Volt_f32	
Name	Actual Value	Expected Value	Resul
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	0	0	•
CDD_AssistAssemblyPolarity_Cnt_G_s08[0]	1	1	
CDD_AssistAssemblyPolarity_Cnt_G_s08[1]	-1	-1	
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	-970.654724	-970.654724 ± 0.0009	•
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	110.487999	110.487999 ± 0.0009	•
ODD Mt-04TOfft 1/-tt O 600001	0.00000005	0.00000005 + 0.0005	

0.00390625

CDD_MtrCurr1TempOffset_Volt_G_f32[0]

0.00390625 ± 0.0625

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CDDInterface_Per2	
Name	

Name	Actual Value	Expected Value	Result
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	0.00659999996	0.00659999996 ± 0.0625	~
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	0	0 ± 0.0625	✓
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	0.00680000009	0.00680000009 ± 0.0625	✓
CDD_MtrCurrOffComOffset_Cnt_G_u16[0]	5896	5896	✓
CDD_MtrCurrOffComOffset_Cnt_G_u16[1]	3413	3413	✓
CDD_MtrPosPolarity_Cnt_G_s08[0]	1	1	✓
CDD_MtrPosPolarity_Cnt_G_s08[1]	1	1	✓
CDD_SysState_Cnt_G_Enum	2	2	✓
CDD_Vecu_Volt_G_f32[0]	15.6300001	15.6300001 ± 0.00009	~
CDD_Vecu_Volt_G_f32[1]	10.2799997	10.2799997 ± 0.00009	✓

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Sa_CDDInterface_SystemState_Mode	1	Rte_Mode_Sa_CDDInterface_SystemState_Mode	1	~

Test Step 1.21 (Repeat Count = 1)			
	Innut Value		
Name	Input Value		
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	0		
CDD_AssistAssemblyPolarity_Cnt_G_s08[0]	1		
CDD_AssistAssemblyPolarity_Cnt_G_s08[1]	1		
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	-134.268005		
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	-123.785004		
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	0.00669999979		
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	0.00680000009		
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	0.00689999992		
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	0.00700000022		
CDD_MtrCurrOffComOffset_Cnt_G_u16[0]	2720		
CDD_MtrCurrOffComOffset_Cnt_G_u16[1]	3600		
CDD_MtrPosPolarity_Cnt_G_s08[0]	1		
CDD_MtrPosPolarity_Cnt_G_s08[1]	-1		
CDD_Vecu_Volt_G_f32[0]	10.25		
CDD_Vecu_Volt_G_f32[1]	11.1499996		
Rte_Inst_Sa_CDDInterface	target_Rte_Inst_Sa_CDDInterface		
Rte_Mode_Sa_CDDInterface_SystemState_Mode()	0		
target CDDInterface Per2 AssistAssemblyPolarity Cnt s08.value	-1		
target_CDDInterface_Per2_CommOffset_Cnt_u16.value	12578		
target_CDDInterface_Per2_MRFMtrVel_MtrRadpS_f32.value	125.360001		
target_CDDInterface_Per2_MtrCurr1TempOffset_Volt_f32.value	-0.0219726563		
target CDDInterface Per2 MtrCurr2TempOffset Volt f32.value	0.0175576992		
target CDDInterface Per2 MtrPosPolarity Cnt s08.value	-1		
target CDDInterface Per2 MtrTrqCmdSign Cnt s16.value	1		
target_CDDInterface_Per2_Vecu_Volt_f32.value	9.27999973		
target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_AssistAssemblyPolarity_Cn		Polarity Cnt s08	
target Rte Inst Sa CDDInterface.CDDInterface Per2 CommOffset Cnt u16	target CDDInterface Per2 CommOffset C		
target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_MRFMtrVel_MtrRadpS_f32	·	_	
		· -	
target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_MtrCurr2TempOffset_Volt_t			
target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_MtrCurr2TempOffset_Volt_f			
target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_MtrPosPolarity_Cnt_s08	target_CDDInterface_Per2_MtrPosPolarity_		
target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_MtrTrqCmdSign_Cnt_s16	target_CDDInterface_Per2_MtrTrqCmdSign	I_CIIL_\$16	
target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_Vecu_Volt_f32	target_CDDInterface_Per2_Vecu_Volt_f32		
Name	Actual Value	Expected Value	Result
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	1	1	~
CDD_AssistAssemblyPolarity_Cnt_G_s08[0]	1	1	•
CDD_AssistAssemblyPolarity_Cnt_G_s08[1]	-1	-1	~
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	-134.268005	-134.268005 ± 0.0009	~
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	125.360001	125.360001 ± 0.0009	~
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	0.00669999979	0 ± 0.0625	•
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	-0.0219726563	-0.0219726563 ± 0.0625	•
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	0.00689999992	0 ± 0.0625	-
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	0.0175576992	0.0175576992 ± 0.0625	-
CDD_MtrCurrOffComOffset_Cnt_G_u16[0]	2720	2720	•
CDD_MtrCurrOffComOffset_Cnt_G_u16[1]	12578	12578	-
CDD_MtrPosPolarity_Cnt_G_s08[0]	1	1	~
		4	-
CDD MtrPosPolarity Cnt G s08[1]	-1	-1	
CDD_MtrPosPolarity_Cnt_G_s08[1]	-1 0	0	
			Ž



Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Sa_CDDInterface_SystemState_Mode	1	Rte_Mode_Sa_CDDInterface_SystemState_Mode	1	~

Test Step 1.22 (Repeat Count = 1)			•
Name	Input Value		
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	1		
CDD_AssistAssemblyPolarity_Cnt_G_s08[0]	1		
CDD_AssistAssemblyPolarity_Cnt_G_s08[1]	-1		
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	147.304993		
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	158.048004		
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	0.00689999992		
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	0.00700000022		
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	-0.00710000005		
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	-0.00719999988		
CDD_MtrCurrOffComOffset_Cnt_G_u16[0]	2841		
CDD_MtrCurrOffComOffset_Cnt_G_u16[1]	3787		
CDD_MtrPosPolarity_Cnt_G_s08[0]	-1		
CDD_MtrPosPolarity_Cnt_G_s08[1]	1		
CDD_Vecu_Volt_G_f32[0]	12.25		
CDD_Vecu_Volt_G_f32[1]	13.1800003		
Rte_Inst_Sa_CDDInterface	target_Rte_Inst_Sa_CDDInterfa	ace	
Rte_Mode_Sa_CDDInterface_SystemState_Mode()	1		
target CDDInterface Per2 AssistAssemblyPolarity Cnt s08.value	-1		
target CDDInterface Per2 CommOffset Cnt u16.value	13854		
target CDDInterface Per2 MRFMtrVel MtrRadpS f32.value	128.520004		
target CDDInterface Per2 MtrCurr1TempOffset Volt f32.value	0.0122070313		
target CDDInterface Per2 MtrCurr2TempOffset Volt f32.value	-0.0168558005		
target CDDInterface Per2 MtrPosPolarity Cnt s08.value	-1		
target CDDInterface Per2 MtrTrqCmdSign Cnt s16.value	1		
target_CDDInterface_Per2_Vecu_Volt_f32.value	12.3500004		
target Rte Inst Sa CDDInterface.CDDInterface Per2 AssistAssemblyPola	rity Cnt target CDDInterface Per2 Ass	sistAssemblyPolarity Cnt s08	
target Rte Inst Sa CDDInterface.CDDInterface Per2 CommOffset Cnt u'		, ,	
target Rte Inst Sa CDDInterface.CDDInterface Per2 MRFMtrVel MtrRad			
target Rte Inst Sa CDDInterface.CDDInterface Per2 MtrCurr1TempOffset			
target Rte Inst Sa CDDInterface.CDDInterface Per2 MtrCurr2TempOffset		·	
target Rte Inst Sa CDDInterface.CDDInterface Per2 MtrPosPolarity Cnt			
target Rte Inst Sa CDDInterface.CDDInterface Per2 MtrTrqCmdSign Cnt		·	
target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_Vecu_Volt_f32	target_CDDInterface_Per2_Vec		
Name	Actual Value	Expected Value	Resul
CDD AppDataFwdPthAccessBfr Cnt G u16	0	0	71000
CDD AssistAssemblyPolarity Cnt G s08[0]	-1	-1	
CDD_AssistAssemblyPolarity_Cnt_G_s08[1]	-1	-1	
CDD MRFMtrVel MtrRadpS G f32[0]	128.520004	128.520004 ± 0.0009	
CDD MRFMtrVel MtrRadpS G f32[1]	158.048004	158.048004 ± 0.0009	
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	0.0122070313	0.0122070313 ± 0.0625	
CDD MtrCurr1TempOffset Volt G f32[1]	0.00700000022	0.00700000022 ± 0.0625	
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	-0.0168558005	-0.0168558005 ± 0.0625	
CDD MtrCurr2TempOffset Volt G f32[1]	-0.00719999988	-0.00719999988 ± 0.0625	
CDD_MtrCurrOffComOffset_Cnt_G_u16[0]	13854	13854	
CDD_MtrCurrOffComOffset_Cnt_G_u16[1]	3787	3787	
CDD_MtrPosPolarity_Cnt_G_s08[0]	-1	-1	
	1	1	
CDD MtrPosPolarity Cnt (4 SOSI1)	1.1	·	
CDD_MtrPosPolarity_Cnt_G_s08[1] CDD_SvsState_Cnt_G_Fnum	1	1	
CDD_MttPosPolanty_Cnt_G_su8[1] CDD_sysState_Cnt_G_Enum CDD Vecu Volt G f32[0]	1 12.3500004	1 12.3500004 ± 0.00009	

