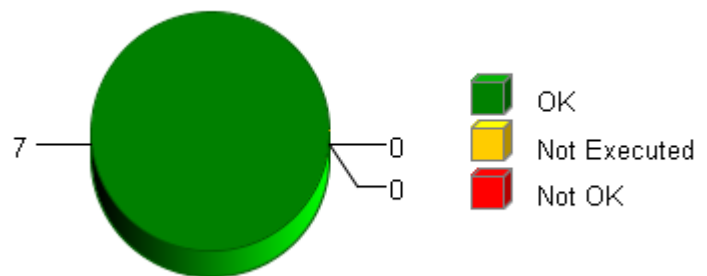


## Summary

**Total Test Objects:** 7  
**Successful:** 7  
**Failed:** 0  
**Not Executed:** 0  
**Date:** 2016-06-03  
**Time:** 15:08:31+0530

## Overall Test Object Results (including Coverage)



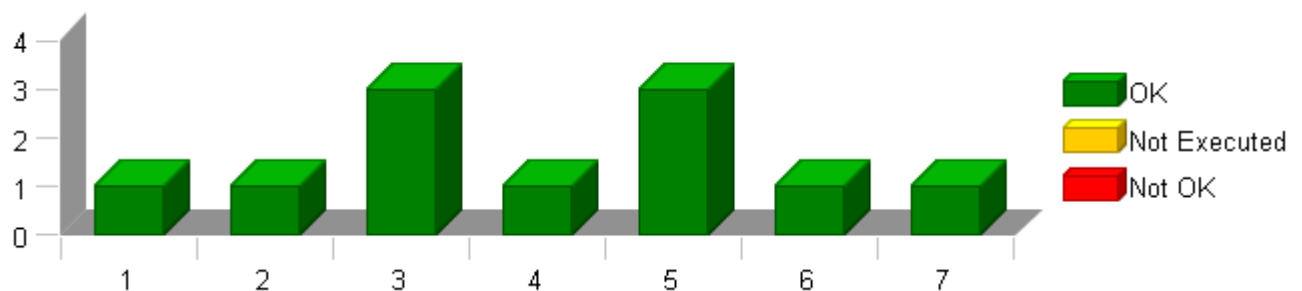
## Selected Project Items

Test Object "CBD\_UnitTest/CDDInterface/CDDInterface\_Init1"  
 Test Object "CBD\_UnitTest/CDDInterface/CDDInterface\_Init2"  
 Test Object "CBD\_UnitTest/CDDInterface/CDDInterface\_Per1"  
 Test Object "CBD\_UnitTest/CDDInterface/CDDInterface\_Per2"  
 Test Object "CBD\_UnitTest/CDDInterface/CDDInterface\_Per4"  
 Test Object "CBD\_UnitTest/CDDInterface/CDDInterface\_Per5"  
 Test Object "CBD\_UnitTest/CDDInterface/CDDPorts\_ApplyMtrElecMechPol"

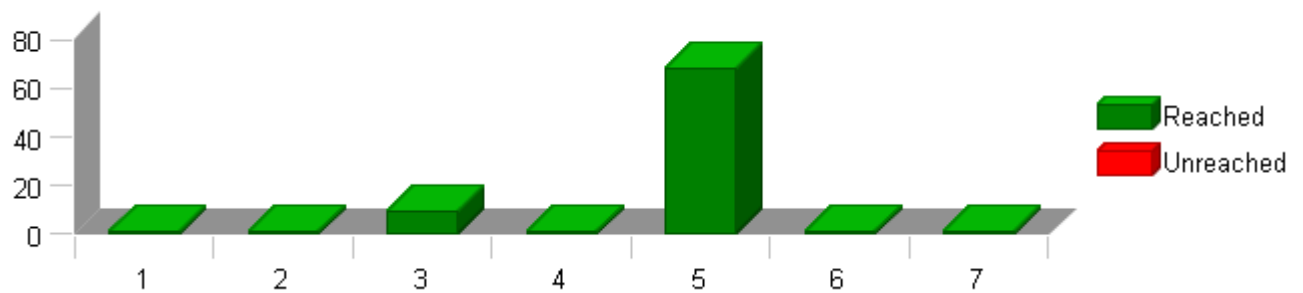
## Used Test Environments

TI TMS 570 PLS UDE (Default)

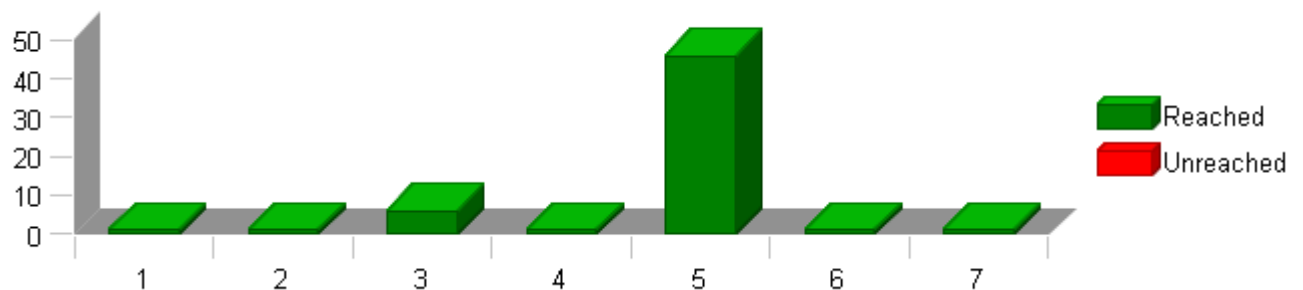
## Test Case Results for Each Test Object (without Coverage)



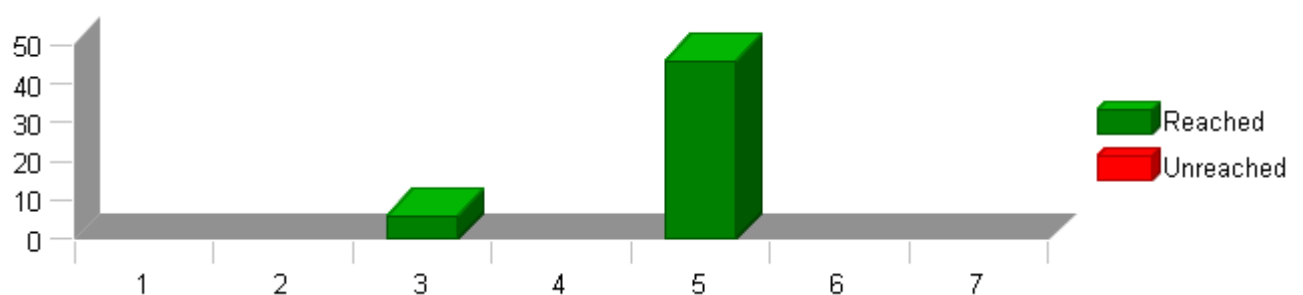
The table above shows each test object on the x axis and the number of test cases of the respective test object on the y axis. Each bar is divided into passed, not executed and failed test cases. The test case results do not take into account any coverage result (i.e. if all test cases of a test object 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**

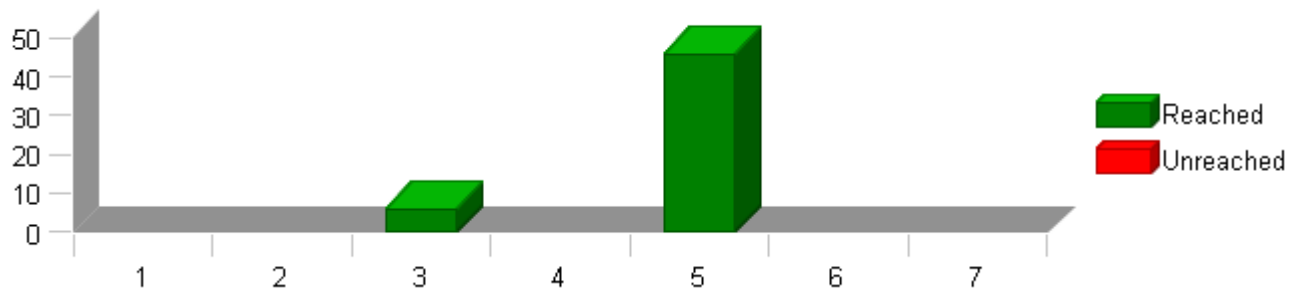
The table above shows each test object on the x axis and the number of branches of the respective test object on the y axis. Each bar is divided into reached branches (i.e. branches that have been executed during the test) and unreached branches.

**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.

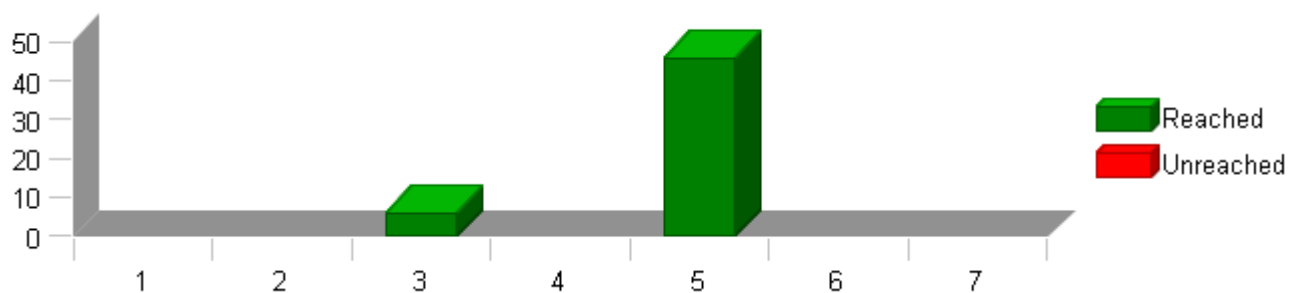
## MC/DC Coverage: Total Condition Combinations for Each Test Object



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

2016-06-03, 15:08:31+0530

Project CDDInterface\_FIASA



### Test Object List

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_FIASA	100 %	100 %	100 %	100 %	100 %	11 of 11 passed	✓
	CBD_UnitTest	100 %	100 %	100 %	100 %	100 %	11 of 11 passed	✓
	CDDInterface	100 %	100 %	100 %	100 %	100 %	11 of 11 passed	✓
1	<a href="#">CDDInterface_Init1</a>	100 %	100 %	-	-	-	1 of 1 passed	✓
2	<a href="#">CDDInterface_Init2</a>	100 %	100 %	-	-	-	1 of 1 passed	✓
3	<a href="#">CDDInterface_Per1</a>	100 %	100 %	100 %	100 %	100 %	3 of 3 passed	✓
4	<a href="#">CDDInterface_Per2</a>	100 %	100 %	-	-	-	1 of 1 passed	✓
5	<a href="#">CDDInterface_Per4</a>	100 %	100 %	100 %	100 %	100 %	3 of 3 passed	✓
6	<a href="#">CDDInterface_Per5</a>	100 %	100 %	-	-	-	1 of 1 passed	✓
7	<a href="#">CDDPorts_ApplyMtrElecMechPol</a>	100 %	100 %	-	-	-	1 of 1 passed	✓

# TEST DETAILS REPORT

2016-06-03, 14:56:00+0530

CDDInterface\_Init1



Project	CDDInterface_FIASA
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_FIASA
Configuration File	D:\Synergy_Work_Area\CDDInterface_FIASA\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	\$(SOURCEROOT)\Sa_CDDInterface.c
Compiler Options	-D_DATA_ACCESS= -Dconst= -I\$(PROJECTROOT)\CDDInterface\utp\contract -I\$(PROJECTROOT)\NxrLib\include -I\$(PROJECTROOT)\StdDef\include -I\$(Compiler Install Path)\include

## Comments/Description/Specification

Name	Text
Module 'CDDInterface'	*****Unit Test Information *****  Name of Tester: Priyanka Shitole Code File(s) Under Test: Sa_CDDInterface.c Code File(s) Version: 4 Module Design Document: NA Module Design Document Version: NA Data Dictionary Version: 1 Unit Test Plan Version: 1 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 1.32 Total FLASH Used (Bytes): 1714 Total RAM Used (Bytes): 0 Total CALS Used (Bytes): 0 Special Test Requirements: Test Date: 6/3/2016 Comments: "Note1: Inline Function defined in GlobalMacro.h is not unit tested. Note2: ""CBD_Sandbox_dbg.map"" map file is embedded for reference." *****

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	\$(PROJECTROOT)\UnitTestEnv\static_build_files\sys_link.cmd
Makefile Template	\$(PROJECTROOT)\UnitTestEnv\config\Nexteer_ts_make_ude_ti_tms570_ps.tpl
Target Install Path	\$(ProgramFiles)\pls\UDE 4.4
Time Unit	cycles
Timer Enabled	false
Timer Prescale	0
Timer Resolution	1
UDE Config File	\$(PROJECTROOT)\UnitTestEnv\config\TMS570_UDE_12PIN_JTAG.cfg

# TEST DETAILS REPORT

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CDDInterface\_Init1



Workspace File

D:\Synergy\_Work\_Area\CDDInterface\_FIASA\UnitTestEnv\config\UDE\_TMS570\_DEBUG.WSP

# TEST DETAILS REPORT

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CDDInterface\_Init1



## Test Case 1: Boundary Test

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

TS1.1 576.00 Cycles  
TS1.2 558.00 Cycles  
TS1.3 558.00 Cycles  
TS1.4 558.00 Cycles  
TS1.5 558.00 Cycles  
TS1.6 558.00 Cycles  
TS1.7 558.00 Cycles  
TS1.8 558.00 Cycles  
TS1.9 558.00 Cycles  
TS1.10 558.00 Cycles  
TS1.11 558.00 Cycles  
TS1.12 558.00 Cycles  
TS1.13 558.00 Cycles  
TS1.14 558.00 Cycles  
TS1.15 558.00 Cycles  
TS1.16 558.00 Cycles  
TS1.17 558.00 Cycles  
TS1.18 558.00 Cycles  
TS1.19 558.00 Cycles  
TS1.20 558.00 Cycles  
TS1.21 558.00 Cycles

**Description** Vector Description:

TS1.1All min  
TS1.2All max  
TS1.3MtrElecMechPolarity\_Cnt\_s08==>Min  
TS1.4MtrElecMechPolarity\_Cnt\_s08==>Max  
TS1.5MtrPosPolarity\_Cnt\_s08==>Min  
TS1.6MtrPosPolarity\_Cnt\_s08==>Max  
TS1.7Nvm\_IgnCntr\_Cnt\_u16==>Min  
TS1.8Nvm\_IgnCntr\_Cnt\_u16==>Max  
TS1.9Nvm\_IgnCntr\_Cnt\_u16==>Pos  
TS1.10NxrMEC\_Uls\_G\_enum==>ProductionMode  
TS1.11NxrMEC\_Uls\_G\_enum==>ManufacturingMode  
TS1.12NxrMEC\_Uls\_G\_enum==>EngineeringMode  
TS1.13HET\_P1ACC\_1.memory.data\_word==>Min  
TS1.14HET\_P1ACC\_1.memory.data\_word==>Max  
TS1.15HET\_P1ACC\_1.memory.data\_word==>Pos  
TS1.16HET\_P2ACC\_1.memory.data\_word==>Min  
TS1.17HET\_P2ACC\_1.memory.data\_word==>Max  
TS1.18HET\_P2ACC\_1.memory.data\_word==>Pos  
TS1.19HET\_P3ACC\_1.memory.data\_word==>Min  
TS1.20HET\_P3ACC\_1.memory.data\_word==>Max  
TS1.21HET\_P3ACC\_1.memory.data\_word==>Pos

## Test Step 1.1 (Repeat Count = 1)

Name	Input Value
Nvm_IgnCntr_Cnt_u16	0
NxrMEC_Uls_G_enum	0
Rte_Task_Init_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Init1.Rte_MtrElecM	-1
Rte_Task_Init_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Init1.Rte_MtrPosP	-1
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

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_MtrPosPolarity_Cnt_G_s08[0]	-1	-1	✓
CDD_MtrPosPolarity_Cnt_G_s08[1]	-1	-1	✓
CDD_Vecu_Volt_G_f32[0]	5	5	✓
CDD_Vecu_Volt_G_f32[1]	5	5	✓
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	✓
Rte_Task_Init_10.Rte_TB.Rte_I_CDDInterface_MEC_Cnt_enum.value	0	0	✓
Rte_Task_Init_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Init1.Rte_IgnCnt_C	0	0	✓

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
CDDPorts_ApplyMtrElecMechPol	1	CDDPorts_ApplyMtrElecMechPol	1	✓
CDD_ApplyPWMmtrElecMechPol	1	CDD_ApplyPWMmtrElecMechPol	1	✓

# TEST DETAILS REPORT

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CDDInterface\_Init1

## Test Step 1.2 (Repeat Count = 1)

Name	Input Value		
Nvm_IgnCntr_Cnt_u16	65535		
NxtrMEC_Uls_G_enum	2		
Rte_Task_Init_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Init1.Rte_MtrElecM	1		
Rte_Task_Init_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Init1.Rte_MtrPosP	1		
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	4294967295		
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	4294967295		
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	4294967295		
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_MtrPosPolarity_Cnt_G_s08[0]	1	1	✓
CDD_MtrPosPolarity_Cnt_G_s08[1]	1	1	✓
CDD_Vecu_Volt_G_f32[0]	5	5	✓
CDD_Vecu_Volt_G_f32[1]	5	5	✓
PXAccumPrev_Cnt_M_u32[0]	536870911	536870911	✓
PXAccumPrev_Cnt_M_u32[1]	536870911	536870911	✓
PXAccumPrev_Cnt_M_u32[2]	536870911	536870911	✓
PrevMtrElecMechPolarity_Cnt_M_s08	1	1	✓
Rte_Task_Init_10.Rte_TB.Rte_I_CDDInterface_MEC_Cnt_enum.value	2	2	✓
Rte_Task_Init_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Init1.Rte_IgnCnt_C	65535	65535	✓