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Sa_CDDInterface_SystemState_Mode	1	Rte_Mode_Sa_CDDInterface_SystemState_Mode	1	~

Test Step 1.23 (Repeat Count = 1)	✓
Name	Input Value
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	0
CDD_AssistAssemblyPolarity_Cnt_G_s08[0]	-1
CDD_AssistAssemblyPolarity_Cnt_G_s08[1]	1
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	-181.828003

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CDDInterrace_Per2		· ·	ad Citab
Name	Input Value		
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	-170.824997		
CDD MtrCurr1TempOffset Volt G f32[0]	-0.00710000005		
CDD MtrCurr1TempOffset Volt G f32[1]	-0.00719999988		
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	0.00730000017		
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	0.0074		
CDD MtrCurrOffComOffset Cnt G u16[0]	190		
CDD MtrCurrOffComOffset Cnt G u16[1]	192		
CDD_MtrPosPolarity_Cnt_G_s08[0]	-1		
CDD_MtrPosPolarity_Cnt_G_s08[1]	-1		
CDD_Vecu_Volt_G_f32[0]	14.2799997		
CDD_Vecu_Volt_G_f32[1]	15.1800003		
Rte_Inst_Sa_CDDInterface	target_Rte_Inst_Sa_CDDInterface		
Rte_Mode_Sa_CDDInterface_SystemState_Mode()	4		
target_CDDInterface_Per2_AssistAssemblyPolarity_Cnt_s08.value	-1		
target_CDDInterface_Per2_CommOffset_Cnt_u16.value	6857		
target_CDDInterface_Per2_MRFMtrVel_MtrRadpS_f32.value	-186.350006		
target_CDDInterface_Per2_MtrCurr1TempOffset_Volt_f32.value	-0.0258789063		
target_CDDInterface_Per2_MtrCurr2TempOffset_Volt_f32.value	0.0122070313		
target_CDDInterface_Per2_MtrPosPolarity_Cnt_s08.value	-1		
target_CDDInterface_Per2_MtrTrqCmdSign_Cnt_s16.value	-1		
target_CDDInterface_Per2_Vecu_Volt_f32.value	16.5799999		
target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_AssistAssemblyPolarity_Cnt	target_CDDInterface_Per2_AssistAssemblyP	olarity_Cnt_s08	
target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_CommOffset_Cnt_u16	target_CDDInterface_Per2_CommOffset_Cn	t_u16	
target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_MRFMtrVel_MtrRadpS_f32	target_CDDInterface_Per2_MRFMtrVel_MtrRadpS_f32		
target Rte Inst Sa CDDInterface.CDDInterface Per2 MtrCurr1TempOffset Volt f3	target_CDDInterface_Per2_MtrCurr1TempOf	fset_Volt_f32	
$target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_MtrCurr2TempOffset_Volt_frace_Per2_MtrCurr2TempOffset_MtrCurr2TempO$	target_CDDInterface_Per2_MtrCurr2TempOf	fset_Volt_f32	
target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_MtrPosPolarity_Cnt_s08	target_CDDInterface_Per2_MtrPosPolarity_C	Cnt_s08	
target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_MtrTrqCmdSign_Cnt_s16	target_CDDInterface_Per2_MtrTrqCmdSign_	Cnt_s16	
target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_Vecu_Volt_f32	target_CDDInterface_Per2_Vecu_Volt_f32		
Name	Actual Value	Expected Value	Result
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	1	1	~
CDD_AssistAssemblyPolarity_Cnt_G_s08[0]	-1	-1	✓
CDD_AssistAssemblyPolarity_Cnt_G_s08[1]	-1	-1	~
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	-181.828003	-181.828003 ± 0.0009	•
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	-186.350006	-186.350006 ± 0.0009	✓
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	-0.00710000005	0 ± 0.0625	✓
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	-0.0258789063	-0.0258789063 ± 0.0625	~
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	0.00730000017	0 ± 0.0625	✓
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	0.0122070313	0.0122070313 ± 0.0625	~
CDD_MtrCurrOffComOffset_Cnt_G_u16[0]	190	190	✓
CDD_MtrCurrOffComOffset_Cnt_G_u16[1]	6857	6857	~
CDD_MtrPosPolarity_Cnt_G_s08[0]	-1	-1	~
CDD_MtrPosPolarity_Cnt_G_s08[1]	-1	-1	~
CDD_SysState_Cnt_G_Enum	4	4	•
CDD_Vecu_Volt_G_f32[0]	14.2799997	14.2799997 ± 0.00009	~
CDD_Vecu_Volt_G_f32[1]	16.5799999	16.5799999 ± 0.00009	✓

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte Mode Sa CDDInterface SystemState Mode	1	Rte Mode Sa CDDInterface SystemState Mode	1	~

Test Step 1.24 (Repeat Count = 1)		~
Name	Input Value	
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	1	
CDD_AssistAssemblyPolarity_Cnt_G_s08[0]	-1	
CDD_AssistAssemblyPolarity_Cnt_G_s08[1]	-1	
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	194.345001	
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	205.608002	
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	0.00730000017	
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	0.0074	
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	-0.00749999983	
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	-0.00760000013	
CDD_MtrCurrOffComOffset_Cnt_G_u16[0]	2962	
CDD_MtrCurrOffComOffset_Cnt_G_u16[1]	3974	
CDD_MtrPosPolarity_Cnt_G_s08[0]	1	
CDD_MtrPosPolarity_Cnt_G_s08[1]	1	
CDD_Vecu_Volt_G_f32[0]	16.8500004	
CDD_Vecu_Volt_G_f32[1]	17.9599991	
Rte_Inst_Sa_CDDInterface	target_Rte_Inst_Sa_CDDInterface	
Rte_Mode_Sa_CDDInterface_SystemState_Mode()	3	

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Name	Input Value		
target_CDDInterface_Per2_AssistAssemblyPolarity_Cnt_s08.value	1		
target_CDDInterface_Per2_CommOffset_Cnt_u16.value	7485		
target_CDDInterface_Per2_MRFMtrVel_MtrRadpS_f32.value	458.359985		
target_CDDInterface_Per2_MtrCurr1TempOffset_Volt_f32.value	0.0078125		
target_CDDInterface_Per2_MtrCurr2TempOffset_Volt_f32.value	-0.0258789063		
target_CDDInterface_Per2_MtrPosPolarity_Cnt_s08.value	1		
target_CDDInterface_Per2_MtrTrqCmdSign_Cnt_s16.value	-1		
target_CDDInterface_Per2_Vecu_Volt_f32.value	17.25		
$target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_AssistAssemblyPolarity_Cntarget_Results (AssistAssemblyPolarity_Cntarget_Results (AssistAssemblyPolarity_Results (AssistAssemblyPolarity_Results (AssistAssemblyPolarity_Results (AssistAssemblyPolarity_Results (AssistAssemblyPolarity_Results (AssistAssemblyPolarity_Results (AssistAssemblyPolarity_Results (AssistAssemblyPolarity_Results (AssistAssemblyResults ($	target_CDDInterface_Per2_AssistAssemblyF	Polarity_Cnt_s08	
target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_CommOffset_Cnt_u16	target_CDDInterface_Per2_CommOffset_Cn	t_u16	
$target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_MRFMtrVel_MtrRadpS_f32$	target_CDDInterface_Per2_MRFMtrVel_MtrF	RadpS_f32	
$target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_MtrCurr1TempOffset_Volt_frace_Per2_MtrCurr1TempOffset_Frace_Per2_MtrCurr1TempOf$	target_CDDInterface_Per2_MtrCurr1TempOf	ffset_Volt_f32	
$target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_MtrCurr2TempOffset_Volt_frace_Per2_MtrCurr2TempOffset_TempOffset_Frace_Per2_MtrCurr2$	target_CDDInterface_Per2_MtrCurr2TempOf	ffset_Volt_f32	
target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_MtrPosPolarity_Cnt_s08	target_CDDInterface_Per2_MtrPosPolarity_0	Cnt_s08	
target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_MtrTrqCmdSign_Cnt_s16	target_CDDInterface_Per2_MtrTrqCmdSign_	_Cnt_s16	
target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_Vecu_Volt_f32	target_CDDInterface_Per2_Vecu_Volt_f32		
Name	Actual Value	Expected Value	Result
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	0	0	~
CDD_AssistAssemblyPolarity_Cnt_G_s08[0]	1	1	~
CDD_AssistAssemblyPolarity_Cnt_G_s08[1]	-1	-1	~
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	458.359985	458.359985 ± 0.0009	~
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	205.608002	205.608002 ± 0.0009	~
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	0.0078125	0.0078125 ± 0.0625	•
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	0.0074	0.0074 ± 0.0625	~
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	-0.0258789063	-0.0258789063 ± 0.0625	•
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	-0.00760000013	-0.00760000013 ± 0.0625	~
CDD_MtrCurrOffComOffset_Cnt_G_u16[0]	7485	7485	~
CDD_MtrCurrOffComOffset_Cnt_G_u16[1]	3974	3974	~
CDD_MtrPosPolarity_Cnt_G_s08[0]	1	1	~
CDD_MtrPosPolarity_Cnt_G_s08[1]	1	1	~
CDD_SysState_Cnt_G_Enum	3	3	~
CDD_Vecu_Volt_G_f32[0]	17.25	17.25 ± 0.00009	~
CDD_Vecu_Volt_G_f32[1]	17.9599991	17.9599991 ± 0.00009	~

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Sa_CDDInterface_SystemState_Mode	1	Rte_Mode_Sa_CDDInterface_SystemState_Mode	1	~