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
CDDPorts_ApplyMtrElecMechPol	1	CDDPorts_ApplyMtrElecMechPol	1	✓
CDD_ApplyPWMMtrElecMechPol	1	CDD_ApplyPWMMtrElecMechPol	1	✓

## Test Step 1.3 (Repeat Count = 1)

Name	Input Value		
Nvm_IgnCntr_Cnt_u16	15968		
NxtrMEC_Uls_G_enum	1		
Rte_Task_Init_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Init1.Rte_MtrElecM	-1		
Rte_Task_Init_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Init1.Rte_MtrPosP	1		
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	4023279872		
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	3318966016		
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	4084006144		
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_MtrPosPolarity_Cnt_G_s08[0]	1	1	✓
CDD_MtrPosPolarity_Cnt_G_s08[1]	1	1	✓
CDD_Vecu_Volt_G_f32[0]	5	5	✓
CDD_Vecu_Volt_G_f32[1]	5	5	✓
PXAccumPrev_Cnt_M_u32[0]	502909984	502909984	✓
PXAccumPrev_Cnt_M_u32[1]	414870752	414870752	✓
PXAccumPrev_Cnt_M_u32[2]	510500768	510500768	✓
PrevMtrElecMechPolarity_Cnt_M_s08	-1	-1	✓
Rte_Task_Init_10.Rte_TB.Rte_I_CDDInterface_MEC_Cnt_enum.value	1	1	✓
Rte_Task_Init_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Init1.Rte_IgnCnt_C	15968	15968	✓

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
CDDPorts_ApplyMtrElecMechPol	1	CDDPorts_ApplyMtrElecMechPol	1	✓
CDD_ApplyPWMMtrElecMechPol	1	CDD_ApplyPWMMtrElecMechPol	1	✓

## Test Step 1.4 (Repeat Count = 1)

Name	Input Value
Nvm_IgnCntr_Cnt_u16	31442
NxtrMEC_Uls_G_enum	0
Rte_Task_Init_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Init1.Rte_MtrElecM	1
Rte_Task_Init_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Init1.Rte_MtrPosP	1
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	2734137344
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	1686146560



# TEST DETAILS REPORT

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CDDInterface\_Init1

Name	Input Value		
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	3851144192		
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_MtrPosPolarity_Cnt_G_s08[0]	1	1	✓
CDD_MtrPosPolarity_Cnt_G_s08[1]	1	1	✓
CDD_Vecu_Volt_G_f32[0]	5	5	✓
CDD_Vecu_Volt_G_f32[1]	5	5	✓
PXAccumPrev_Cnt_M_u32[0]	341767168	341767168	✓
PXAccumPrev_Cnt_M_u32[1]	210768320	210768320	✓
PXAccumPrev_Cnt_M_u32[2]	481393024	481393024	✓
PrevMtrElecMechPolarity_Cnt_M_s08	1	1	✓
Rte_Task_Init_10.Rte_TB.Rte_I_CDDInterface_MEC_Cnt_enum.value	0	0	✓
Rte_Task_Init_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Init1.Rte_IgnCnt_C	31442	31442	✓

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

Test Step 1.5 (Repeat Count = 1)				✓
Name		Input Value		
Nvm_IgnCntr_Cnt_u16		22027		
NxtrMEC_Uls_G_enum		2		
Rte_Task_Init_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Init1.Rte_MtrElec		1		
Rte_Task_Init_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Init1.Rte_MtrPosP		-1		
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word		125461504		
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word		2418913792		
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word		2585546752		
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_MtrPosPolarity_Cnt_G_s08[0]		-1	-1	✓
CDD_MtrPosPolarity_Cnt_G_s08[1]		-1	-1	✓
CDD_Vecu_Volt_G_f32[0]		5	5	✓
CDD_Vecu_Volt_G_f32[1]		5	5	✓
PXAccumPrev_Cnt_M_u32[0]		15682688	15682688	✓
PXAccumPrev_Cnt_M_u32[1]		302364224	302364224	✓
PXAccumPrev_Cnt_M_u32[2]		323193344	323193344	✓
PrevMtrElecMechPolarity_Cnt_M_s08		1	1	✓
Rte_Task_Init_10.Rte_TB.Rte_I_CDDInterface_MEC_Cnt_enum.value		2	2	✓
Rte_Task_Init_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Init1.Rte_IgnCnt_C		22027	22027	✓

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

Test Step 1.6 (Repeat Count = 1)				
Name		Input Value		
Nvm_IgnCntr_Cnt_u16		46683		
NxtrMEC_Uls_G_enum		1		
Rte_Task_Init_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Init1.Rte_MtrElec		1		
Rte_Task_Init_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Init1.Rte_MtrPosP		1		
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word		62887680		
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word		543010048		
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word		2324288256		
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_MtrPosPolarity_Cnt_G_s08[0]		1	1	✓
CDD_MtrPosPolarity_Cnt_G_s08[1]		1	1	✓
CDD_Vecu_Volt_G_f32[0]		5	5	✓

# TEST DETAILS REPORT

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CDDInterface\_Init1

Name	Actual Value	Expected Value	Result
CDD_Vecu_Volt_G_f32[1]	5	5	✓
PXAccumPrev_Cnt_M_u32[0]	7860960	7860960	✓
PXAccumPrev_Cnt_M_u32[1]	67876256	67876256	✓
PXAccumPrev_Cnt_M_u32[2]	290536032	290536032	✓
PrevMtrElecMechPolarity_Cnt_M_s08	1	1	✓
Rte_Task_Init_10.Rte_TB.Rte_I_CDDInterface_MEC_Cnt_enum.value	1	1	✓
Rte_Task_Init_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Init1.Rte_IgnCnt_C	46683	46683	✓

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
CDDPorts_ApplyMtrElecMechPol	1	CDDPorts_ApplyMtrElecMechPol	1	✓
CDD_ApplyPWMmtrElecMechPol	1	CDD_ApplyPWMmtrElecMechPol	1	✓

## Test Step 1.7 (Repeat Count = 1)

Name	Input Value		
Nvm_IgnCntr_Cnt_u16	0		
NxtrMEC_Uls_G_enum	2		
Rte_Task_Init_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Init1.Rte_MtrElecM	-1		
Rte_Task_Init_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Init1.Rte_MtrPosP	-1		
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	1693420288		
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	1943306496		
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	3786180352		
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_MtrPosPolarity_Cnt_G_s08[0]	-1	-1	✓
CDD_MtrPosPolarity_Cnt_G_s08[1]	-1	-1	✓
CDD_Vecu_Volt_G_f32[0]	5	5	✓
CDD_Vecu_Volt_G_f32[1]	5	5	✓
PXAccumPrev_Cnt_M_u32[0]	211677536	211677536	✓
PXAccumPrev_Cnt_M_u32[1]	242913312	242913312	✓
PXAccumPrev_Cnt_M_u32[2]	473272544	473272544	✓
PrevMtrElecMechPolarity_Cnt_M_s08	-1	-1	✓
Rte_Task_Init_10.Rte_TB.Rte_I_CDDInterface_MEC_Cnt_enum.value	2	2	✓
Rte_Task_Init_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Init1.Rte_IgnCnt_C	0	0	✓

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
CDDPorts_ApplyMtrElecMechPol	1	CDDPorts_ApplyMtrElecMechPol	1	✓
CDD_ApplyPWMmtrElecMechPol	1	CDD_ApplyPWMmtrElecMechPol	1	✓

## Test Step 1.8 (Repeat Count = 1)

Name	Input Value		
Nvm_IgnCntr_Cnt_u16	65535		
NxtrMEC_Uls_G_enum	0		
Rte_Task_Init_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Init1.Rte_MtrElecM	1		
Rte_Task_Init_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Init1.Rte_MtrPosP	1		
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	2495357440		
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	1466253312		
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	1567960576		
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_MtrPosPolarity_Cnt_G_s08[0]	1	1	✓
CDD_MtrPosPolarity_Cnt_G_s08[1]	1	1	✓
CDD_Vecu_Volt_G_f32[0]	5	5	✓
CDD_Vecu_Volt_G_f32[1]	5	5	✓
PXAccumPrev_Cnt_M_u32[0]	311919680	311919680	✓
PXAccumPrev_Cnt_M_u32[1]	183281664	183281664	✓
PXAccumPrev_Cnt_M_u32[2]	195995072	195995072	✓
PrevMtrElecMechPolarity_Cnt_M_s08	1	1	✓
Rte_Task_Init_10.Rte_TB.Rte_I_CDDInterface_MEC_Cnt_enum.value	0	0	✓
Rte_Task_Init_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Init1.Rte_IgnCnt_C	65535	65535	✓

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## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
CDDPorts_ApplyMtrElecMechPol	1	CDDPorts_ApplyMtrElecMechPol	1	✓
CDD_ApplyPWMmtrElecMechPol	1	CDD_ApplyPWMmtrElecMechPol	1	✓

## Test Step 1.9 (Repeat Count = 1)

Name	Input Value		
Nvm_IgnCntr_Cnt_u16	60140		
NxtrMEC_Uls_G_enum	0		
Rte_Task_Init_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Init1.Rte_MtrElecM	-1		
Rte_Task_Init_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Init1.Rte_MtrPosP	-1		
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	2557631744		
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	3798926080		
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	1098332416		
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_MtrPosPolarity_Cnt_G_s08[0]	-1	-1	✓
CDD_MtrPosPolarity_Cnt_G_s08[1]	-1	-1	✓
CDD_Vecu_Volt_G_f32[0]	5	5	✓
CDD_Vecu_Volt_G_f32[1]	5	5	✓
PXAccumPrev_Cnt_M_u32[0]	319703968	319703968	✓
PXAccumPrev_Cnt_M_u32[1]	474865760	474865760	✓
PXAccumPrev_Cnt_M_u32[2]	137291552	137291552	✓
PrevMtrElecMechPolarity_Cnt_M_s08	-1	-1	✓
Rte_Task_Init_10.Rte_TB.Rte_I_CDDInterface_MEC_Cnt_enum.value	0	0	✓
Rte_Task_Init_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Init1.Rte_IgnCnt_C	60140	60140	✓

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
CDDPorts_ApplyMtrElecMechPol	1	CDDPorts_ApplyMtrElecMechPol	1	✓
CDD_ApplyPWMmtrElecMechPol	1	CDD_ApplyPWMmtrElecMechPol	1	✓

## Test Step 1.10 (Repeat Count = 1)

Name	Input Value		
Nvm_IgnCntr_Cnt_u16	13077		
NxtrMEC_Uls_G_enum	0		
Rte_Task_Init_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Init1.Rte_MtrElecM	-1		
Rte_Task_Init_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Init1.Rte_MtrPosP	-1		
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	1140567040		
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	2417867264		
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	4284291072		
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_MtrPosPolarity_Cnt_G_s08[0]	-1	-1	✔
CDD_MtrPosPolarity_Cnt_G_s08[1]	-1	-1	✔
CDD_Vecu_Volt_G_f32[0]	5	5	✔
CDD_Vecu_Volt_G_f32[1]	5	5	✔
PXAccumPrev_Cnt_M_u32[0]	142570880	142570880	✔
PXAccumPrev_Cnt_M_u32[1]	302233408	302233408	✔
PXAccumPrev_Cnt_M_u32[2]	535536384	535536384	✔
PrevMtrElecMechPolarity_Cnt_M_s08	-1	-1	✔
Rte_Task_Init_10.Rte_TB.Rte_I_CDDInterface_MEC_Cnt_enum.value	0	0	✔
Rte_Task_Init_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Init1.Rte_IgnCnt C	13077	13077	✔

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
CDDPorts_ApplyMtrElecMechPol	1	CDDPorts_ApplyMtrElecMechPol	1	✓
CDD_ApplyPWMmtrElecMechPol	1	CDD_ApplyPWMmtrElecMechPol	1	✓

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## Test Step 1.11 (Repeat Count = 1)

Name	Input Value		
Nvm_IgnCntr_Cnt_u16	24670		
NxtrMEC_Uls_G_enum	1		
Rte_Task_Init_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Init1.Rte_MtrElec	1		
Rte_Task_Init_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Init1.Rte_MtrPosP	1		
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	3445341952		
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	3400373504		
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	937917184		
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_MtrPosPolarity_Cnt_G_s08[0]	1	1	✓
CDD_MtrPosPolarity_Cnt_G_s08[1]	1	1	✓
CDD_Vecu_Volt_G_f32[0]	5	5	✓
CDD_Vecu_Volt_G_f32[1]	5	5	✓
PXAccumPrev_Cnt_M_u32[0]	430667744	430667744	✓
PXAccumPrev_Cnt_M_u32[1]	425046688	425046688	✓
PXAccumPrev_Cnt_M_u32[2]	117239648	117239648	✓
PrevMtrElecMechPolarity_Cnt_M_s08	1	1	✓
Rte_Task_Init_10.Rte_TB.Rte_I_CDDInterface_MEC_Cnt_enum.value	1	1	✓
Rte_Task_Init_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Init1.Rte_IgnCnt_C	24670	24670	✓

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
CDDPorts_ApplyMtrElecMechPol	1	CDDPorts_ApplyMtrElecMechPol	1	✓
CDD_ApplyPWMMtrElecMechPol	1	CDD_ApplyPWMMtrElecMechPol	1	✓

## Test Step 1.12 (Repeat Count = 1)

Name	Input Value		
Nvm_IgnCntr_Cnt_u16	58191		
NxtrMEC_Uls_G_enum	2		
Rte_Task_Init_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Init1.Rte_MtrElecM	-1		
Rte_Task_Init_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Init1.Rte_MtrPosP	1		
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	2101839360		
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	3223979008		
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	664031744		
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_MtrPosPolarity_Cnt_G_s08[0]	1	1	✓
CDD_MtrPosPolarity_Cnt_G_s08[1]	1	1	✓
CDD_Vecu_Volt_G_f32[0]	5	5	✓
CDD_Vecu_Volt_G_f32[1]	5	5	✓
PXAccumPrev_Cnt_M_u32[0]	262729920	262729920	✓
PXAccumPrev_Cnt_M_u32[1]	402997376	402997376	✓
PXAccumPrev_Cnt_M_u32[2]	83003968	83003968	✓
PrevMtrElecMechPolarity_Cnt_M_s08	-1	-1	✓
Rte_Task_Init_10.Rte_TB.Rte_I_CDDInterface_MEC_Cnt_enum.value	2	2	✓
Rte_Task_Init_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Init1.Rte_IgnCnt_C	58191	58191	✓

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
CDDPorts_ApplyMtrElecMechPol	1	CDDPorts_ApplyMtrElecMechPol	1	✓
CDD_ApplyPWMMtrElecMechPol	1	CDD_ApplyPWMMtrElecMechPol	1	✓

## Test Step 1.13 (Repeat Count = 1)

Name	Input Value
Nvm_IgnCntr_Cnt_u16	27158
NxtrMEC_Uls_G_enum	1
Rte_Task_Init_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Init1.Rte_MtrElecM	-1
Rte_Task_Init_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Init1.Rte_MtrPosP	1
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	0
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	2687547136

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Name	Input Value		
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	3165244672		
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_MtrPosPolarity_Cnt_G_s08[0]	1	1	✓
CDD_MtrPosPolarity_Cnt_G_s08[1]	1	1	✓
CDD_Vecu_Volt_G_f32[0]	5	5	✓
CDD_Vecu_Volt_G_f32[1]	5	5	✓
PXAccumPrev_Cnt_M_u32[0]	0	0	✓
PXAccumPrev_Cnt_M_u32[1]	335943392	335943392	✓
PXAccumPrev_Cnt_M_u32[2]	395655584	395655584	✓
PrevMtrElecMechPolarity_Cnt_M_s08	-1	-1	✓
Rte_Task_Init_10.Rte_TB.Rte_I_CDDInterface_MEC_Cnt_enum.value	1	1	✓
Rte_Task_Init_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Init1.Rte_IgnCnt_C	27158	27158	✓

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

Test Step 1.14 (Repeat Count = 1)				✓
Name		Input Value		
Nvm_IgnCntr_Cnt_u16		5870		
NxtrMEC_Uls_G_enum		2		
Rte_Task_Init_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Init1.Rte_MtrElec		1		
Rte_Task_Init_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Init1.Rte_MtrPosP		-1		
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word		4294967295		
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word		2930286080		
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word		1091918848		
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_MtrPosPolarity_Cnt_G_s08[0]		-1	-1	✓
CDD_MtrPosPolarity_Cnt_G_s08[1]		-1	-1	✓
CDD_Vecu_Volt_G_f32[0]		5	5	✓
CDD_Vecu_Volt_G_f32[1]		5	5	✓
PXAccumPrev_Cnt_M_u32[0]		536870911	536870911	✓
PXAccumPrev_Cnt_M_u32[1]		366285760	366285760	✓
PXAccumPrev_Cnt_M_u32[2]		136489856	136489856	✓
PrevMtrElecMechPolarity_Cnt_M_s08		1	1	✓
Rte_Task_Init_10.Rte_TB.Rte_I_CDDInterface_MEC_Cnt_enum.value		2	2	✓
Rte_Task_Init_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Init1.Rte_IgnCnt_C		5870	5870	✓