Test Step 1.25 (Repeat Count = 1)	
Name	Input Value
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	1
CDD_AssistAssemblyPolarity_Cnt_G_s08[0]	1
CDD_AssistAssemblyPolarity_Cnt_G_s08[1]	1
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	192.830994
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	203.834
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	-0.00810000021
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	-0.00820000004
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	0.00829999987
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	0.0083999997
CDD_MtrCurrOffComOffset_Cnt_G_u16[0]	2720
CDD_MtrCurrOffComOffset_Cnt_G_u16[1]	3600
CDD_MtrPosPolarity_Cnt_G_s08[0]	1
CDD_MtrPosPolarity_Cnt_G_s08[1]	-1
CDD_Vecu_Volt_G_f32[0]	18.25
CDD_Vecu_Volt_G_f32[1]	19.5799999
Rte_Inst_Sa_CDDInterface	target_Rte_Inst_Sa_CDDInterface
Rte_Mode_Sa_CDDInterface_SystemState_Mode()	3
arget_CDDInterface_Per2_AssistAssemblyPolarity_Cnt_s08.value	-1
arget_CDDInterface_Per2_CommOffset_Cnt_u16.value	11257
arget_CDDInterface_Per2_MRFMtrVel_MtrRadpS_f32.value	78.5199966
arget_CDDInterface_Per2_MtrCurr1TempOffset_Volt_f32.value	0.0258789063
arget_CDDInterface_Per2_MtrCurr2TempOffset_Volt_f32.value	0.0122070313
arget_CDDInterface_Per2_MtrPosPolarity_Cnt_s08.value	-1
arget_CDDInterface_Per2_MtrTrqCmdSign_Cnt_s16.value	-1
arget_CDDInterface_Per2_Vecu_Volt_f32.value	21.1700001
arget_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_AssistAssemblyPolarity_C	cnt target_CDDInterface_Per2_AssistAssemblyPolarity_Cnt_s08
arget_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_CommOffset_Cnt_u16	target_CDDInterface_Per2_CommOffset_Cnt_u16
arget_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_MRFMtrVel_MtrRadpS_f3	target_CDDInterface_Per2_MRFMtrVel_MtrRadpS_f32
arget_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_MtrCurr1TempOffset_Volt	_f: target_CDDInterface_Per2_MtrCurr1TempOffset_Volt_f32
arget Rte Inst Sa CDDInterface.CDDInterface Per2 MtrCurr2TempOffset Volt	f, target CDDInterface Per2 MtrCurr2TempOffset Volt f32



CDDInterface_Per2

Name	Input Value		
target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_MtrPosPolarity_Cnt_s08	target_CDDInterface_Per2_MtrPosPolarity_0	Cnt_s08	
target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_MtrTrqCmdSign_Cnt_s16	target_CDDInterface_Per2_MtrTrqCmdSign_	_Cnt_s16	
target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_Vecu_Volt_f32	target_CDDInterface_Per2_Vecu_Volt_f32		
Name	Actual Value	Expected Value	Result
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	0	0	~
CDD_AssistAssemblyPolarity_Cnt_G_s08[0]	-1	-1	✓
CDD_AssistAssemblyPolarity_Cnt_G_s08[1]	1	1	~
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	78.5199966	78.5199966 ± 0.00009	~
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	203.834	203.834 ± 0.0009	~
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	0.0258789063	0.0258789063 ± 0.0625	~
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	-0.00820000004	-0.00820000004 ± 0.0625	~
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	0.0122070313	0.0122070313 ± 0.0625	~
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	0.0083999997	0.0083999997 ± 0.0625	~
CDD_MtrCurrOffComOffset_Cnt_G_u16[0]	11257	11257	~
CDD_MtrCurrOffComOffset_Cnt_G_u16[1]	3600	3600	~
CDD_MtrPosPolarity_Cnt_G_s08[0]	-1	-1	•
CDD_MtrPosPolarity_Cnt_G_s08[1]	-1	-1	~
CDD_SysState_Cnt_G_Enum	3	3	•
CDD_Vecu_Volt_G_f32[0]	21.1700001	21.1700001 ± 0.00009	~
CDD_Vecu_Volt_G_f32[1]	19.5799999	19.5799999 ± 0.00009	•

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Sa_CDDInterface_SystemState_Mode	1	Rte_Mode_Sa_CDDInterface_SystemState_Mode	1	~

Test Step 1.26 (Repeat Count = 1)			· · · · · · · · · · · · · · · · · · ·
Name	Input Value		
CDD AppDataFwdPthAccessBfr Cnt G u16	0		
CDD AssistAssemblyPolarity Cnt G s08[0]	1		
CDD AssistAssemblyPolarity Cnt G s08[1]	-1		
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	141.156998		
CDD MRFMtrVel MtrRadpS G f32[1]	151.380005		
CDD MtrCurr1TempOffset Volt G f32[0]	0.00829999987		
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	0.0083999997		
CDD MtrCurr2TempOffset Volt G f32[0]	0.00850000046		
CDD MtrCurr2TempOffset Volt G f32[1]	0.00860000029		
CDD MtrCurrOffComOffset Cnt G u16[0]	2841		
CDD MtrCurrOffComOffset Cnt G u16[1]	3787		
CDD MtrPosPolarity Cnt G s08[0]	-1		
CDD MtrPosPolarity Cnt G s08[1]	1		
CDD Vecu Volt G f32[0]	20.2800007		
CDD Vecu Volt G f32[1]	21.2600002		
Rte Inst Sa CDDInterface	target Rte Inst Sa CDDInterface		
Rte_Mode_Sa_CDDInterface_SystemState_Mode()	1		
target_CDDInterface_Per2_AssistAssemblyPolarity_Cnt_s08.value	1		
target_CDDInterface_Per2_CommOffset_Cnt_u16.value	12578		
target_CDDInterface_Per2_MRFMtrVel_MtrRadpS_f32.value	-178.5		
target_CDDInterface_Per2_MtrCurr1TempOffset_Volt_f32.value	0.0161132813		
target_CDDInterface_Per2_MtrCurr2TempOffset_Volt_f32.value	-0.0258789063		
target_CDDInterface_Per2_MtrPosPolarity_Cnt_s08.value	-1		
target_CDDInterface_Per2_MtrTrqCmdSign_Cnt_s16.value	1		
target_CDDInterface_Per2_Vecu_Volt_f32.value	22.6299992		
$target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_AssistAssemblyPolarity_Color for the color of the color o$	nt target_CDDInterface_Per2_AssistAss	emblyPolarity_Cnt_s08	
target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_CommOffset_Cnt_u16	target_CDDInterface_Per2_CommOffs	set_Cnt_u16	
target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_MRFMtrVel_MtrRadpS_f32	2 target_CDDInterface_Per2_MRFMtrVe	el_MtrRadpS_f32	
target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_MtrCurr1TempOffset_Volt_	f: target_CDDInterface_Per2_MtrCurr1T	TempOffset_Volt_f32	
target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_MtrCurr2TempOffset_Volt_	f: target_CDDInterface_Per2_MtrCurr2T	TempOffset_Volt_f32	
target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_MtrPosPolarity_Cnt_s08	target_CDDInterface_Per2_MtrPosPo	larity_Cnt_s08	
target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_MtrTrqCmdSign_Cnt_s16	target_CDDInterface_Per2_MtrTrqCm	ndSign_Cnt_s16	
target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_Vecu_Volt_f32	target_CDDInterface_Per2_Vecu_Volt	t_f32	
Name	Actual Value	Expected Value	Resul
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	1	1	
CDD_AssistAssemblyPolarity_Cnt_G_s08[0]	1	1	
CDD_AssistAssemblyPolarity_Cnt_G_s08[1]	1	1	
_	444 450000	141.156998 ± 0.0009	
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	141.156998	141.130996 ± 0.0009	, , , , , , , , , , , , , , , , , , ,
CDD_MRFMtrVel_MtrRadpS_G_f32[0] CDD_MRFMtrVel_MtrRadpS_G_f32[1]	-178.5	-178.5 ± 0.0009	

0.0161132813

0.00850000046

-0.0258789063

CDD_MtrCurr1TempOffset_Volt_G_f32[1]

CDD_MtrCurr2TempOffset_Volt_G_f32[0]

CDD_MtrCurr2TempOffset_Volt_G_f32[1]

0.0161132813 ± 0.0625

-0.0258789063 ± 0.0625

0 ± 0.0625

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CDDInterface_F	Per2
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Name	Actual Value	Expected Value	Result
CDD_MtrCurrOffComOffset_Cnt_G_u16[0]	2841	2841	✓
CDD_MtrCurrOffComOffset_Cnt_G_u16[1]	12578	12578	✓
CDD_MtrPosPolarity_Cnt_G_s08[0]	-1	-1	✓
CDD_MtrPosPolarity_Cnt_G_s08[1]	-1	-1	~
CDD_SysState_Cnt_G_Enum	1	1	✓
CDD_Vecu_Volt_G_f32[0]	20.2800007	20.2800007 ± 0.00009	~
CDD Vecu Volt G f32[1]	22.6299992	22.6299992 ± 0.00009	✓

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Sa_CDDInterface_SystemState_Mode	1	Rte_Mode_Sa_CDDInterface_SystemState_Mode	1	~

Name	Input Value		
CDD AppDataFwdPthAccessBfr Cnt G u16	0		
CDD AssistAssemblyPolarity Cnt G s08[0]	-1		
CDD AssistAssemblyPolarity Cnt G s08[1]	1		
CDD MRFMtrVel MtrRadpS G f32[0]	192.830994		
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	203.834		
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	-0.00910000037		
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	-0.00910000037		
CDD_MtrCurr2TempOffset_Volt_G_I32[1] CDD MtrCurr2TempOffset Volt G f32[0]	0.0092000002		
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	0.00930909000		
CDD MtrCurrOffComOffset Cnt G u16[0]	3889		
CDD MtrCurrOffComOffset Cnt G u16[1]	5287		
CDD_MtrPosPolarity_Cnt_G_s08[0]	-1		
CDD_MtrPosPolarity_Cnt_G_s08[1]	-1		
	22.4699993		
CDD_Vecu_Volt_G_f32[0] CDD Vecu Volt G f32[1]	23.2800007		
Rte Inst Sa CDDInterface			
Rte_Inst_Sa_CDDInterface Rte_Mode Sa_CDDInterface SystemState Mode()	target_Rte_Inst_Sa_CDDInterface		
	-1		
target_CDDInterface_Per2_AssistAssemblyPolarity_Cnt_s08.value	28568		
target_CDDInterface_Per2_CommOffset_Cnt_u16.value			
target_CDDInterface_Per2_MRFMtrVel_MtrRadpS_f32.value	-789.630005		
target_CDDInterface_Per2_MtrCurr1TempOffset_Volt_f32.value	0.0078125		
target_CDDInterface_Per2_MtrCurr2TempOffset_Volt_f32.value	-0.0258789063		
target_CDDInterface_Per2_MtrPosPolarity_Cnt_s08.value	-1 -1		
target_CDDInterface_Per2_MtrTrqCmdSign_Cnt_s16.value			
target_CDDInterface_Per2_Vecu_Volt_f32.value	27.6200008		
target Rte Inst Sa CDDInterface.CDDInterface Per2 AssistAssemblyPolarity C		, ,= =	
target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_CommOffset_Cnt_u16	target_CDDInterface_Per2_Comm		
target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_MRFMtrVel_MtrRadpS_f3			
target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_MtrCurr1TempOffset_Voli			
target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_MtrCurr2TempOffset_Volidation		. – –	
target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_MtrPosPolarity_Cnt_s08	target_CDDInterface_Per2_MtrPos	·	
target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_MtrTrqCmdSign_Cnt_s16	target_CDDInterface_Per2_MtrTrq		
target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_Vecu_Volt_f32	target_CDDInterface_Per2_Vecu_	_	
Name	Actual Value	Expected Value	Resu
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	1	1	
CDD_AssistAssemblyPolarity_Cnt_G_s08[0]	-1	-1	•
CDD_AssistAssemblyPolarity_Cnt_G_s08[1]	-1	-1	
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	192.830994	192.830994 ± 0.0009	
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	-789.630005	-789.630005 ± 0.0009	
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	-0.00910000037	0 ± 0.0625	•
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	0.0078125	0.0078125 ± 0.0625	
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	0.00930000003	0 ± 0.0625	
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	-0.0258789063	-0.0258789063 ± 0.0625	
CDD_MtrCurrOffComOffset_Cnt_G_u16[0]	3889	3889	
CDD_MtrCurrOffComOffset_Cnt_G_u16[1]	28568	28568	
CDD_MtrPosPolarity_Cnt_G_s08[0]	-1	-1	•
CDD_MtrPosPolarity_Cnt_G_s08[1]	-1	-1	
		•	
CDD_SysState_Cnt_G_Enum	0	0	
CDD_SysState_Cnt_G_Enum CDD_Vecu_Volt_G_f32[0]	0 22.4699993	0 22.4699993 ± 0.00009	

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Sa_CDDInterface_SystemState_Mode	1	Rte_Mode_Sa_CDDInterface_SystemState_Mode	1	~

27.6200008

CDD_Vecu_Volt_G_f32[1]

27.6200008 ± 0.00009





Test Step 1.28 (Repeat Count = 1)			•
Name	Input Value		
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	1		
CDD_AssistAssemblyPolarity_Cnt_G_s08[0]	-1	-1	
CDD_AssistAssemblyPolarity_Cnt_G_s08[1]	-1		
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	141.156998		
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	151.380005		
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	0.00930000003		
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	0.00939999986		
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	-0.0120999999		
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	-0.0121999998		
CDD_MtrCurrOffComOffset_Cnt_G_u16[0]	4530		
CDD_MtrCurrOffComOffset_Cnt_G_u16[1]	5471		
CDD_MtrPosPolarity_Cnt_G_s08[0]	1		
CDD_MtrPosPolarity_Cnt_G_s08[1]	1		
CDD_Vecu_Volt_G_f32[0]	7.17999983		
CDD_Vecu_Volt_G_f32[1]	8.57999992		
Rte_Inst_Sa_CDDInterface	target_Rte_Inst_Sa_CDDInterf	ace	
Rte_Mode_Sa_CDDInterface_SystemState_Mode()	1		
target_CDDInterface_Per2_AssistAssemblyPolarity_Cnt_s08.value	1		
target_CDDInterface_Per2_CommOffset_Cnt_u16.value	34758		
target_CDDInterface_Per2_MRFMtrVel_MtrRadpS_f32.value	125.220001		
target_CDDInterface_Per2_MtrCurr1TempOffset_Volt_f32.value	-0.0122070313		
target_CDDInterface_Per2_MtrCurr2TempOffset_Volt_f32.value	0.0258789063		
target_CDDInterface_Per2_MtrPosPolarity_Cnt_s08.value	-1		
target_CDDInterface_Per2_MtrTrqCmdSign_Cnt_s16.value	1		
target_CDDInterface_Per2_Vecu_Volt_f32.value	28.6299992		
target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_AssistAssemblyPola	arity_Cnt target_CDDInterface_Per2_As	sistAssemblyPolarity_Cnt_s08	
target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_CommOffset_Cnt_u	16 target_CDDInterface_Per2_Co	mmOffset_Cnt_u16	
target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_MRFMtrVel_MtrRad	lpS_f32 target_CDDInterface_Per2_MF	RFMtrVel_MtrRadpS_f32	
target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_MtrCurr1TempOffse	et_Volt_f; target_CDDInterface_Per2_Mti	rCurr1TempOffset_Volt_f32	
target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_MtrCurr2TempOffse	et_Volt_f: target_CDDInterface_Per2_Mti	rCurr2TempOffset_Volt_f32	
target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_MtrPosPolarity_Cnt	s08 target_CDDInterface_Per2_Mti	rPosPolarity_Cnt_s08	
target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_MtrTrqCmdSign_Cr	nt_s16 target_CDDInterface_Per2_Mtr	rTrqCmdSign_Cnt_s16	
target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_Vecu_Volt_f32	target_CDDInterface_Per2_Ve	cu_Volt_f32	
Name	Actual Value	Expected Value	Resul
CDD AppDataFwdPthAccessBfr Cnt G u16	0	0	
CDD AssistAssemblyPolarity Cnt G s08[0]	1	1	
CDD AssistAssemblyPolarity Cnt G s08[1]	-1	-1	
CDD MRFMtrVel MtrRadpS G f32[0]	125.220001	125.220001 ± 0.0009	
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	151.380005	151.380005 ± 0.0009	
CDD MtrCurr1TempOffset Volt G f32[0]	-0.0122070313	-0.0122070313 ± 0.0625	
CDD MtrCurr1TempOffset Volt G f32[1]	0.00939999986	0.00939999986 ± 0.0625	
CDD MtrCurr2TempOffset Volt G f32[0]	0.0258789063	0.0258789063 ± 0.0625	
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	-0.0121999998	-0.0121999998 ± 0.0625	
CDD MtrCurrOffComOffset Cnt G u16[0]	34758	34758	
CDD MtrCurrOffComOffset Cnt G u16[1]	5471	5471	
CDD_MtrPosPolarity_Cnt_G_s08[0]	-1	-1	
	1	1	
	'		
CDD_MtrPosPolarity_Cnt_G_s08[1] CDD_SysState_Cnt_G_Enum	1	1	
CDD_MttPosPolarity_Cnt_G_su8[1] CDD_sysState_Cnt_G_Enum CDD_Vecu_Volt_G_f32[0]	1 28.6299992	1 28.6299992 ± 0.00009	

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
Rte Mode Sa CDDInterface SystemState Mode	1	Rte Mode Sa CDDInterface SystemState Mode	1	~

Test Step 1.29 (Repeat Count = 1)		✓
Name	Input Value	
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	0	
CDD_AssistAssemblyPolarity_Cnt_G_s08[0]	1	
CDD_AssistAssemblyPolarity_Cnt_G_s08[1]	1	
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	-181.828003	
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	-170.824997	
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	-0.0126999998	
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	-0.0127999997	
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	0.0129000004	
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	0.0130000003	
CDD_MtrCurrOffComOffset_Cnt_G_u16[0]	6229	