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

Test Step 1.15 (Repeat Count = 1)				✓
Name		Input Value		
Nvm_IgnCntr_Cnt_u16		64739		
NxtrMEC_Uls_G_enum		1		
Rte_Task_Init_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Init1.Rte_MtrElec		1		
Rte_Task_Init_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Init1.Rte_MtrPosP		-1		
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word		2167769344		
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word		2812078336		
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word		2563682048		
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_MtrPosPolarity_Cnt_G_s08[0]		-1	-1	✓
CDD_MtrPosPolarity_Cnt_G_s08[1]		-1	-1	✓
CDD_Vecu_Volt_G_f32[0]		5	5	✓

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Name	Actual Value	Expected Value	Result
CDD_Vecu_Volt_G_f32[1]	5	5	✓
PXAccumPrev_Cnt_M_u32[0]	270971168	270971168	✓
PXAccumPrev_Cnt_M_u32[1]	351509792	351509792	✓
PXAccumPrev_Cnt_M_u32[2]	320460256	320460256	✓
PrevMtrElecMechPolarity_Cnt_M_s08	1	1	✓
Rte_Task_Init_10.Rte_TB.Rte_I_CDDInterface_MEC_Cnt_enum.value	1	1	✓
Rte_Task_Init_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Init1.Rte_IgnCnt_C	64739	64739	✓

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
CDDPorts_ApplyMtrElecMechPol	1	CDDPorts_ApplyMtrElecMechPol	1	✓
CDD_ApplyPWMmtrElecMechPol	1	CDD_ApplyPWMmtrElecMechPol	1	✓

## Test Step 1.16 (Repeat Count = 1)

Name	Input Value		
Nvm_IgnCntr_Cnt_u16	30094		
NxtrMEC_Uls_G_enum	2		
Rte_Task_Init_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Init1.Rte_MtrElecM	-1		
Rte_Task_Init_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Init1.Rte_MtrPosP	-1		
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	1554131456		
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	0		
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	3534665216		
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_MtrPosPolarity_Cnt_G_s08[0]	-1	-1	✓
CDD_MtrPosPolarity_Cnt_G_s08[1]	-1	-1	✓
CDD_Vecu_Volt_G_f32[0]	5	5	✓
CDD_Vecu_Volt_G_f32[1]	5	5	✓
PXAccumPrev_Cnt_M_u32[0]	194266432	194266432	✓
PXAccumPrev_Cnt_M_u32[1]	0	0	✓
PXAccumPrev_Cnt_M_u32[2]	441833152	441833152	✓
PrevMtrElecMechPolarity_Cnt_M_s08	-1	-1	✓
Rte_Task_Init_10.Rte_TB.Rte_I_CDDInterface_MEC_Cnt_enum.value	2	2	✓
Rte_Task_Init_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Init1.Rte_IgnCnt_C	30094	30094	✓

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
CDDPorts_ApplyMtrElecMechPol	1	CDDPorts_ApplyMtrElecMechPol	1	✓
CDD_ApplyPWMmtrElecMechPol	1	CDD_ApplyPWMmtrElecMechPol	1	✓

## Test Step 1.17 (Repeat Count = 1)

Name	Input Value		
Nvm_IgnCntr_Cnt_u16	48106		
NxtrMEC_Uls_G_enum	1		
Rte_Task_Init_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Init1.Rte_MtrElecM	-1		
Rte_Task_Init_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Init1.Rte_MtrPosP	-1		
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	1121993984		
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	4294967295		
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	2448072960		
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_MtrPosPolarity_Cnt_G_s08[0]	-1	-1	✓
CDD_MtrPosPolarity_Cnt_G_s08[1]	-1	-1	✓
CDD_Vecu_Volt_G_f32[0]	5	5	✓
CDD_Vecu_Volt_G_f32[1]	5	5	✓
PXAccumPrev_Cnt_M_u32[0]	140249248	140249248	✓
PXAccumPrev_Cnt_M_u32[1]	536870911	536870911	✓
PXAccumPrev_Cnt_M_u32[2]	306009120	306009120	✓
PrevMtrElecMechPolarity_Cnt_M_s08	-1	-1	✓
Rte_Task_Init_10.Rte_TB.Rte_I_CDDInterface_MEC_Cnt_enum.value	1	1	✓
Rte_Task_Init_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Init1.Rte_IgnCnt_C	48106	48106	✓

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CDDInterface\_Init1

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
CDDPorts_ApplyMtrElecMechPol	1	CDDPorts_ApplyMtrElecMechPol	1	✓
CDD_ApplyPWMMtrElecMechPol	1	CDD_ApplyPWMMtrElecMechPol	1	✓

## Test Step 1.18 (Repeat Count = 1)

Name	Input Value		
Nvm_IgnCntr_Cnt_u16	18372		
NxtrMEC_Uls_G_enum	2		
Rte_Task_Init_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Init1.Rte_MtrElecM	-1		
Rte_Task_Init_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Init1.Rte_MtrPosP	-1		
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	3193041920		
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	3714197504		
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	2107826176		
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_MtrPosPolarity_Cnt_G_s08[0]	-1	-1	✓
CDD_MtrPosPolarity_Cnt_G_s08[1]	-1	-1	✓
CDD_Vecu_Volt_G_f32[0]	5	5	✓
CDD_Vecu_Volt_G_f32[1]	5	5	✓
PXAccumPrev_Cnt_M_u32[0]	399130240	399130240	✓
PXAccumPrev_Cnt_M_u32[1]	464274688	464274688	✓
PXAccumPrev_Cnt_M_u32[2]	263478272	263478272	✓
PrevMtrElecMechPolarity_Cnt_M_s08	-1	-1	✓
Rte_Task_Init_10.Rte_TB.Rte_I_CDDInterface_MEC_Cnt_enum.value	2	2	✓
Rte_Task_Init_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Init1.Rte_IgnCnt_C	18372	18372	✓

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
CDDPorts_ApplyMtrElecMechPol	1	CDDPorts_ApplyMtrElecMechPol	1	✓
CDD_ApplyPWMMtrElecMechPol	1	CDD_ApplyPWMMtrElecMechPol	1	✓

## Test Step 1.19 (Repeat Count = 1)

Name	Input Value		
Nvm_IgnCntr_Cnt_u16	14193		
NxtrMEC_Uls_G_enum	0		
Rte_Task_Init_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Init1.Rte_MtrElecM	1		
Rte_Task_Init_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Init1.Rte_MtrPosP	1		
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	1903748864		
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	2778103040		
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	0		
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_MtrPosPolarity_Cnt_G_s08[0]	1	1	✔
CDD_MtrPosPolarity_Cnt_G_s08[1]	1	1	✔
CDD_Vecu_Volt_G_f32[0]	5	5	✔
CDD_Vecu_Volt_G_f32[1]	5	5	✔
PXAccumPrev_Cnt_M_u32[0]	237968608	237968608	✔
PXAccumPrev_Cnt_M_u32[1]	347262880	347262880	✔
PXAccumPrev_Cnt_M_u32[2]	0	0	✔
PrevMtrElecMechPolarity_Cnt_M_s08	1	1	✔
Rte_Task_Init_10.Rte_TB.Rte_I_CDDInterface_MEC_Cnt_enum.value	0	0	✔
Rte_Task_Init_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Init1.Rte_IgnCntr_C	14193	14193	✔

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
CDDPorts_ApplyMtrElecMechPol	1	CDDPorts_ApplyMtrElecMechPol	1	✓
CDD_ApplyPWMMtrElecMechPol	1	CDD_ApplyPWMMtrElecMechPol	1	✓

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## Test Step 1.20 (Repeat Count = 1)

Name	Input Value		
Nvm_IgnCntr_Cnt_u16	40629		
NxtrMEC_Uls_G_enum	0		
Rte_Task_Init_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Init1.Rte_MtrElec	1		
Rte_Task_Init_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Init1.Rte_MtrPosP	-1		
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	3616542208		
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	1427065856		
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	4294967295		
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_MtrPosPolarity_Cnt_G_s08[0]	-1	-1	✓
CDD_MtrPosPolarity_Cnt_G_s08[1]	-1	-1	✓
CDD_Vecu_Volt_G_f32[0]	5	5	✓
CDD_Vecu_Volt_G_f32[1]	5	5	✓
PXAccumPrev_Cnt_M_u32[0]	452067776	452067776	✓
PXAccumPrev_Cnt_M_u32[1]	178383232	178383232	✓
PXAccumPrev_Cnt_M_u32[2]	536870911	536870911	✓
PrevMtrElecMechPolarity_Cnt_M_s08	1	1	✓
Rte_Task_Init_10.Rte_TB.Rte_I_CDDInterface_MEC_Cnt_enum.value	0	0	✓
Rte_Task_Init_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Init1.Rte_IgnCnt_C	40629	40629	✓

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
CDDPorts_ApplyMtrElecMechPol	1	CDDPorts_ApplyMtrElecMechPol	1	✓
CDD_ApplyPWMMtrElecMechPol	1	CDD_ApplyPWMMtrElecMechPol	1	✓

## Test Step 1.21 (Repeat Count = 1)

Name	Input Value		
Nvm_IgnCntr_Cnt_u16	62983		
NxtrMEC_Uls_G_enum	0		
Rte_Task_Init_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Init1.Rte_MtrElec	1		
Rte_Task_Init_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Init1.Rte_MtrPosP	-1		
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	1453758720		
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	4037074688		
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	3323480832		
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_MtrPosPolarity_Cnt_G_s08[0]	-1	-1	✓
CDD_MtrPosPolarity_Cnt_G_s08[1]	-1	-1	✓
CDD_Vecu_Volt_G_f32[0]	5	5	✓
CDD_Vecu_Volt_G_f32[1]	5	5	✓
PXAccumPrev_Cnt_M_u32[0]	181719840	181719840	✓
PXAccumPrev_Cnt_M_u32[1]	504634336	504634336	✓
PXAccumPrev_Cnt_M_u32[2]	415435104	415435104	✓
PrevMtrElecMechPolarity_Cnt_M_s08	1	1	✓
Rte_Task_Init_10.Rte_TB.Rte_I_CDDInterface_MEC_Cnt_enum.value	0	0	✓
Rte_Task_Init_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Init1.Rte_IgnCnt_C	62983	62983	✓

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
CDDPorts_ApplyMtrElecMechPol	1	CDDPorts_ApplyMtrElecMechPol	1	✓
CDD_ApplyPWMMtrElecMechPol	1	CDD_ApplyPWMMtrElecMechPol	1	✓



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CDDInterface\_Per5



Project	CDDInterface_FIASA
Module	CDDInterface
Test Object	CDDInterface_Per5

## 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_FIASA
Configuration File	D:\Synergy_Work_Area\CDDInterface_FIASA\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	\$(SOURCEROOT)\Sa_CDDInterface.c
Compiler Options	-D_DATA_ACCESS=-Dconst=-I\$(PROJECTROOT)\CDDInterface\utp\contract -I\$(PROJECTROOT)\NxtLib\include -I\$(PROJECTROOT)\StdDef\include -I\$(Compiler Install Path)\include

## Comments/Description/Specification

Name	Text
Module 'CDDInterface'	*****Unit Test Information *****  Name of Tester: Priyanka Shitole Code File(s) Under Test: Sa_CDDInterface.c Code File(s) Version: 4 Module Design Document: NA Module Design Document Version: NA Data Dictionary Version: 1 Unit Test Plan Version: 1 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 1.32 Total FLASH Used (Bytes): 1714 Total RAM Used (Bytes): 0 Total CALS Used (Bytes): 0 Special Test Requirements: Test Date: 6/3/2016 Comments: "Note1: Inline Function defined in GlobalMacro.h is not unit tested." Note2: ""CBD_Sandbox_dbg.map"" map file is embedded for reference." *****

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	\$(PROJECTROOT)\UnitTestEnv\static_build_files\sys_link.cmd
Makefile Template	\$(PROJECTROOT)\UnitTestEnv\config\Nexteer_ts_make_ude_ti_tms570_ps.tpl
Target Install Path	\$(ProgramFiles)\pls\UDE 4.4
Time Unit	cycles
Timer Enabled	false
Timer Prescale	0
Timer Resolution	1
UDE Config File	\$(PROJECTROOT)\UnitTestEnv\config\TMS570_UDE_12PIN_JTAG.cfg

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CDDInterface\_Per5



Workspace File

D:\Synergy\_Work\_Area\CDDInterface\_FIASA\UnitTestEnv\config\UDE\_TMS570\_DEBUG.WSP

## Test Case 1: Boundary Test

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

TS1.1 18.00 Cycles  
TS1.2 18.00 Cycles  
TS1.3 18.00 Cycles  
TS1.4 18.00 Cycles  
TS1.5 18.00 Cycles  
TS1.6 18.00 Cycles  
TS1.7 18.00 Cycles  
TS1.8 18.00 Cycles  
TS1.9 18.00 Cycles  
TS1.10 18.00 Cycles

**Description** Vector Description:

TS 1.1All Min  
TS 1.2All Max  
TS 1.3CDD\_AppDataFbkPthAccessBfr\_Cnt\_G\_u16==>Min  
TS 1.4CDD\_AppDataFbkPthAccessBfr\_Cnt\_G\_u16==>Max  
TS 1.5CDD\_PhaseAdvanceFinal\_Cnt\_G\_u16==>Min  
TS 1.6CDD\_PhaseAdvanceFinal\_Cnt\_G\_u16==>Max  
TS 1.7CDD\_PhaseAdvanceFinal\_Cnt\_G\_u16==>Pos  
TS 1.8CDD\_ModIndexFinal\_Uls\_G\_u16p16==>Min  
TS 1.9CDD\_ModIndexFinal\_Uls\_G\_u16p16==>Max  
TS 1.10CDD\_ModIndexFinal\_Uls\_G\_u16p16==>Pos

## Test Step 1.1 (Repeat Count = 1)

Name	Input Value		
CDD_AppDataFbkPthAccessBfr_Cnt_G_u16	0		
CDD_ModIdxFinal_Uls_G_u16p16[0]	0		
CDD_ModIndexFinal_Uls_G_u16p16	0		
CDD_PhaseAdvFinal_Cnt_G_u16[0]	0		
CDD_PhaseAdvFinal_Cnt_G_u16[1]	0		
CDD_PhaseAdvanceFinal_Cnt_G_u16	0		
Name	Actual Value	Expected Value	Result
CDD_ModIdxFinal_Uls_G_u16p16[0]	0	0	✓
CDD_ModIdxFinal_Uls_G_u16p16[1]	0	0	✓
CDD_PhaseAdvFinal_Cnt_G_u16[0]	0	0	✓
CDD_PhaseAdvFinal_Cnt_G_u16[1]	0	0	✓

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
*none*	0	*** No Call Expected ***	0	✓

## Test Step 1.2 (Repeat Count = 1)

Name	Input Value		
CDD_AppDataFbkPthAccessBfr_Cnt_G_u16	1		
CDD_ModIdxFinal_Uls_G_u16p16[0]	1		
CDD_ModIndexFinal_Uls_G_u16p16	1		
CDD_PhaseAdvFinal_Cnt_G_u16[0]	65535		
CDD_PhaseAdvFinal_Cnt_G_u16[1]	65535		
CDD_PhaseAdvanceFinal_Cnt_G_u16	65535		
Name	Actual Value	Expected Value	Result
CDD_ModIdxFinal_Uls_G_u16p16[0]	1	1	✓
CDD_ModIdxFinal_Uls_G_u16p16[1]	1	1	✓
CDD_PhaseAdvFinal_Cnt_G_u16[0]	65535	65535	✓
CDD_PhaseAdvFinal_Cnt_G_u16[1]	65535	65535	✓

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
*none*	0	*** No Call Expected ***	0	✓

## Test Step 1.3 (Repeat Count = 1)

Name	Input Value		
CDD_AppDataFbkPthAccessBfr_Cnt_G_u16	0		
CDD_ModIdxFinal_Uls_G_u16p16[0]	1		
CDD_ModIndexFinal_Uls_G_u16p16	0		
CDD_PhaseAdvFinal_Cnt_G_u16[0]	29088		
CDD_PhaseAdvFinal_Cnt_G_u16[1]	65535		

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Name	Input Value		
CDD_PhaseAdvanceFinal_Cnt_G_u16	29088		
Name	Actual Value	Expected Value	Result
CDD_ModIdxFinal_Uls_G_u16p16[0]	0	0	✓
CDD_ModIdxFinal_Uls_G_u16p16[1]	1	1	✓
CDD_PhaseAdvFinal_Cnt_G_u16[0]	29088	29088	✓
CDD_PhaseAdvFinal_Cnt_G_u16[1]	65535	65535	✓

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
*none*	0	*** No Call Expected ***	0	✓

## Test Step 1.4 (Repeat Count = 1)

Name	Input Value		
CDD_AppDataFbkPthAccessBfr_Cnt_G_u16	1		
CDD_ModIdxFinal_Uls_G_u16p16[0]	0		
CDD_ModIndexFinal_Uls_G_u16p16	0		
CDD_PhaseAdvFinal_Cnt_G_u16[0]	2988		
CDD_PhaseAdvFinal_Cnt_G_u16[1]	17887		
CDD_PhaseAdvanceFinal_Cnt_G_u16	17887		
Name	Actual Value	Expected Value	Result
CDD_ModIdxFinal_Uls_G_u16p16[0]	0	0	✓
CDD_ModIdxFinal_Uls_G_u16p16[1]	0	0	✓
CDD_PhaseAdvFinal_Cnt_G_u16[0]	2988	2988	✓
CDD_PhaseAdvFinal_Cnt_G_u16[1]	17887	17887	✓

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
*none*	0	*** No Call Expected ***	0	✓