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Name	Input Value		
CDD_MtrCurrOffComOffset_Cnt_G_u16[1]	9023		
CDD_MtrPosPolarity_Cnt_G_s08[0]	1		
CDD_MtrPosPolarity_Cnt_G_s08[1]	-1		
CDD_Vecu_Volt_G_f32[0]	9.27999973		
CDD_Vecu_Volt_G_f32[1]	10.2799997		
Rte_Inst_Sa_CDDInterface	target_Rte_Inst_Sa_CDDInterface		
Rte_Mode_Sa_CDDInterface_SystemState_Mode()	0		
target_CDDInterface_Per2_AssistAssemblyPolarity_Cnt_s08.value	1		
target_CDDInterface_Per2_CommOffset_Cnt_u16.value	8685		
target_CDDInterface_Per2_MRFMtrVel_MtrRadpS_f32.value	-365.25		
target_CDDInterface_Per2_MtrCurr1TempOffset_Volt_f32.value	-0.0219726563		
target_CDDInterface_Per2_MtrCurr2TempOffset_Volt_f32.value	-0.0258789063		
target_CDDInterface_Per2_MtrPosPolarity_Cnt_s08.value	-1		
target_CDDInterface_Per2_MtrTrqCmdSign_Cnt_s16.value	1		
target_CDDInterface_Per2_Vecu_Volt_f32.value	5.25		
target Rte Inst Sa CDDInterface.CDDInterface Per2 AssistAssemblyPolarity Cr	target_CDDInterface_Per2_AssistAssembly	Polarity_Cnt_s08	
target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_CommOffset_Cnt_u16	target_CDDInterface_Per2_CommOffset_Cnt_u16		
$target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_MRFMtrVel_MtrRadpS_f32000000000000000000000000000000000000$	target_CDDInterface_Per2_MRFMtrVel_MtrRadpS_f32		
$target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_MtrCurr1TempOffset_Volt_Inst_Sa_CDDInterface_Per2_MtrCurr1TempOffset_Nolt_Inst_Sa_CDDInterface_Per2_MtrCurr1TempOffset_Nolt_Inst_Sa_CDDInterface_Per2_MtrCurr1TempOffset_Nolt_Inst_Sa_CDDInterface_Per2_MtrCurr1TempOffset_Nolt_Nolt_Nolt_Nolt_Inst_Sa_CDDInterface_Per2_MtrCurr1TempOffset_Nolt_Nolt_Nolt_Nolt_Nolt_Nolt_Nolt_Nol$	t_f: target_CDDInterface_Per2_MtrCurr1TempOffset_Volt_f32		
$target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_MtrCurr2TempOffset_Volt_Inst_Sa_CDDInterface_Per2_MtrCurr2TempOffset_Nolt_Inst_Sa_CDDInterface_Per2_MtrCurr2TempOffset_Nolt_Inst_Sa_CDDInterface_Per2_MtrCurr2TempOffset_Nolt_Inst_Sa_CDDInterface_Per2_MtrCurr2TempOffset_Nolt_Nolt_Nolt_Inst_Sa_CDDInterface_Per2_MtrCurr2TempOffset_Nolt_Nolt_Nolt_Nolt_Nolt_Nolt_Nolt_Nol$	t_f. target_CDDInterface_Per2_MtrCurr2TempOffset_Volt_f32		
target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_MtrPosPolarity_Cnt_s08	target_CDDInterface_Per2_MtrPosPolarity_Cnt_s08		
$target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_MtrTrqCmdSign_Cnt_s16$	target_CDDInterface_Per2_MtrTrqCmdSign	_Cnt_s16	
target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_Vecu_Volt_f32	target_CDDInterface_Per2_Vecu_Volt_f32		
Name	Actual Value	Expected Value	Result
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	1	1	•
CDD_AssistAssemblyPolarity_Cnt_G_s08[0]	1	1	•
CDD_AssistAssemblyPolarity_Cnt_G_s08[1]	1	1	•
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	-181.828003	-181.828003 ± 0.0009	•
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	-365.25	-365.25 ± 0.0009	•
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	-0.0126999998	0 ± 0.0625	•
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	-0.0219726563	-0.0219726563 ± 0.0625	•
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	0.0129000004	0 ± 0.0625	· ·
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	-0.0258789063	-0.0258789063 ± 0.0625	•
CDD_MtrCurrOffComOffset_Cnt_G_u16[0]	6229	6229	•
CDD_MtrCurrOffComOffset_Cnt_G_u16[1]	8685	8685	•
CDD_MtrPosPolarity_Cnt_G_s08[0]	1	1	•
CDD_MtrPosPolarity_Cnt_G_s08[1]	-1	-1	•
CDD_SysState_Cnt_G_Enum	0	0	•
CDD_Vecu_Volt_G_f32[0]	9.27999973	9.27999973 ± 0.000009	•
CDD_Vecu_Volt_G_f32[1]	5.25	5.25 ± 0.000009	•

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte Mode Sa CDDInterface SystemState Mode	1	Rte Mode Sa CDDInterface SystemState Mode	1	•

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Test Step 1.30 (Repeat Count = 1)	V
Name	Input Value
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	0
CDD_AssistAssemblyPolarity_Cnt_G_s08[0]	1
CDD_AssistAssemblyPolarity_Cnt_G_s08[1]	-1
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	194.345001
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	205.608002
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	0.0129000004
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	0.0130000003
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	-0.0131000001
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	-0.0131999999
CDD_MtrCurrOffComOffset_Cnt_G_u16[0]	6350
CDD_MtrCurrOffComOffset_Cnt_G_u16[1]	9210
CDD_MtrPosPolarity_Cnt_G_s08[0]	-1
CDD_MtrPosPolarity_Cnt_G_s08[1]	1
CDD_Vecu_Volt_G_f32[0]	10.25
CDD_Vecu_Volt_G_f32[1]	11.1499996
Rte_Inst_Sa_CDDInterface	target_Rte_Inst_Sa_CDDInterface
Rte_Mode_Sa_CDDInterface_SystemState_Mode()	1
target_CDDInterface_Per2_AssistAssemblyPolarity_Cnt_s08.value	1
target_CDDInterface_Per2_CommOffset_Cnt_u16.value	6857
target_CDDInterface_Per2_MRFMtrVel_MtrRadpS_f32.value	-854.25
target_CDDInterface_Per2_MtrCurr1TempOffset_Volt_f32.value	0.0122070313
target_CDDInterface_Per2_MtrCurr2TempOffset_Volt_f32.value	0.0078125
target_CDDInterface_Per2_MtrPosPolarity_Cnt_s08.value	-1





Name	Input Value		
target_CDDInterface_Per2_MtrTrqCmdSign_Cnt_s16.value	-1		
target_CDDInterface_Per2_Vecu_Volt_f32.value	18.9599991		
$target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_AssistAssemblyPolarity_Cnressing the control of the control$	t target_CDDInterface_Per2_AssistAssemblyF	Polarity_Cnt_s08	
target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_CommOffset_Cnt_u16	target_CDDInterface_Per2_CommOffset_Cr	ıt_u16	
$target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_MRFMtrVel_MtrRadpS_f32$	target_CDDInterface_Per2_MRFMtrVel_Mtrl	RadpS_f32	
$target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_MtrCurr1TempOffset_Volt_Starget_Rte_Inst_Sa_CDDInterface_Per2_MtrCurr1TempOffset_Volt_Starget_Rte_Inst_Sa_CDDInterface_Per2_MtrCurr1TempOffset_Volt_Starget_Rte_Inst_Sa_CDDInterface_Per2_MtrCurr1TempOffset_Volt_Starget_Rte_Inst_Sa_CDDInterface_Per2_MtrCurr1TempOffset_Volt_Starget_Rte_Inst_Sa_CDDInterface_Per2_MtrCurr1TempOffset_Volt_Starget_Rte_Inst_Sa_CDDInterface_Per2_MtrCurr1TempOffset_Volt_Starget_Rte_Inst_Sa_CDDInterface_Rte_Inst_Sa_CDInterface_Rte_Inst_Sa_CDInterface_Rte_Inst_Sa_CDInterface_Rte_Inst_Sa_CDInterface_Rte_Inst_Sa_CDInterface_Rte_Inst_Sa_CDInterface_Rte_Inst_Sa_CDInterface_Rte_Inst_Sa_CDInterface_Rte_Inst_Sa_CDInterface_Rte_Inst_Sa_CDInterface_Rte_Inst_Sa_CDInterface_R$	f: target_CDDInterface_Per2_MtrCurr1TempO	ffset_Volt_f32	
target Rte Inst Sa CDDInterface.CDDInterface Per2 MtrCurr2TempOffset Volt	f: target_CDDInterface_Per2_MtrCurr2TempO	ffset_Volt_f32	
target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_MtrPosPolarity_Cnt_s08	target_CDDInterface_Per2_MtrPosPolarity_0	Cnt_s08	
$target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_MtrTrqCmdSign_Cnt_s16$	target_CDDInterface_Per2_MtrTrqCmdSign_	_Cnt_s16	
target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_Vecu_Volt_f32	target_CDDInterface_Per2_Vecu_Volt_f32		
Name	Actual Value	Expected Value	Result
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	1	1	✓
CDD_AssistAssemblyPolarity_Cnt_G_s08[0]	1	1	✓
CDD_AssistAssemblyPolarity_Cnt_G_s08[1]	1	1	✓
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	194.345001	194.345001 ± 0.0009	✓
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	-854.25	-854.25 ± 0.0009	✓
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	0.0129000004	0 ± 0.0625	✓
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	0.0122070313	0.0122070313 ± 0.0625	✓
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	-0.0131000001	0 ± 0.0625	✓
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	0.0078125	0.0078125 ± 0.0625	✓
CDD_MtrCurrOffComOffset_Cnt_G_u16[0]	6350	6350	✓
CDD_MtrCurrOffComOffset_Cnt_G_u16[1]	6857	6857	✓
CDD_MtrPosPolarity_Cnt_G_s08[0]	-1	-1	✓
CDD_MtrPosPolarity_Cnt_G_s08[1]	-1	-1	✓
CDD_SysState_Cnt_G_Enum	1	1	✓
CDD_Vecu_Volt_G_f32[0]	10.25	10.25 ± 0.00009	✓
CDD_Vecu_Volt_G_f32[1]	18.9599991	18.9599991 ± 0.00009	✓

rest Step Call Trace				~
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Sa_CDDInterface_SystemState_Mode	1	Rte_Mode_Sa_CDDInterface_SystemState_Mode	1	~