## Test Step 1.5 (Repeat Count = 1)

Name	Input Value		
CDD_AppDataFbkPthAccessBfr_Cnt_G_u16	0		
CDD_ModIdxFinal_Uls_G_u16p16[0]	0		
CDD_ModIndexFinal_Uls_G_u16p16	0		
CDD_PhaseAdvFinal_Cnt_G_u16[0]	0		
CDD_PhaseAdvFinal_Cnt_G_u16[1]	17887		
CDD_PhaseAdvanceFinal_Cnt_G_u16	0		
Name	Actual Value	Expected Value	Result
CDD_ModIdxFinal_Uls_G_u16p16[0]	0	0	✓
CDD_ModIdxFinal_Uls_G_u16p16[1]	0	0	✓
CDD_PhaseAdvFinal_Cnt_G_u16[0]	0	0	✓
CDD_PhaseAdvFinal_Cnt_G_u16[1]	17887	17887	✓

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
*none*	0	*** No Call Expected ***	0	✓

## Test Step 1.6 (Repeat Count = 1)

Name	Input Value		
CDD_AppDataFbkPthAccessBfr_Cnt_G_u16	0		
CDD_ModIdxFinal_Uls_G_u16p16[0]	0		
CDD_ModIndexFinal_Uls_G_u16p16	0		
CDD_PhaseAdvFinal_Cnt_G_u16[0]	65535		
CDD_PhaseAdvFinal_Cnt_G_u16[1]	17887		
CDD_PhaseAdvanceFinal_Cnt_G_u16	65535		
Name	Actual Value	Expected Value	Result
CDD_ModIdxFinal_Uls_G_u16p16[0]	0	0	✓
CDD_ModIdxFinal_Uls_G_u16p16[1]	0	0	✓
CDD_PhaseAdvFinal_Cnt_G_u16[0]	65535	65535	✓
CDD_PhaseAdvFinal_Cnt_G_u16[1]	17887	17887	✓

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## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
*none*	0	*** No Call Expected ***	0	✓

## Test Step 1.7 (Repeat Count = 1)

Name	Input Value		
CDD_AppDataFbkPthAccessBfr_Cnt_G_u16	1		
CDD_ModIdxFinal_Uls_G_u16p16[0]	0		
CDD_ModIndexFinal_Uls_G_u16p16	0		
CDD_PhaseAdvFinal_Cnt_G_u16[0]	21756		
CDD_PhaseAdvFinal_Cnt_G_u16[1]	61148		
CDD_PhaseAdvanceFinal_Cnt_G_u16	61148		
Name	Actual Value	Expected Value	Result
CDD_ModIdxFinal_Uls_G_u16p16[0]	0	0	✔
CDD_ModIdxFinal_Uls_G_u16p16[1]	0	0	✔
CDD_PhaseAdvFinal_Cnt_G_u16[0]	21756	21756	✔
CDD_PhaseAdvFinal_Cnt_G_u16[1]	61148	61148	✔

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
*none*	0	*** No Call Expected ***	0	✓

## Test Step 1.8 (Repeat Count = 1)

Name	Input Value		
CDD_AppDataFbkPthAccessBfr_Cnt_G_u16	0		
CDD_ModIdxFinal_Uls_G_u16p16[0]	0		
CDD_ModIndexFinal_Uls_G_u16p16	0		
CDD_PhaseAdvFinal_Cnt_G_u16[0]	16818		
CDD_PhaseAdvFinal_Cnt_G_u16[1]	61148		
CDD_PhaseAdvanceFinal_Cnt_G_u16	16818		
Name	Actual Value	Expected Value	Result
CDD_ModIdxFinal_Uls_G_u16p16[0]	0	0	✓
CDD_ModIdxFinal_Uls_G_u16p16[1]	0	0	✓
CDD_PhaseAdvFinal_Cnt_G_u16[0]	16818	16818	✓
CDD_PhaseAdvFinal_Cnt_G_u16[1]	61148	61148	✓

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
*none*	0	*** No Call Expected ***	0	✓

## Test Step 1.9 (Repeat Count = 1)

Name	Input Value		
CDD_AppDataFbkPthAccessBfr_Cnt_G_u16	1		
CDD_ModIdxFinal_Uls_G_u16p16[0]	1		
CDD_ModIndexFinal_Uls_G_u16p16	1		
CDD_PhaseAdvFinal_Cnt_G_u16[0]	1307		
CDD_PhaseAdvFinal_Cnt_G_u16[1]	5891		
CDD_PhaseAdvanceFinal_Cnt_G_u16	5891		
Name	Actual Value	Expected Value	Result
CDD_ModIdxFinal_Uls_G_u16p16[0]	1	1	✓
CDD_ModIdxFinal_Uls_G_u16p16[1]	1	1	✓
CDD_PhaseAdvFinal_Cnt_G_u16[0]	1307	1307	✓
CDD_PhaseAdvFinal_Cnt_G_u16[1]	5891	5891	✓

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
*none*	0	*** No Call Expected ***	0	✓

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## Test Step 1.10 (Repeat Count = 1)



Name	Input Value		
CDD_AppDataFbkPthAccessBfr_Cnt_G_u16	1		
CDD_ModIdxFinal_Uls_G_u16p16[0]	0		
CDD_ModIndexFinal_Uls_G_u16p16	0		
CDD_PhaseAdvFinal_Cnt_G_u16[0]	23492		
CDD_PhaseAdvFinal_Cnt_G_u16[1]	2028		
CDD_PhaseAdvanceFinal_Cnt_G_u16	2028		
Name	Actual Value	Expected Value	Result
CDD_ModIdxFinal_Uls_G_u16p16[0]	0	0	✔
CDD_ModIdxFinal_Uls_G_u16p16[1]	0	0	✔
CDD_PhaseAdvFinal_Cnt_G_u16[0]	23492	23492	✔
CDD_PhaseAdvFinal_Cnt_G_u16[1]	2028	2028	✔

## Test Step Call Trace



Actual Function	Count	Expected Function	Count	Result
*none*	0	*** No Call Expected ***	0	✓

# TEST DETAILS REPORT

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CDDInterface\_Per4



Project	CDDInterface_FIASA
Module	CDDInterface
Test Object	CDDInterface_Per4

## 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_FIASA
Configuration File	D:\Synergy_Work_Area\CDDInterface_FIASA\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	\$(SOURCEROOT)\Sa_CDDInterface.c
Compiler Options	-D_DATA_ACCESS= -Dconst= -I\$(PROJECTROOT)\CDDInterface\utp\contract -I\$(PROJECTROOT)\NxtLib\include -I\$(PROJECTROOT)\StdDef\include -I\$(Compiler Install Path)\include

## Comments/Description/Specification

Name	Text
Module 'CDDInterface'	*****Unit Test Information *****  Name of Tester: Priyanka Shitole Code File(s) Under Test: Sa_CDDInterface.c Code File(s) Version: 4 Module Design Document: NA Module Design Document Version: NA Data Dictionary Version: 1 Unit Test Plan Version: 1 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 1.32 Total FLASH Used (Bytes): 1714 Total RAM Used (Bytes): 0 Total CALS Used (Bytes): 0 Special Test Requirements: Test Date: 6/3/2016 Comments: "Note1: Inline Function defined in GlobalMacro.h is not unit tested. Note2: "CBD_Sandbox_dbg.map" map file is embedded for reference." *****

## 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	\$(PROJECTROOT)\UnitTestEnv\static_build_files\sys_link.cmd
Makefile Template	\$(PROJECTROOT)\UnitTestEnv\config\Nexteer_ts_make_ude_ti_tms570_ps.tpl
Target Install Path	\$(ProgramFiles)\pls\UDE 4.4
Time Unit	cycles
Timer Enabled	false
Timer Prescale	0

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Attributes	
Name	Value
Timer Resolution	1
UDE Config File	\$(PROJECTROOT)\UnitTestEnv\config\TMS570_UDE_12PIN_JTAG.cfg
Workspace File	D:\Synergy_Work_Area\CDDInterface_FIASA\UnitTestEnv\config\UDE_TMS570_DEBUG.WSP



# TEST DETAILS REPORT

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CDDInterface\_Per4



## Test Case 1: Metrics Test

Specification	Performance Metrics (With "None" Instrumentation and WithPS Environment) CPU Cycles:  TS1.1 1048.00 Cycles TS1.2 391.00 Cycles
Description	Vector Description:  TS1.1"Longest Execution Path: (MtrElecMechPolarity_Cnt_T_s08 != PrevMtrElecMechPolarity_Cnt_M_s08)=>True (D_DEFEATENGON_CNT_B32 == (CDD_EOLSrlComSvcDft_Cnt_G_b32 & D_DEFEATENGON_CNT_B32))=>False (D_DEFEATFREQDEPDM_CNT_B32 == (CDD_EOLSrlComSvcDft_Cnt_G_b32 & D_DEFEATFREQDEPDM_CNT_B32))=>False (D_DEFEATKININTDIAG_CNT_B32 == (CDD_EOLSrlComSvcDft_Cnt_G_b32 & D_DEFEATKININTDIAG_CNT_B32))=>False (D_DEFEATTHERMALDC_CNT_B32 == (CDD_EOLSrlComSvcDft_Cnt_G_b32 & D_DEFEATTHERMALDC_CNT_B32))=>False (D_DEFEATEOTIMPACT_CNT_B32 == (CDD_EOLSrlComSvcDft_Cnt_G_b32 & D_DEFEATEOTIMPACT_CNT_B32))=>False (D_DEFEATEOTTHERMAL_CNT_B32 == (CDD_EOLSrlComSvcDft_Cnt_G_b32 & D_DEFEATEOTTHERMAL_CNT_B32))=>False (D_DEFEATMTRVELNRMLRN_CNT_B32 == (CDD_EOLSrlComSvcDft_Cnt_G_b32 & D_DEFEATMTRVELNRMLRN_CNT_B32))=>False (D_DEFEATMTRPARMNRMLRN_CNT_B32 == (CDD_EOLSrlComSvcDft_Cnt_G_b32 & D_DEFEATMTRPARMNRMLRN_CNT_B32))=>False (D_DEFEATTQRMP_CNT_B32 == (CDD_EOLSrlComSvcDft_Cnt_G_b32 & D_DEFEATTQRMP_CNT_B32))=>False (D_DEFEATMODIDX_CNT_B32 == (CDD_EOLSrlComSvcDft_Cnt_G_b32 & D_DEFEATMODIDX_CNT_B32))=>True (D_DEFEATPULLCOMP_CNT_B32 == (CDD_EOLSrlComSvcDft_Cnt_G_b32 & D_DEFEATPULLCOMP_CNT_B32))=>True (D_DEFEATWHLIMBREJ_CNT_B32 == (CDD_EOLSrlComSvcDft_Cnt_G_b32 & D_DEFEATWHLIMBREJ_CNT_B32))=>False (D_DEFEATPARKAST_CNT_B32 == (CDD_EOLSrlComSvcDft_Cnt_G_b32 & D_DEFEATPARKAST_CNT_B32))=>False (D_DEFEATDRIVINGDYN_CNT_B32 == (CDD_EOLSrlComSvcDft_Cnt_G_b32 & D_DEFEATDRIVINGDYN_CNT_B32))=>False (D_DEFEATHYSTCOMP_CNT_B32 == (CDD_EOLSrlComSvcDft_Cnt_G_b32 & D_DEFEATHYSTCOMP_CNT_B32))=>True (D_DEFEATHYSTADD_CNT_B32 == (CDD_EOLSrlComSvcDft_Cnt_G_b32 & D_DEFEATHYSTADD_CNT_B32))=>True (D_DEFEATRETURN_CNT_B32 == (CDD_EOLSrlComSvcDft_Cnt_G_b32 & D_DEFEATRETURN_CNT_B32))=>False (D_DEFEATDAMPING_CNT_B32 == (CDD_EOLSrlComSvcDft_Cnt_G_b32 & D_DEFEATDAMPING_CNT_B32))=>True (D_DEFEATLIMIT_CNT_B32 == (CDD_EOLSrlComSvcDft_Cnt_G_b32 & D_DEFEATLIMIT_CNT_B32))=>True (D_DEFEATFRICLRN_CNT_B32 == (CDD_EOLSrlComSvcDft_Cnt_G_b32 & D_DEFEATFRICLRN_CNT_B32))=>True (D_DEFEATRXMSG_CNT_B32 == (CDD_EOLSrlComSvcDft_Cnt_G_b32 & D_DEFEATRXMSG_CNT_B32))=>False (D_DEFEATMULTIGNMASK_CNT_B32 == (CDD_EOLSrlComSvcDft_Cnt_G_b32 & D_DEFEATMULTIGNMASK_CNT_B32))=>True" TS1.2"Shortest Execution Path: (MtrElecMechPolarity_Cnt_T_s08 != PrevMtrElecMechPolarity_Cnt_M_s08)=>False (D_DEFEATENGON_CNT_B32 == (CDD_EOLSrlComSvcDft_Cnt_G_b32 & D_DEFEATENGON_CNT_B32))=>False (D_DEFEATFREQDEPDM_CNT_B32 == (CDD_EOLSrlComSvcDft_Cnt_G_b32 & D_DEFEATFREQDEPDM_CNT_B32))=>False (D_DEFEATKININTDIAG_CNT_B32 == (CDD_EOLSrlComSvcDft_Cnt_G_b32 & D_DEFEATKININTDIAG_CNT_B32))=>False (D_DEFEATTHERMALDC_CNT_B32 == (CDD_EOLSrlComSvcDft_Cnt_G_b32 & D_DEFEATTHERMALDC_CNT_B32))=>False (D_DEFEATEOTIMPACT_CNT_B32 == (CDD_EOLSrlComSvcDft_Cnt_G_b32 & D_DEFEATEOTIMPACT_CNT_B32))=>False (D_DEFEATEOTTHERMAL_CNT_B32 == (CDD_EOLSrlComSvcDft_Cnt_G_b32 & D_DEFEATEOTTHERMAL_CNT_B32))=>False (D_DEFEATMTRVELNRMLRN_CNT_B32 == (CDD_EOLSrlComSvcDft_Cnt_G_b32 & D_DEFEATMTRVELNRMLRN_CNT_B32))=>False (D_DEFEATMTRPARMNRMLRN_CNT_B32 == (CDD_EOLSrlComSvcDft_Cnt_G_b32 & D_DEFEATMTRPARMNRMLRN_CNT_B32))=>False (D_DEFEATTQRMP_CNT_B32 == (CDD_EOLSrlComSvcDft_Cnt_G_b32 & D_DEFEATTQRMP_CNT_B32))=>False (D_DEFEATMODIDX_CNT_B32 == (CDD_EOLSrlComSvcDft_Cnt_G_b32 & D_DEFEATMODIDX_CNT_B32))=>False (D_DEFEATPULLCOMP_CNT_B32 == (CDD_EOLSrlComSvcDft_Cnt_G_b32 & D_DEFEATPULLCOMP_CNT_B32))=>False (D_DEFEATWHLIMBREJ_CNT_B32 == (CDD_EOLSrlComSvcDft_Cnt_G_b32 & D_DEFEATWHLIMBREJ_CNT_B32))=>False (D_DEFEATPARKAST_CNT_B32 == (CDD_EOLSrlComSvcDft_Cnt_G_b32 & D_DEFEATPARKAST_CNT_B32))=>False (D_DEFEATDRIVINGDYN_CNT_B32 == (CDD_EOLSrlComSvcDft_Cnt_G_b32 & D_DEFEATDRIVINGDYN_CNT_B32))=>False (D_DEFEATHYSTCOMP_CNT_B32 == (CDD_EOLSrlComSvcDft_Cnt_G_b32 & D_DEFEATHYSTCOMP_CNT_B32))=>False (D_DEFEATHYSTADD_CNT_B32 == (CDD_EOLSrlComSvcDft_Cnt_G_b32 & D_DEFEATHYSTADD_CNT_B32))=>False (D_DEFEATRETURN_CNT_B32 == (CDD_EOLSrlComSvcDft_Cnt_G_b32 & D_DEFEATRETURN_CNT_B32))=>False (D_DEFEATDAMPING_CNT_B32 == (CDD_EOLSrlComSvcDft_Cnt_G_b32 & D_DEFEATDAMPING_CNT_B32))=>False (D_DEFEATLIMIT_CNT_B32 == (CDD_EOLSrlComSvcDft_Cnt_G_b32 & D_DEFEATLIMIT_CNT_B32))=>False (D_DEFEATFRICLRN_CNT_B32 == (CDD_EOLSrlComSvcDft_Cnt_G_b32 & D_DEFEATFRICLRN_CNT_B32))=>False (D_DEFEATRXMSG_CNT_B32 == (CDD_EOLSrlComSvcDft_Cnt_G_b32 & D_DEFEATRXMSG_CNT_B32))=>False (D_DEFEATMULTIGNMASK_CNT_B32 == (CDD_EOLSrlComSvcDft_Cnt_G_b32 & D_DEFEATMULTIGNMASK_CNT_B32))=>False"

## Test Step 1.1 (Repeat Count = 1)

Name	Input Value
CDD_DftAssTbI_Cnt_G_lgc	1
CDD_DwnldAsstGain_Uls_G_f32	-2.98521
CDD_EOLSrlComSvcDft_Cnt_G_b32	1972815360
CDD_EnergyModeState_Cnt_G_u08	1
MfgDiagInhibit_Uls_G_lgc	1
PrevMtrElecMechPolarity_Cnt_M_s08	1
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_MtrElc	-1

Name	Actual Value	Expected Value	Result
CDD_ModldxSrlComSvcDft_Cnt_G_u16	1	1	✓
PrevMtrElecMechPolarity_Cnt_M_s08	-1	-1	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Damp	1	1	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_DftAs	1	1	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Drivin	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Dwnlc	-2.98520994	-2.98521	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_EOTIr	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_EOTT	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Energ	1	1	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_EngO	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_FreqC	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_FricLr	1	1	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_HysAr	1	1	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_HystC	1	1	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_KinInt	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_LimitS	1	1	✓

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Name	Actual Value	Expected Value	Result
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_MfgDi	1	1	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Modlc	1	1	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_MtrPa	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_MtrVe	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Multlg	1	1	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_ParkA	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_PullCo	1	1	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Return	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_RxMs	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_SrlCo	1972815360	1972815360	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Therm	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_TrqRr	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Whllr	0	0	✓

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

## Test Step 1.2 (Repeat Count = 1)

Name	Input Value
CDD_DftAsstTbl_Cnt_G_lgc	0
CDD_DwnldAsstGain_Uls_G_f32	-16
CDD_EOLSrlComSvcDft_Cnt_G_b32	0
CDD_EnergyModeState_Cnt_G_u08	0
MfgDiagInhibit_Uls_G_lgc	0
PrevMtrElecMechPolarity_Cnt_M_s08	-1
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_MtrElc	-1

Name	Actual Value	Expected Value	Result
CDD_ModldxSrlComSvcDft_Cnt_G_u16	0	0	✓
PrevMtrElecMechPolarity_Cnt_M_s08	-1	-1	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Damp	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_DftAs	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Drvin	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Dwnlc	-16	-16	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_EOTlr	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_EOTT	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Energ	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_EngO	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_FreqC	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_FricLr	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_HysAc	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_HystC	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_KinInt	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_LimitS	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_MfgDi	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Modlc	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_MtrPa	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_MtrVe	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Multlg	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_ParkA	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_PullCo	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Return	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_RxMs	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_SrlCo	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Therm	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_TrqRr	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Whllr	0	0	✓

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

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## Test Case 2: Boundary Test

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

TS2.1 391.00 Cycles  
TS2.2 399.00 Cycles  
TS2.3 975.00 Cycles  
TS2.4 1011.00 Cycles  
TS2.5 515.00 Cycles  
TS2.6 432.00 Cycles  
TS2.7 420.00 Cycles  
TS2.8 441.00 Cycles  
TS2.9 475.00 Cycles  
TS2.10 442.00 Cycles  
TS2.11 376.00 Cycles  
TS2.12 987.00 Cycles  
TS2.13 461.00 Cycles  
TS2.14 865.00 Cycles  
TS2.15 383.00 Cycles  
TS2.16 486.00 Cycles  
TS2.17 934.00 Cycles  
TS2.18 968.00 Cycles  
TS2.19 434.00 Cycles  
TS2.20 910.00 Cycles  
TS2.21 462.00 Cycles

**Description** Vector Description:

TS2.1All min  
TS2.2all max  
TS2.3MtrElecMechPolarity\_Cnt\_s08==>Min  
TS2.4MtrElecMechPolarity\_Cnt\_s08==>Max  
TS2.5PrevMtrElecMechPolarity\_Cnt\_M\_s08==>Min  
TS2.6PrevMtrElecMechPolarity\_Cnt\_M\_s08==>Max  
TS2.7CDD\_DftAsstTbl\_Cnt\_G\_lgc==>Min  
TS2.8CDD\_DftAsstTbl\_Cnt\_G\_lgc==>Max  
TS2.9CDD\_DwnldAsstGain\_Uls\_G\_f32==>Min  
TS2.10CDD\_DwnldAsstGain\_Uls\_G\_f32==>Max  
TS2.11CDD\_DwnldAsstGain\_Uls\_G\_f32==>Pos  
TS2.12CDD\_DwnldAsstGain\_Uls\_G\_f32==>Zero  
TS2.13CDD\_DwnldAsstGain\_Uls\_G\_f32==>Neg  
TS2.14CDD\_EOLSrlComSvcDft\_Cnt\_G\_b32==>Min  
TS2.15CDD\_EOLSrlComSvcDft\_Cnt\_G\_b32==>Max  
TS2.16CDD\_EOLSrlComSvcDft\_Cnt\_G\_b32==>Pos  
TS2.17CDD\_EnergyModeState\_Cnt\_G\_u08==>Min  
TS2.18CDD\_EnergyModeState\_Cnt\_G\_u08==>Max  
TS2.19CDD\_EnergyModeState\_Cnt\_G\_u08==>Pos  
TS2.20MfgDiagInhibit\_Uls\_G\_lgc==>Min  
TS2.21MfgDiagInhibit\_Uls\_G\_lgc==>Max

## Test Step 2.1 (Repeat Count = 1)

Name	Input Value		
CDD_DftAsstTbl_Cnt_G_lgc	0		
CDD_DwnldAsstGain_Uls_G_f32	-16		
CDD_EOLSrlComSvcDft_Cnt_G_b32	0		
CDD_EnergyModeState_Cnt_G_u08	0		
MfgDiagInhibit_Uls_G_lgc	0		
PrevMtrElecMechPolarity_Cnt_M_s08	-1		
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_MtrElc	-1		
Name	Actual Value	Expected Value	Result
CDD_ModldxSrlComSvcDft_Cnt_G_u16	0	0	✓
PrevMtrElecMechPolarity_Cnt_M_s08	-1	-1	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Damp	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_DftAs	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Drvin	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Dwnlc	-16	-16	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_EOTlr	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_EOTT	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Energ	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_EngO	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_FreqC	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_FricLr	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_HysAr	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_HystC	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_KinInt	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_LimitS	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_MfgDi	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Modlc	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_MtrPa	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_MtrVe	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Multlg	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_ParkA	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_PullCo	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Return	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_RxMs	0	0	✓

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Name	Actual Value	Expected Value	Result
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_SrlCo	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Therm	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_TrqRr	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Whllnr	0	0	✓

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
*none*	0	*** No Call Expected ***	0	✓

## Test Step 2.2 (Repeat Count = 1)

Name	Input Value		
CDD_DftAsstTbl_Cnt_G_lgc	1		
CDD_DwnldAsstGain_Uls_G_f32	16		
CDD_EOLSrlComSvcDft_Cnt_G_b32	4294967295		
CDD_EnergyModeState_Cnt_G_u08	3		
MfgDiagInhibit_Uls_G_lgc	1		
PrevMtrElecMechPolarity_Cnt_M_s08	1		
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_MtrElc	1		
Name	Actual Value	Expected Value	Result
CDD_ModldxSrlComSvcDft_Cnt_G_u16	1	1	✓
PrevMtrElecMechPolarity_Cnt_M_s08	1	1	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Damp	1	1	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_DftAs	1	1	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Drvin	1	1	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Dwnlc	16	16	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_EOTlr	1	1	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_EOTT	1	1	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Energ	3	3	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_EngO	1	1	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_FreqC	1	1	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_FricLr	1	1	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_HysAc	1	1	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_HystC	1	1	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_KinInt	1	1	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_LimitS	1	1	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_MfgDi	1	1	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Modlc	1	1	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_MtrPa	1	1	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_MtrVe	1	1	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Multlg	1	1	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_ParkA	1	1	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_PullCo	1	1	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Return	1	1	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_RxMs	1	1	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_SrlCo	4294967295	4294967295	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Therm	1	1	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_TrqRr	1	1	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Whllnr	1	1	✓

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
*none*	0	*** No Call Expected ***	0	✓

## Test Step 2.3 (Repeat Count = 1)

Name	Input Value		
CDD_DftAsstTbl_Cnt_G_lgc	1		
CDD_DwnldAsstGain_Uls_G_f32	-2.98521		
CDD_EOLSrlComSvcDft_Cnt_G_b32	1972815360		
CDD_EnergyModeState_Cnt_G_u08	1		
MfgDiagInhibit_Uls_G_lgc	1		
PrevMtrElecMechPolarity_Cnt_M_s08	1		
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_MtrElc	-1		
Name	Actual Value	Expected Value	Result
CDD_ModldxSrlComSvcDft_Cnt_G_u16	1	1	✓
PrevMtrElecMechPolarity_Cnt_M_s08	-1	-1	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Damp	1	1	✓

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Name	Actual Value	Expected Value	Result
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_DftAs	1	1	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Drivin	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Dwnlc	-2.98520994	-2.98521	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_EOTIr	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_EOTT	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Energ	1	1	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_EngO	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_FreqC	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_FricLr	1	1	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_HysAc	1	1	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_HystC	1	1	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_KinInt	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_LimitS	1	1	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_MfgDi	1	1	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Modlc	1	1	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_MtrPa	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_MtrVe	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Multlg	1	1	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_ParkA	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_PullCo	1	1	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Return	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_RxMs	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_SrlCo	1972815360	1972815360	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Therm	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_TrqRr	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Whllr	0	0	✓

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

Test Step 2.4 (Repeat Count = 1)				
Name	Input Value			
CDD_DftAsstTbl_Cnt_G_lgc	0			
CDD_DwnldAsstGain_Uls_G_f32	-6.06063			
CDD_EOLSrlComSvcDft_Cnt_G_b32	494039296			
CDD_EnergyModeState_Cnt_G_u08	3			
MfgDiagInhibit_Uls_G_lgc	0			
PrevMtrElecMechPolarity_Cnt_M_s08	-1			
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_MtrElc	1			
Name	Actual Value	Expected Value	Result	
CDD_ModldxSrlComSvcDft_Cnt_G_u16	0	0	✓	
PrevMtrElecMechPolarity_Cnt_M_s08	1	1	✓	
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Damp	1	1	✓	
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_DftAs	0	0	✓	
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Drivin	1	1	✓	
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Dwnlc	-6.06062984	-6.06063	✓	
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_EOTIr	0	0	✓	
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_EOTT	0	0	✓	
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Energ	3	3	✓	
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_EngO	0	0	✓	
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_FreqC	0	0	✓	
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_FricLr	1	1	✓	
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_HysAc	0	0	✓	
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_HystC	1	1	✓	
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_KinInt	0	0	✓	
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_LimitS	0	0	✓	
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_MfgDi	0	0	✓	
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Modlc	0	0	✓	
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_MtrPa	0	0	✓	
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_MtrVe	0	0	✓	
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Multlg	0	0	✓	
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_ParkA	1	1	✓	
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_PullCo	0	0	✓	
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Return	0	0	✓	
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_RxMs	1	1	✓	
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_SrlCo	494039296	494039296	✓	
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Therm	0	0	✓	
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_TrqRr	1	1	✓	

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Name	Actual Value	Expected Value	Result
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_WhlIr	0	0	✓

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
CDDPorts_ApplyMtrElecMechPol	1	CDDPorts_ApplyMtrElecMechPol	1	✓
CDD_ApplyPWMmtrElecMechPol	1	CDD_ApplyPWMmtrElecMechPol	1	✓

## Test Step 2.5 (Repeat Count = 1)

Name	Input Value
CDD_DftAsstTbl_Cnt_G_lgc	0
CDD_DwnldAsstGain_Uls_G_f32	13.6616
CDD_EOLSrlComSvcDft_Cnt_G_b32	1621525760
CDD_EnergyModeState_Cnt_G_u08	3
MfgDiagInhibit_Uls_G_lgc	0
PrevMtrElecMechPolarity_Cnt_M_s08	-1
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_MtrElc	-1

Name	Actual Value	Expected Value	Result
CDD_ModIdxSrlComSvcDft_Cnt_G_u16	0	0	✓
PrevMtrElecMechPolarity_Cnt_M_s08	-1	-1	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Damp	1	1	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_DftAs	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Drivin	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Dwnlc	13.6616001	13.6616	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_EOTIr	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_EOTT	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Energ	3	3	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_EngO	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_FreqC	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_FricLr	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_HysAc	1	1	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_HystC	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_KinInt	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_LimitS	1	1	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_MfgDi	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Modlc	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_MtrPa	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_MtrVe	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Multlg	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_ParkA	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_PullC	1	1	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Return	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_RxMs	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_SrlCol	1621525760	1621525760	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Therm	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_TrqRr	1	1	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_WhlIr	0	0	✓

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
*none*	0	*** No Call Expected ***	0	✓

## Test Step 2.6 (Repeat Count = 1)

Name	Input Value
CDD_DftAsstTbl_Cnt_G_lgc	1
CDD_DwnldAsstGain_Uls_G_f32	-0.428422
CDD_EOLSrlComSvcDft_Cnt_G_b32	1308570624
CDD_EnergyModeState_Cnt_G_u08	2
MfgDiagInhibit_Uls_G_lgc	1
PrevMtrElecMechPolarity_Cnt_M_s08	1
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_MtrElc	1

Name	Actual Value	Expected Value	Result
CDD_ModIdxSrlComSvcDft_Cnt_G_u16	0	0	✓
PrevMtrElecMechPolarity_Cnt_M_s08	1	1	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Damp	1	1	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_DftAs	1	1	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Drivin	1	1	✓



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Name	Actual Value	Expected Value	Result
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Dwnlc	-0.428422004	-0.428422	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_EOTIr	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_EOTT	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Energ	2	2	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_EngO	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_FreqC	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_FricLr	1	1	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_HysAr	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_HystC	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_KinInt	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_LimitS	1	1	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_MfgDi	1	1	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Modlc	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_MtrPa	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_MtrVe	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Multlg	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_ParkA	1	1	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_PullCr	1	1	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Return	1	1	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_RxMs	1	1	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_SrlCo	1308570624	1308570624	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Therm	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_TrqRr	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_WhlIr	0	0	✓

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
*none*	0	*** No Call Expected ***	0	✓

## Test Step 2.7 (Repeat Count = 1)

Name	Input Value		
CDD_DftAsstTbl_Cnt_G_lgc	0		
CDD_DwnldAsstGain_Uls_G_f32	-8.70177		
CDD_EOLSrlComSvcDft_Cnt_G_b32	2401253376		
CDD_EnergyModeState_Cnt_G_u08	0		
MfgDiagInhibit_Uls_G_lgc	0		
PrevMtrElecMechPolarity_Cnt_M_s08	1		
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_MtrEle	1		
Name	Actual Value	Expected Value	Result
CDD_ModldxSrlComSvcDft_Cnt_G_u16	0	0	✓
PrevMtrElecMechPolarity_Cnt_M_s08	1	1	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Damp	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_DftAs	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Drivin	1	1	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Dwnlc	-8.70176983	-8.70177	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_EOTIr	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_EOTT	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Energ	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_EngO	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_FreqC	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_FricLr	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_HysAr	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_HystC	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_KinInt	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_LimitS	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_MfgDi	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Modlc	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_MtrPa	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_MtrVe	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Multlg	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_ParkA	1	1	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_PullCr	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Return	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_RxMs	1	1	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_SrlCo	2401253376	2401253376	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Therm	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_TrqRr	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_WhlIr	1	1	✓

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## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
*none*	0	*** No Call Expected ***	0	✓

## Test Step 2.8 (Repeat Count = 1)

Name	Input Value
CDD_DftAsstTbl_Cnt_G_lgc	1
CDD_DwnldAsstGain_Uls_G_f32	-0.315127
CDD_EOLSrlComSvcDft_Cnt_G_b32	4246608640
CDD_EnergyModeState_Cnt_G_u08	3
MfgDiagInhibit_Uls_G_lgc	0
PrevMtrElecMechPolarity_Cnt_M_s08	-1
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_MtrElc	-1

Name	Actual Value	Expected Value	Result
CDD_ModIdxSrlComSvcDft_Cnt_G_u16	1	1	✓
PrevMtrElecMechPolarity_Cnt_M_s08	-1	-1	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Damp	1	1	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_DftAs	1	1	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Drvin	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Dwnlc	-0.315126985	-0.315127	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_EOTlr	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_EOTT	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Energ	3	3	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_EngO	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_FreqC	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_FricLr	1	1	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_HysAr	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_HystC	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_KinInt	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_LimitS	1	1	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_MfgDi	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Modlc	1	1	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_MtrPa	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_MtrVe	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Multlg	1	1	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_ParkA	1	1	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_PullC	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Return	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_RxMs	1	1	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_SrlCo	4246608640	4246608640	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Therm	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_TrqRr	1	1	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Whllr	1	1	✓

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
*none*	0	*** No Call Expected ***	0	✓

## Test Step 2.9 (Repeat Count = 1)

Name	Input Value
CDD_DftAsstTbl_Cnt_G_lgc	1
CDD_DwnldAsstGain_Uls_G_f32	-16
CDD_EOLSrlComSvcDft_Cnt_G_b32	3700780288
CDD_EnergyModeState_Cnt_G_u08	1
MfgDiagInhibit_Uls_G_lgc	1
PrevMtrElecMechPolarity_Cnt_M_s08	1
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_MtrElc	1

Name	Actual Value	Expected Value	Result
CDD_ModIdxSrlComSvcDft_Cnt_G_u16	0	0	✓
PrevMtrElecMechPolarity_Cnt_M_s08	1	1	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Damp	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_DftAs	1	1	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Drvin	1	1	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Dwnlc	-16	-16	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_EOTlr	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_EOTT	0	0	✓



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Name	Actual Value	Expected Value	Result
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Energ	1	1	
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_EngO	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_FreqC	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_FricLr	1	1	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_HysAr	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_HystC	1	1	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_KinInt	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_LimitS	1	1	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_MfgDi	1	1	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Modlc	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_MtrPa	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_MtrVe	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Multlg	1	1	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_ParkA	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_PullC	1	1	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Return	1	1	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_RxMs	1	1	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_SrlCo	3700780288	3700780288	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Therm	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_TrqRr	1	1	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Whllr	1	1	✓