Test Step 1.31 (Repeat Count = 1)			✓
Name	Input Value		
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	1		
CDD_AssistAssemblyPolarity_Cnt_G_s08[0]	-1		
CDD_AssistAssemblyPolarity_Cnt_G_s08[1]	1		
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	120.710999		
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	130.934006		
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	-0.0131000001		
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	-0.0131999999		
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	0.0132999998		
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	0.0133999996		
CDD_MtrCurrOffComOffset_Cnt_G_u16[0]	214		
CDD_MtrCurrOffComOffset_Cnt_G_u16[1]	312		
CDD_MtrPosPolarity_Cnt_G_s08[0]	-1		
CDD_MtrPosPolarity_Cnt_G_s08[1]	-1		
CDD_Vecu_Volt_G_f32[0]	12.25		
CDD_Vecu_Volt_G_f32[1]	13.1800003		
Rte_Inst_Sa_CDDInterface	target_Rte_Inst_Sa_CDDInterface		
Rte_Mode_Sa_CDDInterface_SystemState_Mode()	2		
target_CDDInterface_Per2_AssistAssemblyPolarity_Cnt_s08.value	-1		
target_CDDInterface_Per2_CommOffset_Cnt_u16.value	7485		
target_CDDInterface_Per2_MRFMtrVel_MtrRadpS_f32.value	-256.350006		
target_CDDInterface_Per2_MtrCurr1TempOffset_Volt_f32.value	-0.0258789063		
target_CDDInterface_Per2_MtrCurr2TempOffset_Volt_f32.value	-0.0219726563		
target_CDDInterface_Per2_MtrPosPolarity_Cnt_s08.value	-1		
target_CDDInterface_Per2_MtrTrqCmdSign_Cnt_s16.value	-1		
target_CDDInterface_Per2_Vecu_Volt_f32.value	14.5200005		
$target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_AssistAssemblyPolarity_Cntored and the property of the pro$	target_CDDInterface_Per2_AssistAssemblyF	Polarity_Cnt_s08	
target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_CommOffset_Cnt_u16	target_CDDInterface_Per2_CommOffset_Cr	ıt_u16	
$target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_MRFMtrVel_MtrRadpS_f32$	S_f32 target_CDDInterface_Per2_MRFMtrVel_MtrRadpS_f32		
$target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_MtrCurr1TempOffset_Volt_face_Per2_MtrCurr1TempOffset_Face_Per2_MtrCurr1TempOffset_Per2_MtrCurr1TempOffset_Per2_MtrCurr1TempOffset_Per2_MtrCurr1TempOffset_Per2_MtrCurr1TempOffset_Per2_MtrCurr1TempOffset_Per2_MtrCurr1TempOffset_Per2_MtrCurr1TempOffset_Per2_MtrCurr1TempOffset_Per2_MtrCurr1TempOffset_Per2_MtrCurr1TempOffset_Per2_MtrCurr1TempOffset_Per2_MtrCurr1TempOffset_Per2_MtrCurr1TempOffset_Per2_MtrCurr1TempOffset_Per2_MtrCurr1Te$	terface_Per2_MtrCurr1TempOffset_Volt_f: target_CDDInterface_Per2_MtrCurr1TempOffset_Volt_f32		
$target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_MtrCurr2TempOffset_Volt_face_Per2_MtrCurr2TempOffset_Face_Per2_MtrCurr2TempOffset_Per2_MtrCurr2TempOffset_Per2_MtrCurr2TempOffset_Per2_MtrCurr2TempOffset_Per2_MtrCurr2TempOffset_Per2_MtrCurr2TempOffset_Per2_MtrCurr2TempOffset_Per2_MtrCurr2TempOffset_Per2_MtrC$	target_CDDInterface_Per2_MtrCurr2TempO	ffset_Volt_f32	
target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_MtrPosPolarity_Cnt_s08	s08 target_CDDInterface_Per2_MtrPosPolarity_Cnt_s08		
$target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_MtrTrqCmdSign_Cnt_s16$	s16 target_CDDInterface_Per2_MtrTrqCmdSign_Cnt_s16		
target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_Vecu_Volt_f32	target_CDDInterface_Per2_Vecu_Volt_f32		
Name	Actual Value	Expected Value	Result
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	0	0	~
CDD_AssistAssemblyPolarity_Cnt_G_s08[0]	-1	-1	~

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Name	Actual Value	Expected Value	Result
CDD_AssistAssemblyPolarity_Cnt_G_s08[1]	1	1	~
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	-256.350006	-256.350006 ± 0.0009	~
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	130.934006	130.934006 ± 0.0009	~
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	-0.0258789063	-0.0258789063 ± 0.0625	•
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	-0.0131999999	-0.0131999999 ± 0.0625	~
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	-0.0219726563	-0.0219726563 ± 0.0625	~
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	0.0133999996	0.0133999996 ± 0.0625	~
CDD_MtrCurrOffComOffset_Cnt_G_u16[0]	7485	7485	~
CDD_MtrCurrOffComOffset_Cnt_G_u16[1]	312	312	~
CDD_MtrPosPolarity_Cnt_G_s08[0]	-1	-1	~
CDD_MtrPosPolarity_Cnt_G_s08[1]	-1	-1	~
CDD_SysState_Cnt_G_Enum	2	2	~
CDD_Vecu_Volt_G_f32[0]	14.5200005	14.5200005 ± 0.00009	~
CDD_Vecu_Volt_G_f32[1]	13.1800003	13.1800003 ± 0.00009	•

Test Step Call Trace				V
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Sa_CDDInterface_SystemState_Mode	1	Rte_Mode_Sa_CDDInterface_SystemState_Mode	1	~

Test Step 1.32 (Repeat Count = 1)			
Name	Input Value		
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	0		
CDD_AssistAssemblyPolarity_Cnt_G_s08[0]	-1		
CDD_AssistAssemblyPolarity_Cnt_G_s08[1]	-1		
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	144.751007		
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	155.233994		
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	0.0132999998		
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	0.0133999996		
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	-0.0135000004		
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	-0.0136000002		
CDD_MtrCurrOffComOffset_Cnt_G_u16[0]	222		
CDD_MtrCurrOffComOffset_Cnt_G_u16[1]	368		
CDD_MtrPosPolarity_Cnt_G_s08[0]	1		
CDD_MtrPosPolarity_Cnt_G_s08[1]	1		
CDD_Vecu_Volt_G_f32[0]	14.2799997		
CDD_Vecu_Volt_G_f32[1]	15.1800003		
Rte_Inst_Sa_CDDInterface	target_Rte_Inst_Sa_CDDInt	erface	
Rte_Mode_Sa_CDDInterface_SystemState_Mode()	3		
target_CDDInterface_Per2_AssistAssemblyPolarity_Cnt_s08.value	-1		
target_CDDInterface_Per2_CommOffset_Cnt_u16.value	8685	8685	
target_CDDInterface_Per2_MRFMtrVel_MtrRadpS_f32.value	247.279999		
target_CDDInterface_Per2_MtrCurr1TempOffset_Volt_f32.value	0.0078125		
target_CDDInterface_Per2_MtrCurr2TempOffset_Volt_f32.value	0.0122070313		
target_CDDInterface_Per2_MtrPosPolarity_Cnt_s08.value	1		
target_CDDInterface_Per2_MtrTrqCmdSign_Cnt_s16.value	-1		
target_CDDInterface_Per2_Vecu_Volt_f32.value	19.6299992		
target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_AssistAssembly	yPolarity_Cnt target_CDDInterface_Per2_	AssistAssemblyPolarity_Cnt_s08	
target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_CommOffset_C	Cnt_u16 target_CDDInterface_Per2_	CommOffset_Cnt_u16	
$target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_MRFMtrVel_Mtriangles = 0.0000000000000000000000000000000000$	trRadpS_f32 target_CDDInterface_Per2_	MRFMtrVel_MtrRadpS_f32	
target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_MtrCurr1Temp0	Offset_Volt_f: target_CDDInterface_Per2_	MtrCurr1TempOffset_Volt_f32	
$target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_MtrCurr2Temp0$	Offset_Volt_f: target_CDDInterface_Per2_	MtrCurr2TempOffset_Volt_f32	
target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_MtrPosPolarity_	_Cnt_s08 target_CDDInterface_Per2_	MtrPosPolarity_Cnt_s08	
$target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_MtrTrqCmdSignature and the property of the$	n_Cnt_s16 target_CDDInterface_Per2_	MtrTrqCmdSign_Cnt_s16	
$target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_Vecu_Volt_f32$	target_CDDInterface_Per2_	target_CDDInterface_Per2_Vecu_Volt_f32	
Name	Actual Value	Expected Value	Resul
CDD AppDataFwdPthAccessBfr Cnt G u16	1	1	
CDD AssistAssemblyPolarity Cnt G s08[0]	-1	-1	
CDD AssistAssemblyPolarity Cnt G s08[1]	-1	-1	•
CDD MREMtrVel MtrRadpS G f32[0]	144 751007	144 751007 + 0 0009	

target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_Vecu_Volt_f32	target_CDDInterface_Per2_Vecu_Volt_f32		
Name	Actual Value	Expected Value	Result
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	1	1	•
CDD_AssistAssemblyPolarity_Cnt_G_s08[0]	-1	-1	✓
CDD_AssistAssemblyPolarity_Cnt_G_s08[1]	-1	-1	•
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	144.751007	144.751007 ± 0.0009	✓
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	247.279999	247.279999 ± 0.0009	•
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	0.0132999998	0 ± 0.0625	✓
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	0.0078125	0.0078125 ± 0.0625	•
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	-0.0135000004	0 ± 0.0625	✓
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	0.0122070313	0.0122070313 ± 0.0625	•
CDD_MtrCurrOffComOffset_Cnt_G_u16[0]	222	222	✓
CDD_MtrCurrOffComOffset_Cnt_G_u16[1]	8685	8685	✓
CDD_MtrPosPolarity_Cnt_G_s08[0]	1	1	✓
CDD_MtrPosPolarity_Cnt_G_s08[1]	1	1	~
CDD_SysState_Cnt_G_Enum	3	3	•
CDD_Vecu_Volt_G_f32[0]	14.2799997	14.2799997 ± 0.00009	~