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_DftAsstTbl_Cnt_G_lgc	0			
CDD_DwnldAsstGain_Uls_G_f32	16			
CDD_EOLSrlComSvcDft_Cnt_G_b32	2547153920			
CDD_EnergyModeState_Cnt_G_u08	2			
MfgDiagInhibit_Uls_G_lgc	0			
PrevMtrElecMechPolarity_Cnt_M_s08	-1			
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_MtrElk	-1			
Name	Actual Value	Expected Value	Result	
CDD_ModlIdxSrlComSvcDft_Cnt_G_u16	0	0	✓	
PrevMtrElecMechPolarity_Cnt_M_s08	-1	-1	✓	
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Damp	1	1	✓	
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_DftAs	0	0	✓	
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Drvin	1	1	✓	
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Dwnlc	16	16	✓	
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_EOTlr	0	0	✓	
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_EOTT	0	0	✓	
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Energ	2	2	✓	
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_EngO	0	0	✓	
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_FreqC	0	0	✓	
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_FricLr	1	1	✓	
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_HysAr	0	0	✓	
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_HystC	1	1	✓	
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_KinInt	0	0	✓	
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_LimitS	0	0	✓	
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_MfgDi	0	0	✓	
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Modlc	0	0	✓	
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_MtrPa	0	0	✓	
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_MtrVe	0	0	✓	
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Multlg	0	0	✓	
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_ParkA	1	1	✓	
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_PullC	1	1	✓	
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Return	0	0	✓	
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_RxMs	0	0	✓	
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_SrlCo	2547153920	2547153920	✓	
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Therm	0	0	✓	
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_TrqRr	0	0	✓	
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Whllr	1	1	✓	

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

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Test Step 2.11 (Repeat Count = 1)				✓
Name	Input Value			
CDD_DftAsstTbl_Cnt_G_lgc	1			
CDD_DwnldAsstGain_Uls_G_f32	6.5678			
CDD_EOLSrlComSvcDft_Cnt_G_b32	1897352960			
CDD_EnergyModeState_Cnt_G_u08	2			
MfgDiagInhibit_Uls_G_lgc	0			
PrevMtrElecMechPolarity_Cnt_M_s08	1			
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_MtrElc	1			
Name	Actual Value	Expected Value	Result	
CDD_ModIdxSrlComSvcDft_Cnt_G_u16	1	1		✓
PrevMtrElecMechPolarity_Cnt_M_s08	1	1		✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Damp	1	1		✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_DftAs	1	1		✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Drvin	0	0		✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Dwnlc	6.56780005	6.5678		✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_EOTIr	0	0		✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_EOTT	0	0		✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Energ	2	2		✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_EngO	0	0		✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_FreqC	0	0		✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_FricLr	1	1		✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_HysAc	0	0		✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_HystC	1	1		✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_KinInt	0	0		✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_LimitS	1	1		✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_MfgDi	0	0		✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Modlc	1	1		✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_MtrPa	0	0		✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_MtrVe	0	0		✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Multlg	1	1		✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_ParkA	0	0		✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_PullC	1	1		✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Return	1	1		✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_RxMs	0	0		✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_SrlCo	1897352960	1897352960		✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Therm	0	0		✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_TrqRr	1	1		✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Whllr	1	1		✓

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_DftAsstTbl_Cnt_G_lgc	0			
CDD_DwnldAsstGain_Uls_G_f32	0			
CDD_EOLSrlComSvcDft_Cnt_G_b32	3025458688			
CDD_EnergyModeState_Cnt_G_u08	1			
MfgDiagInhibit_Uls_G_lgc	1			
PrevMtrElecMechPolarity_Cnt_M_s08	-1			
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_MtrElc	1			
Name	Actual Value	Expected Value	Result	
CDD_ModIdxSrlComSvcDft_Cnt_G_u16	1	1		✓
PrevMtrElecMechPolarity_Cnt_M_s08	1	1		✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Damp	0	0		✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_DftAs	0	0		✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Drvin	0	0		✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Dwnlc	0	0		✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_EOTIr	0	0		✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_EOTT	0	0		✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Energ	1	1		✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_EngO	0	0		✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_FreqC	0	0		✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_FricLr	1	1		✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_HysAc	1	1		✓

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Name	Actual Value	Expected Value	Result
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_HystC	1	1	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_KinInt	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_LimitS	1	1	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_MfgDi	1	1	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Modlc	1	1	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_MtrPa	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_MtrVe	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Multlg	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_ParkA	1	1	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_PullC	1	1	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Return	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_RxMs	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_SrlCo	3025458688	3025458688	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Therm	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_TrqRr	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Whllr	0	0	✓

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
CDDPorts_ApplyMtrElecMechPol	1	CDDPorts_ApplyMtrElecMechPol	1	✓
CDD_ApplyPWMmtrElecMechPol	1	CDD_ApplyPWMmtrElecMechPol	1	✓

Test Step 2.13 (Repeat Count = 1)				
Name	Input Value			
CDD_DftAsstTbl_Cnt_G_lgc	1			
CDD_DwnldAsstGain_Uls_G_f32	-5.456			
CDD_EOLSrlComSvcDft_Cnt_G_b32	2910339328			
CDD_EnergyModeState_Cnt_G_u08	3			
MfgDiagInhibit_Uls_G_lgc	0			
PrevMtrElecMechPolarity_Cnt_M_s08	1			
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_MtrElc	1			
Name	Actual Value	Expected Value	Result	
CDD_ModlxsrlComSvcDft_Cnt_G_u16	0	0	✓	
PrevMtrElecMechPolarity_Cnt_M_s08	1	1	✓	
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Damp	0	0	✓	
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_DftAs	1	1	✓	
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Drvin	0	0	✓	
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Dwnlc	-5.45599985	-5.456	✓	
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_EOTlr	0	0	✓	
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_EOTT	0	0	✓	
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Energ	3	3	✓	
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_EngO	0	0	✓	
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_FreqC	0	0	✓	
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_FricLr	1	1	✓	
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_HysAr	0	0	✓	
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_HystC	1	1	✓	
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_KinInt	0	0	✓	
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_LimitS	0	0	✓	
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_MfgDi	0	0	✓	
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Modlc	0	0	✓	
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_MtrPa	0	0	✓	
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_MtrVe	0	0	✓	
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Multlg	0	0	✓	
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_ParkA	0	0	✓	
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_PullC	0	0	✓	
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Return	0	0	✓	
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_RxMs	1	1	✓	
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_SrlCo	2910339328	2910339328	✓	
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Therm	0	0	✓	
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_TrqRr	1	1	✓	
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Whllr	0	0	✓	

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

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## Test Step 2.14 (Repeat Count = 1)

Name	Input Value		
CDD_DftAsstTbl_Cnt_G_lgc	0		
CDD_DwnldAsstGain_Uls_G_f32	1.98992		
CDD_EOLSrlComSvcDft_Cnt_G_b32	0		
CDD_EnergyModeState_Cnt_G_u08	1		
MfgDiagInhibit_Uls_G_lgc	1		
PrevMtrElecMechPolarity_Cnt_M_s08	-1		
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_MtrElc	1		
Name	Actual Value	Expected Value	Result
CDD_ModIdxSrlComSvcDft_Cnt_G_u16	0	0	✓
PrevMtrElecMechPolarity_Cnt_M_s08	1	1	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Damp	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_DftAs	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Drvin	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Dwnlc	1.98992002	1.98992	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_EOTlr	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_EOTT	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Energ	1	1	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_EngO	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_FreqC	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_FricLr	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_HysAr	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_HystC	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_KinInt	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_LimitS	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_MfgDi	1	1	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Modlc	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_MtrPa	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_MtrVe	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Multlg	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_ParkA	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_PullCr	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Return	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_RxMs	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_SrlCo	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Therr	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_TrqRr	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_WhlInr	0	0	✓

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
CDDPorts_ApplyMtrElecMechPol	1	CDDPorts_ApplyMtrElecMechPol	1	✓
CDD_ApplyPWMMtrElecMechPol	1	CDD_ApplyPWMMtrElecMechPol	1	✓

## Test Step 2.15 (Repeat Count = 1)

Name	Input Value		
CDD_DftAsstTbl_Cnt_G_lgc	1		
CDD_DwnldAsstGain_Uls_G_f32	-1.69437		
CDD_EOLSrlComSvcDft_Cnt_G_b32	4294967295		
CDD_EnergyModeState_Cnt_G_u08	3		
MfgDiagInhibit_Uls_G_lgc	1		
PrevMtrElecMechPolarity_Cnt_M_s08	1		
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_MtrElc	1		
Name	Actual Value	Expected Value	Result
CDD_ModIdxSrlComSvcDft_Cnt_G_u16	1	1	✓
PrevMtrElecMechPolarity_Cnt_M_s08	1	1	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Damp	1	1	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_DftAs	1	1	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Drvin	1	1	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Dwnlc	-1.69437003	-1.69437	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_EOTlr	1	1	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_EOTT	1	1	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Energ	3	3	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_EngO	1	1	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_FreqC	1	1	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_FricLr	1	1	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_HysAr	1	1	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_HystC	1	1	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_KinInt	1	1	✓

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Name	Actual Value	Expected Value	Result
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_LimitS	1	1	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_MfgDi	1	1	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Modlc	1	1	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_MtrPa	1	1	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_MtrVe	1	1	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Multlg	1	1	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_ParkA	1	1	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_PullCo	1	1	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Return	1	1	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_RxMs	1	1	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_SrCo	4294967295	4294967295	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Therm	1	1	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_TrqRr	1	1	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_WhlIr	1	1	✓

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

## Test Step 2.16 (Repeat Count = 1)

Name	Input Value		
CDD_DftAsstTbl_Cnt_G_lgc	1		
CDD_DwnldAsstGain_Uls_G_f32	2.48416		
CDD_EOLSrComSvcDft_Cnt_G_b32	564369664		
CDD_EnergyModeState_Cnt_G_u08	0		
MfgDiagInhibit_Uls_G_lgc	1		
PrevMtrElecMechPolarity_Cnt_M_s08	-1		
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_MtrElc	-1		
Name	Actual Value	Expected Value	Result
CDD_ModldxSrComSvcDft_Cnt_G_u16	0	0	✓
PrevMtrElecMechPolarity_Cnt_M_s08	-1	-1	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Damp	1	1	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_DftAs	1	1	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Drivin	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Dwnlc	2.48415995	2.48416	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_EOTlr	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_EOTT	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Energ	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_EngO	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_FreqC	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_FricLr	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_HysAr	1	1	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_HystC	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_KinInt	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_LimitS	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_MfgDi	1	1	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Modlc	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_MtrPa	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_MtrVe	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Multlg	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_ParkA	1	1	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_PullCo	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Return	1	1	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_RxMs	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_SrCo	564369664	564369664	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Therm	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_TrqRr	1	1	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_WhlIr	1	1	✓

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

## Test Step 2.17 (Repeat Count = 1)

Name	Input Value
CDD_DftAsstTbl_Cnt_G_lgc	0

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Name	Input Value
CDD_DwnldAsstGain_Uls_G_f32	0.259054
CDD_EOLSrlComSvcDft_Cnt_G_b32	1937593600
CDD_EnergyModeState_Cnt_G_u08	0
MfgDiagInhibit_Uls_G_lgc	1
PrevMtrElecMechPolarity_Cnt_M_s08	1
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_MtrElc	-1

Name	Actual Value	Expected Value	Result
CDD_ModlIdxSrlComSvcDft_Cnt_G_u16	0	0	✓
PrevMtrElecMechPolarity_Cnt_M_s08	-1	-1	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Damp	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_DftAs	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Drvin	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Dwnlc	0.259054005	0.259054	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_EOTlr	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_EOTT	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Energ	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_EngO	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_FreqC	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_FricLr	1	1	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_HysAr	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_HystC	1	1	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_KinInt	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_LimitS	1	1	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_MfgDi	1	1	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Modlc	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_MtrPa	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_MtrVe	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Multlg	1	1	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_ParkA	1	1	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_PullCr	1	1	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Return	1	1	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_RxMs	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_SrlCo	1937593600	1937593600	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Therm	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_TrgRr	1	1	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Whllr	0	0	✓

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
CDDPorts_ApplyMtrElecMechPol	1	CDDPorts_ApplyMtrElecMechPol	1	✓
CDD_ApplyPWMmtrElecMechPol	1	CDD_ApplyPWMmtrElecMechPol	1	✓

Test Step 2.18 (Repeat Count = 1)				✔
Name		Input Value		
CDD_DftAsstTbl_Cnt_G_lgc		1		
CDD_DwnldAsstGain_Uls_G_f32		6.94041		
CDD_EOLSrlComSvcDft_Cnt_G_b32		3032138752		
CDD_EnergyModeState_Cnt_G_u08		3		
MfgDiagInhibit_Uls_G_lgc		0		
PrevMtrElecMechPolarity_Cnt_M_s08		-1		
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_MtrElc		1		
Name		Actual Value	Expected Value	Result
CDD_ModlIdxSrlComSvcDft_Cnt_G_u16		0	0	✔
PrevMtrElecMechPolarity_Cnt_M_s08		1	1	✔
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Damp		1	1	✔
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_DftAs		1	1	✔
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Drvin		0	0	✔
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Dwnlc		6.94041014	6.94041	✔
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_EOTlr		0	0	✔
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_EOTT		0	0	✔
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Energ		3	3	✔
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_EngO		0	0	✔
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_FreqC		0	0	✔
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_FricLr		1	1	✔
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_HysAr		1	1	✔
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_HystC		1	1	✔
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_KinInt		0	0	✔
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_LimitS		0	0	✔
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_MfgDi		0	0	✔
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Modlc		0	0	✔

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Name	Actual Value	Expected Value	Result
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_MtrPa	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_MtrVe	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Multlg	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_ParkA	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_PullC	1	1	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Return	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_RxMs	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_SrlCo	3032138752	3032138752	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Therm	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_TrqRr	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Whllr	0	0	✓

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
CDDPorts_ApplyMtrElecMechPol	1	CDDPorts_ApplyMtrElecMechPol	1	✓
CDD_ApplyPWMmtrElecMechPol	1	CDD_ApplyPWMmtrElecMechPol	1	✓

## Test Step 2.19 (Repeat Count = 1)

Name	Input Value		
CDD_DftAsstTbl_Cnt_G_lgc	0		
CDD_DwnldAsstGain_Uls_G_f32	-6.93429		
CDD_EOLSrlComSvcDft_Cnt_G_b32	4118705920		
CDD_EnergyModeState_Cnt_G_u08	2		
MfgDiagInhibit_Uls_G_lgc	0		
PrevMtrElecMechPolarity_Cnt_M_s08	1		
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_MtrEle	1		
Name	Actual Value	Expected Value	Result
CDD_ModlidxSrlComSvcDft_Cnt_G_u16	1	1	✔
PrevMtrElecMechPolarity_Cnt_M_s08	1	1	✔
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Damp	1	1	✔
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_DftAs	0	0	✔
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Drvin	1	1	✔
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Dwnlc	-6.93428993	-6.93429	✔
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_EOTIr	0	0	✔
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_EOTT	0	0	✔
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Energ	2	2	✔
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_EngO	0	0	✔
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_FreqC	0	0	✔
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_FricLr	1	1	✔
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_HysAr	0	0	✔
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_HystC	1	1	✔
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_KinInt	0	0	✔
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_LimitS	1	1	✔
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_MfgDi	0	0	✔
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Modlc	1	1	✔
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_MtrPa	0	0	✔
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_MtrVe	0	0	✔
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Multlg	1	1	✔
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_ParkA	1	1	✔
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_PullCx	1	1	✔
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Return	0	0	✔
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_RxMs	0	0	✔
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_SrlCo	4118705920	4118705920	✔
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Thern	0	0	✔
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_TrqRr	1	1	✔
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Whllr	0	0	✔

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
*none*	0	*** No Call Expected ***	0	✓

## Test Step 2.20 (Repeat Count = 1)

Name	Input Value
CDD_DftAsstTbl_Cnt_G_lgc	0
CDD_DwnldAsstGain_Uls_G_f32	-2.38078
CDD_EOLSrlComSvcDft_Cnt_G_b32	364862976



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Name	Input Value		
CDD_EnergyModeState_Cnt_G_u08	2		
MfgDiagInhibit_Uls_G_lgc	0		
PrevMtrElecMechPolarity_Cnt_M_s08	-1		
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_MtrEle	1		
Name	Actual Value	Expected Value	Result
CDD_ModIdxSrlComSvcDft_Cnt_G_u16	1	1	✓
PrevMtrElecMechPolarity_Cnt_M_s08	1	1	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Damp	1	1	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_DftAs	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Drvin	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Dwnlc	-2.38077998	-2.38078	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_EOTlr	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_EOTT	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Energ	2	2	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_EngO	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_FreqC	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_FricLr	1	1	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_HysAc	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_HystC	1	1	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_KinInt	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_LimitS	1	1	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_MfgDi	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Modlc	1	1	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_MtrPa	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_MtrVe	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Multlg	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_ParkA	1	1	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_PullCo	1	1	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Return	1	1	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_RxMs	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_SrlCo	364862976	364862976	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Therm	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_TrqRr	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Whllm	1	1	✓

Test Step Call Trace				
Actual Function	Count	Expected Function	Count	Result
CDDPorts_ApplyMtrElecMechPol	1	CDDPorts_ApplyMtrElecMechPol	1	✓
CDD_ApplyPWMmtrElecMechPol	1	CDD_ApplyPWMmtrElecMechPol	1	✓

Test Step 2.21 (Repeat Count = 1)				
Name	Input Value			
CDD_DftAsstTbl_Cnt_G_lgc	0			
CDD_DwnldAsstGain_Uls_G_f32	-14.142			
CDD_EOLSrlComSvcDft_Cnt_G_b32	1029220608			
CDD_EnergyModeState_Cnt_G_u08	0			
MfgDiagInhibit_Uls_G_lgc	1			
PrevMtrElecMechPolarity_Cnt_M_s08	1			
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_MtrEle	1			
Name	Actual Value	Expected Value	Result	
CDD_ModIdxSrlComSvcDft_Cnt_G_u16	0	0	✓	
PrevMtrElecMechPolarity_Cnt_M_s08	1	1	✓	
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Damp	0	0	✓	
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_DftAs	0	0	✓	
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Drvin	1	1	✓	
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Dwnlc	-14.1420002	-14.142	✓	
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_EOTlr	0	0	✓	
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_EOTT	0	0	✓	
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Energ	0	0	✓	
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_EngO	0	0	✓	
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_FreqC	0	0	✓	
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_FricLr	1	1	✓	
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_HysAc	1	1	✓	
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_HystC	0	0	✓	
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_KinInt	0	0	✓	
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_LimitS	0	0	✓	
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_MfgDi	1	1	✓	
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Modlc	0	0	✓	
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_MtrPa	0	0	✓	
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_MtrVe	0	0	✓	