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CDDInterface_Per2

Name	Actual Value	Expected Value	Result
CDD Vecu Volt G f32[1]	19.6299992	19.6299992 ± 0.00009	✓

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Sa_CDDInterface_SystemState_Mode	1	Rte_Mode_Sa_CDDInterface_SystemState_Mode	1	~

Name	Input Value		
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	1		
CDD_AssistAssemblyPolarity_Cnt_G_s08[0]	1		
CDD_AssistAssemblyPolarity_Cnt_G_soo[o] CDD AssistAssemblyPolarity Cnt G s08[1]	1		
CDD_AssistAsseriblyFolarity_Crit_G_soo[1] CDD_MRFMtrVel_MtrRadpS_G_f32[0]	-168.791		
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	-159.533997		
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	-0.0135000004		
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	-0.0136000004		
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	0.0137		
CDD_MtrCurr2TempOffset_Volt_G_i32[i] CDD MtrCurr2TempOffset Volt G f32[i]	0.0137		
CDD_MtrCurrOffComOffset_Voit_G_i32[1]	230		
CDD_MtrCurrOffComOffset_Cnt_G_u16[1]	424		
CDD_MtrPosPolarity_Cnt_G_s08[0]	1		
CDD_MtrPosPolarity_Cnt_G_s08[1]	-1		
CDD_Vecu_Volt_G_f32[0]	16.8500004		
CDD_Vecu_Volt_G_f32[1]	17.9599991		
Rte_Inst_Sa_CDDInterface	target_Rte_Inst_Sa_CDDInterfa	ce	
Rte_Mode_Sa_CDDInterface_SystemState_Mode()	4		
target_CDDInterface_Per2_AssistAssemblyPolarity_Cnt_s08.value	-1		
target_CDDInterface_Per2_CommOffset_Cnt_u16.value	9658		
target_CDDInterface_Per2_MRFMtrVel_MtrRadpS_f32.value	-965.25		
target_CDDInterface_Per2_MtrCurr1TempOffset_Volt_f32.value	-0.0219726563		
target_CDDInterface_Per2_MtrCurr2TempOffset_Volt_f32.value	-0.0258789063		
target_CDDInterface_Per2_MtrPosPolarity_Cnt_s08.value	1		
target_CDDInterface_Per2_MtrTrqCmdSign_Cnt_s16.value	1		
target_CDDInterface_Per2_Vecu_Volt_f32.value	16.25		
target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_AssistAssemblyPola	rrity_Cnt target_CDDInterface_Per2_Ass	istAssemblyPolarity_Cnt_s08	
target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_CommOffset_Cnt_u	16 target_CDDInterface_Per2_Cor	nmOffset_Cnt_u16	
target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_MRFMtrVel_MtrRad	pS_f32 target_CDDInterface_Per2_MR	FMtrVel_MtrRadpS_f32	
target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_MtrCurr1TempOffse	t_Volt_f: target_CDDInterface_Per2_Mtr	Curr1TempOffset_Volt_f32	
target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_MtrCurr2TempOffse	t_Volt_f; target_CDDInterface_Per2_Mtr	Curr2TempOffset_Volt_f32	
target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_MtrPosPolarity_Cnt_	_s08 target_CDDInterface_Per2_Mtrl	PosPolarity_Cnt_s08	
target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_MtrTrqCmdSign_Cn	t_s16 target_CDDInterface_Per2_Mtr	FrqCmdSign_Cnt_s16	
target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_Vecu_Volt_f32	target_CDDInterface_Per2_Vec	u_Volt_f32	
Name	Actual Value	Expected Value	Resu
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	0	0	
CDD_AssistAssemblyPolarity_Cnt_G_s08[0]	-1	-1	
CDD AssistAssemblyPolarity Cnt G s08[1]	1	1	
CDD MRFMtrVel MtrRadpS G f32[0]	-965.25	-965.25 ± 0.0009	
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	-159.533997	-159.533997 ± 0.0009	
CDD MtrCurr1TempOffset Volt G f32[0]	-0.0219726563	-0.0219726563 ± 0.0625	
CDD MtrCurr1TempOffset Volt G f32[1]	-0.0136000002	-0.0136000002 ± 0.0625	
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	-0.0258789063	-0.0258789063 ± 0.0625	
CDD MtrCurr2TempOffset Volt G f32[1]	0.0137999998	0.0137999998 ± 0.0625	
CDD MtrCurrOffComOffset Cnt G u16[0]	9658	9658	
CDD_MtrCurrOffComOffset_Cnt_G_u16[1]	424	424	
CDD_MtrPosPolarity_Cnt_G_s08[0]	1	1	
CDD_MtrPosPolarity_Cnt_G_s08[1]	-1	-1	
	1-1	-1	
	4	4	
CDD_SysState_Cnt_G_Enum CDD_Vecu_Volt_G_f32[0]	4 16.25	4 16.25 ± 0.00009	

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
Rte Mode Sa CDDInterface SystemState Mode	1	Rte Mode Sa CDDInterface SystemState Mode	1	_

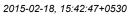
17.9599991

Test Step 1.34 (Repeat Count = 1)	
Name	Input Value
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	0

CDD_Vecu_Volt_G_f32[1]

17.9599991 ± 0.00009

CDDInterface_Per2





Name	Input Value		
CDD_AssistAssemblyPolarity_Cnt_G_s08[0]	1		
CDD_AssistAssemblyPolarity_Cnt_G_s08[1]	-1		
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	192.830994		
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	203.834		
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	0.0137		
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	0.0137999998		
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	-0.0138999997		
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	-0.0140000004		
CDD_MtrCurrOffComOffset_Cnt_G_u16[0]	3446		
CDD_MtrCurrOffComOffset_Cnt_G_u16[1]	4722		
CDD_MtrPosPolarity_Cnt_G_s08[0]	-1		
CDD_MtrPosPolarity_Cnt_G_s08[1]	1		
CDD_Vecu_Volt_G_f32[0]	18.25		
CDD Vecu Volt G f32[1]	19.5799999		
Rte Inst Sa CDDInterface	target Rte Inst Sa CDDInterface		
Rte Mode Sa CDDInterface SystemState Mode()	0		
target CDDInterface Per2 AssistAssemblyPolarity Cnt s08.value	1		
target_CDDInterface_Per2_CommOffset_Cnt_u16.value	10255		
target CDDInterface Per2 MRFMtrVel MtrRadpS f32.value	-452.359985		
target_CDDInterface_Per2_MtrCurr1TempOffset_Volt_f32.value	0.0122070313		
target CDDInterface Per2 MtrCurr2TempOffset Volt f32.value	0.0258789063		
target CDDInterface Per2 MtrPosPolarity Cnt s08.value	-1		
target CDDInterface Per2 MtrTrqCmdSign Cnt s16.value	1		
target_CDDInterface_Per2_Vecu_Volt_f32.value	5		
target Rte Inst Sa CDDInterface.CDDInterface Per2 AssistAssemblyPolarity C	-	ssemblyPolarity Cnt s08	
target Rte Inst Sa CDDInterface.CDDInterface Per2 CommOffset Cnt u16	target CDDInterface Per2 CommC	, ,	
target Rte Inst Sa CDDInterface.CDDInterface Per2 MRFMtrVel MtrRadpS f3			
target Rte Inst Sa CDDInterface.CDDInterface Per2 MtrCurr1TempOffset Vol			
target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_MtrCurr2TempOffset_Vol		<u> </u>	
target Rte Inst Sa CDDInterface.CDDInterface Per2 MtrPosPolarity Cnt s08	target_CDDInterface_Per2_MtrPosF		
target Rte Inst Sa CDDInterface.CDDInterface Per2 MtrTrqCmdSign Cnt s16			
target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_Vecu_Volt_f32	target CDDInterface Per2 Vecu V	,	
Name	Actual Value	Expected Value	Result
CDD AppDataFwdPthAccessBfr Cnt G u16	1	1	Kesuit
CDD_Appbatarwdrtinaccessbil_Cfit_G_tro	1	1	
_	1	1	
CDD_AssistAssemblyPolarity_Cnt_G_s08[1] CDD_MRFMtrVel_MtrRadpS_G_f32[0]	192.830994	192.830994 ± 0.0009	
	-452.359985	-452.359985 ± 0.0009	
CDD_MRFMtrVel_MtrRadpS_G_f32[1] CDD_MtrCurr1TempOffcet_Volt_C_f32[0]	0.0137	0 ± 0.0625	
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	0.0122070313	0.0122070313 ± 0.0625	
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	-0.0138999997	0.0122070313 ± 0.0625 0 ± 0.0625	
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	0.0258789063	0 ± 0.0625 0.0258789063 ± 0.0625	
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	3446	3446	
CDD_MtrCurrOffComOffset_Cnt_G_u16[0]			
CDD_MtrCurrOffComOffset_Cnt_G_u16[1]	10255 -1	10255	Ž
CDD_MtrPosPolarity_Cnt_G_s08[0]	-1	-1 -1	
CDD MtrPosPolarity Cpt G s08[1]		[-1	▼
		0	
CDD_MtrPosPolarity_Cnt_G_s08[1] CDD_sysState_Cnt_G_Enum CDD Vecu Volt G f32[0]	0 18.25	0 18.25 ± 0.00009	· ·

Test Step Call Trace				✓
Actual Function	Count	Expected Function	Count	Result
Rte_Mode_Sa_CDDInterface_SystemState_Mode	1	Rte_Mode_Sa_CDDInterface_SystemState_Mode	1	~