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Name	Actual Value	Expected Value	Result
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Multig	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_ParkA	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_PullC	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Return	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_RxMs	1	1	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_SrlCo	1029220608	1029220608	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Therm	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_TrqRr	1	1	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Whllr	1	1	✓

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

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## Test Case 3: Path Test

### Specification

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

TS3.1 376.00 Cycles  
TS3.2 399.00 Cycles  
TS3.3 958.00 Cycles

### Description

Vector Description:

```
TS3.1"(MtrElecMechPolarity_Cnt_T_s08 != PrevMtrElecMechPolarity_Cnt_M_s08)==>False
(D_DEFEATENGON_CNT_B32 == (CDD_EOLSrlComSvcDft_Cnt_G_b32 & D_DEFEATENGON_CNT_B32))=>False
(D_DEFEATFREQDEPDMP_CNT_B32 == (CDD_EOLSrlComSvcDft_Cnt_G_b32 & D_DEFEATFREQDEPDMP_CNT_B32))=>False
(D_DEFEATKININTDIAG_CNT_B32 == (CDD_EOLSrlComSvcDft_Cnt_G_b32 & D_DEFEATKININTDIAG_CNT_B32))=>False
(D_DEFEATTHERMALDC_CNT_B32 == (CDD_EOLSrlComSvcDft_Cnt_G_b32 & D_DEFEATTHERMALDC_CNT_B32))=>False
(D_DEFEATEOTIMPACT_CNT_B32 == (CDD_EOLSrlComSvcDft_Cnt_G_b32 & D_DEFEATEOTIMPACT_CNT_B32))=>False
(D_DEFEATEOTTHERMAL_CNT_B32 == (CDD_EOLSrlComSvcDft_Cnt_G_b32 & D_DEFEATEOTTHERMAL_CNT_B32))=>False
(D_DEFEATMTRVLRNMLRN_CNT_B32 == (CDD_EOLSrlComSvcDft_Cnt_G_b32 & D_DEFEATMTRVLRNMLRN_CNT_B32))=>False
(D_DEFEATMTRPARMLRN_CNT_B32 == (CDD_EOLSrlComSvcDft_Cnt_G_b32 & D_DEFEATMTRPARMLRN_CNT_B32))=>False
(D_DEFEATTRQRM_CNT_B32 == (CDD_EOLSrlComSvcDft_Cnt_G_b32 & D_DEFEATTRQRM_CNT_B32))=>False
(D_DEFEATMODIDX_CNT_B32 == (CDD_EOLSrlComSvcDft_Cnt_G_b32 & D_DEFEATMODIDX_CNT_B32))=>False
(D_DEFEATPULLCOMP_CNT_B32 == (CDD_EOLSrlComSvcDft_Cnt_G_b32 & D_DEFEATPULLCOMP_CNT_B32))=>False
(D_DEFEATWHLMBREJ_CNT_B32 == (CDD_EOLSrlComSvcDft_Cnt_G_b32 & D_DEFEATWHLMBREJ_CNT_B32))=>False
(D_DEFEATPARKAST_CNT_B32 == (CDD_EOLSrlComSvcDft_Cnt_G_b32 & D_DEFEATPARKAST_CNT_B32))=>False
(D_DEFEATDRIVINGDYN_CNT_B32 == (CDD_EOLSrlComSvcDft_Cnt_G_b32 & D_DEFEATDRIVINGDYN_CNT_B32))=>False
(D_DEFEATHYSTCOMP_CNT_B32 == (CDD_EOLSrlComSvcDft_Cnt_G_b32 & D_DEFEATHYSTCOMP_CNT_B32))=>False
(D_DEFEATHYSTADD_CNT_B32 == (CDD_EOLSrlComSvcDft_Cnt_G_b32 & D_DEFEATHYSTADD_CNT_B32))=>False
(D_DEFEATRETURN_CNT_B32 == (CDD_EOLSrlComSvcDft_Cnt_G_b32 & D_DEFEATRETURN_CNT_B32))=>False
(D_DEFEATDAMPING_CNT_B32 == (CDD_EOLSrlComSvcDft_Cnt_G_b32 & D_DEFEATDAMPING_CNT_B32))=>False
(D_DEFEATLIMIT_CNT_B32 == (CDD_EOLSrlComSvcDft_Cnt_G_b32 & D_DEFEATLIMIT_CNT_B32))=>False
(D_DEFEATFRICLRN_CNT_B32 == (CDD_EOLSrlComSvcDft_Cnt_G_b32 & D_DEFEATFRICLRN_CNT_B32))=>False
(D_DEFEATRXMSG_CNT_B32 == (CDD_EOLSrlComSvcDft_Cnt_G_b32 & D_DEFEATRXMSG_CNT_B32))=>False
(D_DEFEATMULTIGNMASK_CNT_B32 == (CDD_EOLSrlComSvcDft_Cnt_G_b32 & D_DEFEATMULTIGNMASK_CNT_B32))=>False
TS3.2"(D_DEFEATENGON_CNT_B32 == (CDD_EOLSrlComSvcDft_Cnt_G_b32 & D_DEFEATENGON_CNT_B32))=>True
(D_DEFEATFREQDEPDMP_CNT_B32 == (CDD_EOLSrlComSvcDft_Cnt_G_b32 & D_DEFEATFREQDEPDMP_CNT_B32))=>True
(D_DEFEATKININTDIAG_CNT_B32 == (CDD_EOLSrlComSvcDft_Cnt_G_b32 & D_DEFEATKININTDIAG_CNT_B32))=>True
(D_DEFEATTHERMALDC_CNT_B32 == (CDD_EOLSrlComSvcDft_Cnt_G_b32 & D_DEFEATTHERMALDC_CNT_B32))=>True
(D_DEFEATEOTIMPACT_CNT_B32 == (CDD_EOLSrlComSvcDft_Cnt_G_b32 & D_DEFEATEOTIMPACT_CNT_B32))=>True
(D_DEFEATEOTTHERMAL_CNT_B32 == (CDD_EOLSrlComSvcDft_Cnt_G_b32 & D_DEFEATEOTTHERMAL_CNT_B32))=>True
(D_DEFEATMTRVLRNMLRN_CNT_B32 == (CDD_EOLSrlComSvcDft_Cnt_G_b32 & D_DEFEATMTRVLRNMLRN_CNT_B32))=>True
(D_DEFEATMTRPARMLRN_CNT_B32 == (CDD_EOLSrlComSvcDft_Cnt_G_b32 & D_DEFEATMTRPARMLRN_CNT_B32))=>True
(D_DEFEATTRQRM_CNT_B32 == (CDD_EOLSrlComSvcDft_Cnt_G_b32 & D_DEFEATTRQRM_CNT_B32))=>True
(D_DEFEATMODIDX_CNT_B32 == (CDD_EOLSrlComSvcDft_Cnt_G_b32 & D_DEFEATMODIDX_CNT_B32))=>True
(D_DEFEATPULLCOMP_CNT_B32 == (CDD_EOLSrlComSvcDft_Cnt_G_b32 & D_DEFEATPULLCOMP_CNT_B32))=>True
(D_DEFEATWHLMBREJ_CNT_B32 == (CDD_EOLSrlComSvcDft_Cnt_G_b32 & D_DEFEATWHLMBREJ_CNT_B32))=>True
(D_DEFEATPARKAST_CNT_B32 == (CDD_EOLSrlComSvcDft_Cnt_G_b32 & D_DEFEATPARKAST_CNT_B32))=>True
(D_DEFEATDRIVINGDYN_CNT_B32 == (CDD_EOLSrlComSvcDft_Cnt_G_b32 & D_DEFEATDRIVINGDYN_CNT_B32))=>True
(D_DEFEATHYSTCOMP_CNT_B32 == (CDD_EOLSrlComSvcDft_Cnt_G_b32 & D_DEFEATHYSTCOMP_CNT_B32))=>True
(D_DEFEATHYSTADD_CNT_B32 == (CDD_EOLSrlComSvcDft_Cnt_G_b32 & D_DEFEATHYSTADD_CNT_B32))=>True
(D_DEFEATRETURN_CNT_B32 == (CDD_EOLSrlComSvcDft_Cnt_G_b32 & D_DEFEATRETURN_CNT_B32))=>True
(D_DEFEATDAMPING_CNT_B32 == (CDD_EOLSrlComSvcDft_Cnt_G_b32 & D_DEFEATDAMPING_CNT_B32))=>True
(D_DEFEATLIMIT_CNT_B32 == (CDD_EOLSrlComSvcDft_Cnt_G_b32 & D_DEFEATLIMIT_CNT_B32))=>True
(D_DEFEATFRICLRN_CNT_B32 == (CDD_EOLSrlComSvcDft_Cnt_G_b32 & D_DEFEATFRICLRN_CNT_B32))=>True
(D_DEFEATRXMSG_CNT_B32 == (CDD_EOLSrlComSvcDft_Cnt_G_b32 & D_DEFEATRXMSG_CNT_B32))=>True
(D_DEFEATMULTIGNMASK_CNT_B32 == (CDD_EOLSrlComSvcDft_Cnt_G_b32 & D_DEFEATMULTIGNMASK_CNT_B32))=>True
TS3.3(MtrElecMechPolarity_Cnt_T_s08 != PrevMtrElecMechPolarity_Cnt_M_s08)==>True
```

## Test Step 3.1 (Repeat Count = 1)

Name	Input Value
CDD_DftAsstTbI_Cnt_G_igc	0
CDD_DwnldAsstGain_Uls_G_f32	-16
CDD_EOLSrlComSvcDft_Cnt_G_b32	0
CDD_EnergyModeState_Cnt_G_u08	0
MfgDiagInhibit_Uls_G_igc	0
PrevMtrElecMechPolarity_Cnt_M_s08	-1
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_MtrElc	-1

Name	Actual Value	Expected Value	Result
CDD_ModIdxSrlComSvcDft_Cnt_G_u16	0	0	✓
PrevMtrElecMechPolarity_Cnt_M_s08	-1	-1	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Damp	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_DftAs	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Drivn	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Dwnld	-16	-16	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_EOTIr	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_EOTT	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Energ	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_EngO	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_FreqC	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_FricLr	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_HysAr	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_HystC	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_KinInt	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_LimitS	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_MfgDi	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Modlc	0	0	✓

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Name	Actual Value	Expected Value	Result
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_MtrPa	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_MtrVe	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_MultIlg	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_ParkA	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_PullC	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Return	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_RxMs	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_SrIco	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Therm	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_TrqRr	0	0	✓
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_WhlInr	0	0	✓

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

Test Step 3.2 (Repeat Count = 1)				
Name	Input Value			
CDD_DftAsstTbl_Cnt_G_lgc	1			
CDD_DwnldAsstGain_Uls_G_f32	16			
CDD_EOLSrIComSvcDft_Cnt_G_b32	4294967295			
CDD_EnergyModeState_Cnt_G_u08	3			
MfgDiagInhibit_Uls_G_lgc	1			
PrevMtrElecMechPolarity_Cnt_M_s08	1			
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_MtrEle	1			
Name	Actual Value	Expected Value	Result	
CDD_ModIdxSrIComSvcDft_Cnt_G_u16	1	1	✓	
PrevMtrElecMechPolarity_Cnt_M_s08	1	1	✓	
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Damp	1	1	✓	
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_DftAs	1	1	✓	
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Drivn	1	1	✓	
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Dwnlc	16	16	✓	
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_EOTIr	1	1	✓	
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_EOTT	1	1	✓	
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Energ	3	3	✓	
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_EngO	1	1	✓	
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_FreqC	1	1	✓	
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_FricLr	1	1	✓	
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_HysAr	1	1	✓	
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_HystC	1	1	✓	
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_KinInt	1	1	✓	
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_LimitS	1	1	✓	
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_MfgDi	1	1	✓	
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Modlc	1	1	✓	
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_MtrPa	1	1	✓	
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_MtrVe	1	1	✓	
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_MultIlg	1	1	✓	
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_ParkA	1	1	✓	
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_PullC	1	1	✓	
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Return	1	1	✓	
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_RxMs	1	1	✓	
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_SrIco	4294967295	4294967295	✓	
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Therm	1	1	✓	
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_TrqRr	1	1	✓	
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_WhlInr	1	1	✓	

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

Test Step 3.3 (Repeat Count = 1)				
Name	Input Value			
CDD_DftAsstTbl_Cnt_G_lgc	1			
CDD_DwnldAsstGain_Uls_G_f32	-2.98521			
CDD_EOLSrIComSvcDft_Cnt_G_b32	1972815360			
CDD_EnergyModeState_Cnt_G_u08	1			

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Name	Input Value			
MfgDiagInhibit_Uls_G_lgc	1			
PrevMtrElecMechPolarity_Cnt_M_s08	1			
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_MtrEle	-1			
Name	Actual Value	Expected Value	Result	
CDD_ModIdxSriComSvcDft_Cnt_G_u16	1	1	✓	
PrevMtrElecMechPolarity_Cnt_M_s08	-1	-1	✓	
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Damp	1	1	✓	
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_DftAs	1	1	✓	
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Drivin	0	0	✓	
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Dwnlc	-2.98520994	-2.98521	✓	
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_EOTlr	0	0	✓	
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_EOTT	0	0	✓	
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Energ	1	1	✓	
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_EngO	0	0	✓	
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_FreqC	0	0	✓	
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_FricLr	1	1	✓	
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_HysAc	1	1	✓	
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_HystC	1	1	✓	
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_KinInt	0	0	✓	
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_LimitS	1	1	✓	
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_MfgDi	1	1	✓	
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Modlc	1	1	✓	
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_MtrPa	0	0	✓	
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_MtrVe	0	0	✓	
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Multlg	1	1	✓	
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_ParkA	0	0	✓	
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_PullC	1	1	✓	
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Return	0	0	✓	
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_RxMs	0	0	✓	
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_SriCo	1972815360	1972815360	✓	
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Therm	0	0	✓	
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_TrqRr	0	0	✓	
Rte_Task_10ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per4.Rte_Whllr	0	0	✓	

Test Step Call Trace					✓
Actual Function	Count	Expected Function	Count	Result	
CDDPorts_ApplyMtrElecMechPol	1	CDDPorts_ApplyMtrElecMechPol	1	✓	
CDD_ApplyPWMtrElecMechPol	1	CDD_ApplyPWMtrElecMechPol	1	✓	

# TEST DETAILS REPORT

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CDDPorts\_ApplyMtrElecMechPol



Project	CDDInterface_FIASA
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_FIASA
Configuration File	D:\Synergy_Work_Area\CDDInterface_FIASA\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	\$(SOURCEROOT)\Sa_CDDInterface.c
Compiler Options	-D_DATA_ACCESS= -Dconst= -I\$(PROJECTROOT)\CDDInterface\utp\contract -I\$(PROJECTROOT)\NxrLib\include -I\$(PROJECTROOT)\StdDef\include -I\$(Compiler Install Path)\include

## Comments/Description/Specification

Name	Text
Module 'CDDInterface'	*****Unit Test Information *****  Name of Tester: Priyanka Shitole Code File(s) Under Test: Sa_CDDInterface.c Code File(s) Version: 4 Module Design Document: NA Module Design Document Version: NA Data Dictionary Version: 1 Unit Test Plan Version: 1 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 1.32 Total FLASH Used (Bytes): 1714 Total RAM Used (Bytes): 0 Total CALS Used (Bytes): 0 Special Test Requirements: Test Date: 6/3/2016 Comments: "Note1: Inline Function defined in GlobalMacro.h is not unit tested. Note2: ""CBD_Sandbox_dbg.map"" map file is embedded for reference." *****

## 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	\$(PROJECTROOT)\UnitTestEnv\static_build_files\sys_link.cmd
Makefile Template	\$(PROJECTROOT)\UnitTestEnv\config\Nexteer_ts_make_ude_ti_tms570_ps.tpl
Target Install Path	\$(ProgramFiles)\pls\UDE 4.4
Time Unit	cycles
Timer Enabled	false
Timer Prescale	0
Timer Resolution	1
UDE Config File	\$(PROJECTROOT)\UnitTestEnv\config\TMS570_UDE_12PIN_JTAG.cfg

# TEST DETAILS REPORT

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CDDPorts\_ApplyMtrElecMechPol



Workspace File

D:\Synergy\_Work\_Area\CDDInterface\_FIASA\UnitTestEnv\config\UDE\_TMS570\_DEBUG.WSP

## Test Case 1: Boundary Test

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

TS1.1 513.00 Cycles  
TS1.2 478.00 Cycles

**Description** Vector Description:

TS1.1All Min  
TS1.2All 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

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	✓

# TEST DETAILS REPORT

2016-06-03, 15:04:27+0530

CDDInterface\_Per2



Project	CDDInterface_FIASA
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_FIASA
Configuration File	D:\Synergy_Work_Area\CDDInterface_FIASA\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	\$(SOURCEROOT)\Sa_CDDInterface.c
Compiler Options	-D_DATA_ACCESS=-Dconst=-I\$(PROJECTROOT)\CDDInterface\utp\contract -I\$(PROJECTROOT)\NxtrLib\include -I\$(PROJECTROOT)\StdDef\include -I\$(Compiler Install Path)\include