Test Step 1.35 (Repeat Count = 1)	✓
Name	Input Value
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	1
CDD_AssistAssemblyPolarity_Cnt_G_s08[0]	-1
CDD_AssistAssemblyPolarity_Cnt_G_s08[1]	1
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	141.156998
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	151.380005
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	-0.0138999997
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	-0.0140000004
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	-0.00810000021
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	-0.00820000004
CDD_MtrCurrOffComOffset_Cnt_G_u16[0]	3567
CDD_MtrCurrOffComOffset_Cnt_G_u16[1]	4909
CDD_MtrPosPolarity_Cnt_G_s08[0]	-1
CDD_MtrPosPolarity_Cnt_G_s08[1]	-1
CDD_Vecu_Volt_G_f32[0]	20.2800007

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Name	Input Value		
CDD_Vecu_Volt_G_f32[1]	21.2600002		
Rte_Inst_Sa_CDDInterface	target_Rte_Inst_Sa_CDDInterface		
Rte_Mode_Sa_CDDInterface_SystemState_Mode()	2		
target_CDDInterface_Per2_AssistAssemblyPolarity_Cnt_s08.value	-1		
target_CDDInterface_Per2_CommOffset_Cnt_u16.value	11257		
target_CDDInterface_Per2_MRFMtrVel_MtrRadpS_f32.value	856.25		
target_CDDInterface_Per2_MtrCurr1TempOffset_Volt_f32.value	-0.0258789063		
target_CDDInterface_Per2_MtrCurr2TempOffset_Volt_f32.value	0.0122070313		
target_CDDInterface_Per2_MtrPosPolarity_Cnt_s08.value	-1		
target_CDDInterface_Per2_MtrTrqCmdSign_Cnt_s16.value	-1		
target_CDDInterface_Per2_Vecu_Volt_f32.value	31		
$target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_AssistAssemblyPolarity_Crackets and the property of the pr$	target_CDDInterface_Per2_AssistAssemblyPolarity_Cnt_s08		
target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_CommOffset_Cnt_u16	target_CDDInterface_Per2_CommOffset_Cnt_u16		
target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_MRFMtrVel_MtrRadpS_f32	target_CDDInterface_Per2_MRFMtrVel_MtrRadpS_f32		
$target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_MtrCurr1TempOffset_Volt_Inst_Sa_CDDInterface_Per2_MtrCurr1TempOffset_Nolt_Nolt_Nolt_Nolt_Nolt_Nolt_Nolt_Nol$	target_CDDInterface_Per2_MtrCurr1TempOffset_Volt_f32		
target Rte Inst Sa CDDInterface.CDDInterface Per2 MtrCurr2TempOffset Volt	f: target_CDDInterface_Per2_MtrCurr2TempO	ffset_Volt_f32	
target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_MtrPosPolarity_Cnt_s08	target_CDDInterface_Per2_MtrPosPolarity_Cnt_s08		
$target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_MtrTrqCmdSign_Cnt_s16$	target_CDDInterface_Per2_MtrTrqCmdSign	_Cnt_s16	
target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_Vecu_Volt_f32	target_CDDInterface_Per2_Vecu_Volt_f32		
Name	Actual Value	Expected Value	Result
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	0	0	~
CDD_AssistAssemblyPolarity_Cnt_G_s08[0]	-1	-1	✓
CDD_AssistAssemblyPolarity_Cnt_G_s08[1]	1	1	~
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	856.25	856.25 ± 0.0009	✓
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	151.380005	151.380005 ± 0.0009	✓
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	-0.0258789063	-0.0258789063 ± 0.0625	✓
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	-0.0140000004	-0.0140000004 ± 0.0625	✓
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	0.0122070313	0.0122070313 ± 0.0625	✓
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	-0.00820000004	-0.00820000004 ± 0.0625	~
CDD_MtrCurrOffComOffset_Cnt_G_u16[0]	11257	11257	✓
CDD_MtrCurrOffComOffset_Cnt_G_u16[1]	4909	4909	✓
CDD_MtrPosPolarity_Cnt_G_s08[0]	-1	-1	~
CDD_MtrPosPolarity_Cnt_G_s08[1]	-1	-1	~
CDD_SysState_Cnt_G_Enum	2	2	~
CDD_Vecu_Volt_G_f32[0]	31	31 ± 0.00009	~
CDD_Vecu_Volt_G_f32[1]	21.2600002	21.2600002 ± 0.00009	✓

Test	Test Step Call Trace				
Actua	l Function	Count	Expected Function	Count	Result
Rte_Mo	ode_Sa_CDDInterface_SystemState_Mode	1	Rte_Mode_Sa_CDDInterface_SystemState_Mode	1	~

Name	Input Value
CDD AppDataFwdPthAccessBfr Cnt G u16	1
CDD AssistAssemblyPolarity Cnt G s08[0]	1
CDD AssistAssemblyPolarity Cnt G s08[1]	-1
CDD MRFMtrVel MtrRadpS G f32[0]	-176.199997
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	-165.716995
CDD_MrrCurr1TempOffset Volt G f32[0]	-0.00810000021
CDD MtrCurr1TempOffset Volt G f32[1]	-0.00820000004
CDD_MitCurr2TempOffset_Volt_G_132[1] CDD_MtrCurr2TempOffset_Volt_G_f32[0]	9,9999975e-005
	0.00019999995
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	3688
CDD_MtrCurrOffComOffset_Cnt_G_u16[0]	5096
CDD_MtrCurrOffComOffset_Cnt_G_u16[1]	
CDD_MtrPosPolarity_Cnt_G_s08[0]	1
CDD_MtrPosPolarity_Cnt_G_s08[1]	1
CDD_Vecu_Volt_G_f32[0]	22.4699993
CDD_Vecu_Volt_G_f32[1]	23.2800007
Rte_Inst_Sa_CDDInterface	target_Rte_Inst_Sa_CDDInterface
Rte_Mode_Sa_CDDInterface_SystemState_Mode()	1
target_CDDInterface_Per2_AssistAssemblyPolarity_Cnt_s08.value	1
target_CDDInterface_Per2_CommOffset_Cnt_u16.value	5896
target_CDDInterface_Per2_MRFMtrVel_MtrRadpS_f32.value	-148.619995
target_CDDInterface_Per2_MtrCurr1TempOffset_Volt_f32.value	0.0258789063
target_CDDInterface_Per2_MtrCurr2TempOffset_Volt_f32.value	-0.0258789063
target_CDDInterface_Per2_MtrPosPolarity_Cnt_s08.value	1
target_CDDInterface_Per2_MtrTrqCmdSign_Cnt_s16.value	-1
target_CDDInterface_Per2_Vecu_Volt_f32.value	17.2800007
$target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_AssistAssemblyPolarity and the property of the property of$	rity_Cnt target_CDDInterface_Per2_AssistAssemblyPolarity_Cnt_s08
$target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_CommOffset_Cnt_u1$	6 target_CDDInterface_Per2_CommOffset_Cnt_u16

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Name	Input Value		
target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_MRFMtrVel_MtrRadpS_f32	target_CDDInterface_Per2_MRFMtrVel_MtrRadpS_f32		
target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_MtrCurr1TempOffset_Volt_f	target_CDDInterface_Per2_MtrCurr1TempO	ffset_Volt_f32	
$target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_MtrCurr2TempOffset_Volt_face_Per2_MtrCurr2TempOffset_Face_Per2_MtrCurr2TempOffset_Per2_MtrCurr2TempOffset_Per2_MtrCurr2TempOffset_Per2_MtrCurr2TempOffset_Per2_MtrCurr2TempOffset_Per2_MtrCurr2TempOffset_Per2_MtrCurr2TempOffset_Per2_MtrCurr2TempOffset_Per2_MtrCurr2TempOffset_Per2_MtrCurr2T$	target_CDDInterface_Per2_MtrCurr2TempO	ffset_Volt_f32	
target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_MtrPosPolarity_Cnt_s08	target_CDDInterface_Per2_MtrPosPolarity_Cnt_s08		
target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_MtrTrqCmdSign_Cnt_s16	target_CDDInterface_Per2_MtrTrqCmdSign_Cnt_s16		
target_Rte_Inst_Sa_CDDInterface.CDDInterface_Per2_Vecu_Volt_f32	target_CDDInterface_Per2_Vecu_Volt_f32		
Name	Actual Value	Expected Value	Result
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	0	0	~
CDD_AssistAssemblyPolarity_Cnt_G_s08[0]	1	1	~
CDD_AssistAssemblyPolarity_Cnt_G_s08[1]	-1	-1	~
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	-148.619995	-148.619995 ± 0.0009	~
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	-165.716995	-165.716995 ± 0.0009	~
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	0.0258789063	0.0258789063 ± 0.0625	~
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	-0.00820000004	-0.00820000004 ± 0.0625	~
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	-0.0258789063	-0.0258789063 ± 0.0625	✓
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	0.000199999995	0.000199999995 ± 0.0625	~
CDD_MtrCurrOffComOffset_Cnt_G_u16[0]	5896	5896	✓
CDD_MtrCurrOffComOffset_Cnt_G_u16[1]	5096	5096	~
CDD_MtrPosPolarity_Cnt_G_s08[0]	1	1	✓
CDD_MtrPosPolarity_Cnt_G_s08[1]	1	1	~
CDD_SysState_Cnt_G_Enum	1	1	✓
CDD_Vecu_Volt_G_f32[0]	17.2800007	17.2800007 ± 0.00009	~
CDD_Vecu_Volt_G_f32[1]	23.2800007	23.2800007 ± 0.00009	✓