## Comments/Description/Specification

Name	Text
Module 'CDDInterface'	*****Unit Test Information *****  Name of Tester: Priyanka Shitole Code File(s) Under Test: Sa_CDDInterface.c Code File(s) Version: 4 Module Design Document: NA Module Design Document Version: NA Data Dictionary Version: 1 Unit Test Plan Version: 1 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 1.32 Total FLASH Used (Bytes): 1714 Total RAM Used (Bytes): 0 Total CALS Used (Bytes): 0 Special Test Requirements: Test Date: 6/3/2016 Comments: "Note1: Inline Function defined in GlobalMacro.h is not unit tested. Note2: ""CBD_Sandbox_dbg.map"" map file is embedded for reference." *****

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	\$(PROJECTROOT)\UnitTestEnv\static_build_files\sys_link.cmd
Makefile Template	\$(PROJECTROOT)\UnitTestEnv\config\Nexteer_ts_make_ude_ti_tms570_ps.tpl
Target Install Path	\$(ProgramFiles)\pls\UDE 4.4
Time Unit	cycles
Timer Enabled	false
Timer Prescale	0
Timer Resolution	1
UDE Config File	\$(PROJECTROOT)\UnitTestEnv\config\TMS570_UDE_12PIN_JTAG.cfg



# TEST DETAILS REPORT

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CDDInterface\_Per2



Workspace File

D:\Synergy\_Work\_Area\CDDInterface\_FIASA\UnitTestEnv\config\UDE\_TMS570\_DEBUG.WSP

## Test Case 1: Boundary Test

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

TS1.1 88.00 Cycles  
TS1.2 88.00 Cycles  
TS1.3 88.00 Cycles  
TS1.4 88.00 Cycles  
TS1.5 88.00 Cycles  
TS1.6 88.00 Cycles  
TS1.7 88.00 Cycles  
TS1.8 88.00 Cycles  
TS1.9 88.00 Cycles  
TS1.10 88.00 Cycles  
TS1.11 88.00 Cycles  
TS1.12 88.00 Cycles  
TS1.13 88.00 Cycles  
TS1.14 88.00 Cycles  
TS1.15 88.00 Cycles  
TS1.16 88.00 Cycles  
TS1.17 88.00 Cycles  
TS1.18 88.00 Cycles  
TS1.19 88.00 Cycles  
TS1.20 88.00 Cycles  
TS1.21 88.00 Cycles  
TS1.22 88.00 Cycles  
TS1.23 88.00 Cycles  
TS1.24 88.00 Cycles  
TS1.25 88.00 Cycles  
TS1.26 88.00 Cycles  
TS1.27 88.00 Cycles  
TS1.28 88.00 Cycles  
TS1.29 88.00 Cycles  
TS1.30 88.00 Cycles  
TS1.31 88.00 Cycles  
TS1.32 88.00 Cycles  
TS1.33 88.00 Cycles  
TS1.34 88.00 Cycles

**Description** Vector Description:

TS1.1All min  
TS1.2All max  
TS1.3CDD\_AppDataFwdPthAccessBfr\_Cnt\_G\_u16==>Min  
TS1.4CDD\_AppDataFwdPthAccessBfr\_Cnt\_G\_u16==>Max  
TS1.5CDD\_AppDataFwdPthAccessBfr\_Cnt\_G\_u16==>Pos  
TS1.6CommOffset\_Cnt\_u16==>Min  
TS1.7CommOffset\_Cnt\_u16==>Max  
TS1.8CommOffset\_Cnt\_u16==>Pos  
TS1.9MRFMtrVel\_MtrRadpS\_f32==>Min  
TS1.10MRFMtrVel\_MtrRadpS\_f32==>Max  
TS1.11MRFMtrVel\_MtrRadpS\_f32==>Pos  
TS1.12MRFMtrVel\_MtrRadpS\_f32==>Zero  
TS1.13MRFMtrVel\_MtrRadpS\_f32==>Neg  
TS1.14MtrCurr1TempOffset\_Volt\_f32==>Min  
TS1.15MtrCurr1TempOffset\_Volt\_f32==>Max  
TS1.16MtrCurr1TempOffset\_Volt\_f32==>Pos  
TS1.17MtrCurr2TempOffset\_Volt\_f32==>Min  
TS1.18MtrCurr2TempOffset\_Volt\_f32==>Max  
TS1.19MtrCurr2TempOffset\_Volt\_f32==>Pos  
TS1.20MtrPosPolarity\_Cnt\_s08==>Min  
TS1.21MtrPosPolarity\_Cnt\_s08==>Max  
TS1.22MtrTrqCmdSign\_Cnt\_s16==>Min  
TS1.23MtrTrqCmdSign\_Cnt\_s16==>Max  
TS1.24MtrTrqCmdSign\_Cnt\_s16==>Pos  
TS1.25MtrTrqCmdSign\_Cnt\_s16==>Zero  
TS1.26MtrTrqCmdSign\_Cnt\_s16==>Neg  
TS1.27Rte\_Mode\_SystemState\_Mode=RTE\_MODE\_StaMd\_Mode\_DISABLE  
TS1.28Rte\_Mode\_SystemState\_Mode=RTE\_MODE\_StaMd\_Mode\_OFF  
TS1.29Rte\_Mode\_SystemState\_Mode=RTE\_MODE\_StaMd\_Mode\_OPERATE  
TS1.30Rte\_Mode\_SystemState\_Mode=RTE\_MODE\_StaMd\_Mode\_WARMINIT  
TS1.31Rte\_Mode\_SystemState\_Mode=RTE\_TRANSITION\_StaMd\_Mode  
TS1.32Vecu\_Volt\_f32==>min  
TS1.33Vecu\_Volt\_f32==>Max  
TS1.34Vecu\_Volt\_f32==>Pos

## Test Step 1.1 (Repeat Count = 1)

Name	Input Value
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	0
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	-1350
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	-1350
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	0
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	0
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	0
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	0
CDD_MtrCurrOffComOffset_Cnt_G_u16[0]	0
CDD_MtrCurrOffComOffset_Cnt_G_u16[1]	0
CDD_MtrPosPolarity_Cnt_G_s08[0]	-1
CDD_MtrPosPolarity_Cnt_G_s08[1]	-1
CDD_MtrTrqCmdSign_Cnt_G_s16[0]	-1
CDD_MtrTrqCmdSign_Cnt_G_s16[1]	-1
CDD_SysState_Cnt_G_Enum[0]	0

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Name	Input Value
CDD_SysState_Cnt_G_Enum[1]	0
CDD_Vecu_Volt_G_f32[0]	5
CDD_Vecu_Volt_G_f32[1]	5
Rte_ModeMachine_StaMd_SystemState_Mode	0
Rte_Task_2ms_10.Rte_TB.Rte_I_MtrVel_MotorVelMRF_MtrRadpS_f32.value	-1350
Rte_Task_2ms_10.Rte_TB.Rte_I_BatteryVoltage_Vecu_Volt_f32.value	5
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per2.Rte_Comm	0
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per2.Rte_MtrCur	0
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per2.Rte_MtrCur	0
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per2.Rte_MtrPos	-1
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per2.Rte_MtrTrq	-1

Name	Actual Value	Expected Value	Result
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	1	1	✓
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	-1350	-1350	✓
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	-1350	-1350	✓
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	0	0	✓
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	0	0	✓
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	0	0	✓
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	0	0	✓
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_MtrTrqCmdSign_Cnt_G_s16[0]	-1	-1	✓
CDD_MtrTrqCmdSign_Cnt_G_s16[1]	-1	-1	✓
CDD_SysState_Cnt_G_Enum[0]	0	0	✓
CDD_SysState_Cnt_G_Enum[1]	0	0	✓
CDD_Vecu_Volt_G_f32[0]	5	5	✓
CDD_Vecu_Volt_G_f32[1]	5	5	✓

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

Test Step 1.2 (Repeat Count = 1)				✓
Name		Input Value		
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16		1		
CDD_MRFMtrVel_MtrRadpS_G_f32[0]		1350		
CDD_MRFMtrVel_MtrRadpS_G_f32[1]		1350		
CDD_MtrCurr1TempOffset_Volt_G_f32[0]		5		
CDD_MtrCurr1TempOffset_Volt_G_f32[1]		5		
CDD_MtrCurr2TempOffset_Volt_G_f32[0]		5		
CDD_MtrCurr2TempOffset_Volt_G_f32[1]		5		
CDD_MtrCurrOffComOffset_Cnt_G_u16[0]		7150		
CDD_MtrCurrOffComOffset_Cnt_G_u16[1]		7150		
CDD_MtrPosPolarity_Cnt_G_s08[0]		1		
CDD_MtrPosPolarity_Cnt_G_s08[1]		1		
CDD_MtrTrqCmdSign_Cnt_G_s16[0]		1		
CDD_MtrTrqCmdSign_Cnt_G_s16[1]		1		
CDD_SysState_Cnt_G_Enum[0]		4		
CDD_SysState_Cnt_G_Enum[1]		4		
CDD_Vecu_Volt_G_f32[0]		31		
CDD_Vecu_Volt_G_f32[1]		31		
Rte_ModeMachine_StaMd_SystemState_Mode		4		
Rte_Task_2ms_10.Rte_TB.Rte_I_MtrVel_MotorVelMRF_MtrRadpS_f32.value		1350		
Rte_Task_2ms_10.Rte_TB.Rte_I_BatteryVoltage_Vecu_Volt_f32.value		31		
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per2.Rte_Comm		7150		
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per2.Rte_MtrCur		5		
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per2.Rte_MtrCur		5		
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per2.Rte_MtrPos		1		
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per2.Rte_MtrTrq		1		
Name		Actual Value	Expected Value	Result
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16		0	0	✓
CDD_MRFMtrVel_MtrRadpS_G_f32[0]		1350	1350	✓
CDD_MRFMtrVel_MtrRadpS_G_f32[1]		1350	1350	✓
CDD_MtrCurr1TempOffset_Volt_G_f32[0]		5	5	✓
CDD_MtrCurr1TempOffset_Volt_G_f32[1]		5	5	✓
CDD_MtrCurr2TempOffset_Volt_G_f32[0]		5	5	✓
CDD_MtrCurr2TempOffset_Volt_G_f32[1]		5	5	✓
CDD_MtrCurrOffComOffset_Cnt_G_u16[0]		7150	7150	✓

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CDDInterface\_Per2

Name	Actual Value	Expected Value	Result
CDD_MtrCurrOffComOffset_Cnt_G_u16[1]	7150	7150	✓
CDD_MtrPosPolarity_Cnt_G_s08[0]	1	1	✓
CDD_MtrPosPolarity_Cnt_G_s08[1]	1	1	✓
CDD_MtrTrqCmdSign_Cnt_G_s16[0]	1	1	✓
CDD_MtrTrqCmdSign_Cnt_G_s16[1]	1	1	✓
CDD_SysState_Cnt_G_Enum[0]	4	4	✓
CDD_SysState_Cnt_G_Enum[1]	4	4	✓
CDD_Vecu_Volt_G_f32[0]	31	31	✓
CDD_Vecu_Volt_G_f32[1]	31	31	✓

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
*none*	0	*** No Call Expected ***	0	✓

## Test Step 1.3 (Repeat Count = 1)

Name	Input Value
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	0
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	-1039.02002
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	-952.192017
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	3.55293989
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	4.71498013
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	3.55293989
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	0.250820011
CDD_MtrCurrOffComOffset_Cnt_G_u16[0]	3054
CDD_MtrCurrOffComOffset_Cnt_G_u16[1]	2608
CDD_MtrPosPolarity_Cnt_G_s08[0]	1
CDD_MtrPosPolarity_Cnt_G_s08[1]	1
CDD_MtrTrqCmdSign_Cnt_G_s16[0]	1
CDD_MtrTrqCmdSign_Cnt_G_s16[1]	0
CDD_SysState_Cnt_G_Enum[0]	0
CDD_SysState_Cnt_G_Enum[1]	1
CDD_Vecu_Volt_G_f32[0]	18
CDD_Vecu_Volt_G_f32[1]	13.3718004
Rte_ModeMachine_StaMd_SystemState_Mode	0
Rte_Task_2ms_10.Rte_TB.Rte_I_MtrVel_MotorVelMRF_MtrRadpS_f32.value	-952.192017
Rte_Task_2ms_10.Rte_TB.Rte_I_BatteryVoltage_Vecu_Volt_f32.value	13.3718004
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per2.Rte_Comm	2608
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per2.Rte_MtrCur	4.71498013
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per2.Rte_MtrCur	0.250820011
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per2.Rte_MtrPos	1
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per2.Rte_MtrTrq	0

Name	Actual Value	Expected Value	Result
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	1	1	✔
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	-1039.02002	-1039.02002	✔
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	-952.192017	-952.192017	✔
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	3.55293989	3.55293989	✔
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	4.71498013	4.71498013	✔
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	3.55293989	3.55293989	✔
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	0.250820011	0.250820011	✔
CDD_MtrCurrOffComOffset_Cnt_G_u16[0]	3054	3054	✔
CDD_MtrCurrOffComOffset_Cnt_G_u16[1]	2608	2608	✔
CDD_MtrPosPolarity_Cnt_G_s08[0]	1	1	✔
CDD_MtrPosPolarity_Cnt_G_s08[1]	1	1	✔
CDD_MtrTrqCmdSign_Cnt_G_s16[0]	1	1	✔
CDD_MtrTrqCmdSign_Cnt_G_s16[1]	0	0	✔
CDD_SysState_Cnt_G_Enum[0]	0	0	✔
CDD_SysState_Cnt_G_Enum[1]	0	0	✔
CDD_Vecu_Volt_G_f32[0]	18	18	✔
CDD_Vecu_Volt_G_f32[1]	13.3718004	13.3718004	✔

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
*none*	0	*** No Call Expected ***	0	✓

# TEST DETAILS REPORT

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CDDInterface\_Per2

## Test Step 1.4 (Repeat Count = 1)

Name	Input Value
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	1
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	-1194.65002
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	461.804993
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	3.01465011
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	1.89574003
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	3.01465011
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	1.89574003
CDD_MtrCurrOffComOffset_Cnt_G_u16[0]	2806
CDD_MtrCurrOffComOffset_Cnt_G_u16[1]	5061
CDD_MtrPosPolarity_Cnt_G_s08[0]	-1
CDD_MtrPosPolarity_Cnt_G_s08[1]	1
CDD_MtrTrqCmdSign_Cnt_G_s16[0]	-1
CDD_MtrTrqCmdSign_Cnt_G_s16[1]	1
CDD_SysState_Cnt_G_Enum[0]	0
CDD_SysState_Cnt_G_Enum[1]	0
CDD_Vecu_Volt_G_f32[0]	7
CDD_Vecu_Volt_G_f32[1]	21
Rte_ModeMachine_StaMd_SystemState_Mode	0
Rte_Task_2ms_10.Rte_TB.Rte_I_MtrVel_MotorVelMRF_MtrRadpS_f32.value	-131.302002
Rte_Task_2ms_10.Rte_TB.Rte_I_BatteryVoltage_Vecu_Volt_f32.value	29.9487991
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per2.Rte_Comm	4315
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per2.Rte_MtrCur	3.61689997
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per2.Rte_MtrCur	4.18684006
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per2.Rte_MtrPos	-1
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per2.Rte_MtrTrq	1

Name	Actual Value	Expected Value	Result
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	0	0	✓
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	-131.302002	-131.302002	✓
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	461.804993	461.804993	✓
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	3.61689997	3.61689997	✓
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	1.89574003	1.89574003	✓
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	4.18684006	4.18684006	✓
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	1.89574003	1.89574003	✓
CDD_MtrCurrOffComOffset_Cnt_G_u16[0]	4315	4315	✓
CDD_MtrCurrOffComOffset_Cnt_G_u16[1]	5061	5061	✓
CDD_MtrPosPolarity_Cnt_G_s08[0]	-1	-1	✓
CDD_MtrPosPolarity_Cnt_G_s08[1]	1	1	✓
CDD_MtrTrqCmdSign_Cnt_G_s16[0]	1	1	✓
CDD_MtrTrqCmdSign_Cnt_G_s16[1]	1	1	✓
CDD_SysState_Cnt_G_Enum[0]	0	0	✓
CDD_SysState_Cnt_G_Enum[1]	0	0	✓
CDD_Vecu_Volt_G_f32[0]	29.9487991	29.9487991	✓
CDD_Vecu_Volt_G_f32[1]	21	21	✓

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
*none*	0	*** No Call Expected ***	0	✓

## Test Step 1.5 (Repeat Count = 1)

Name	Input Value
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	1
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	-16.8549995
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	1260.43994
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	2.29583001
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	1.49289
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	2.29583001
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	1.49289
CDD_MtrCurrOffComOffset_Cnt_G_u16[0]	4387
CDD_MtrCurrOffComOffset_Cnt_G_u16[1]	1204
CDD_MtrPosPolarity_Cnt_G_s08[0]	1
CDD_MtrPosPolarity_Cnt_G_s08[1]	-1
CDD_MtrTrqCmdSign_Cnt_G_s16[0]	1
CDD_MtrTrqCmdSign_Cnt_G_s16[1]	-1
CDD_SysState_Cnt_G_Enum[0]	2
CDD_SysState_Cnt_G_Enum[1]	2
CDD_Vecu_Volt_G_f32[0]	9
CDD_Vecu_Volt_G_f32[1]	5
Rte_ModeMachine_StaMd_SystemState_Mode	1

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Name	Input Value		
Rte_Task_2ms_10.Rte_TB.Rte_I_MtrVel_MotorVelMRF_MtrRadpS_f32.value	1107.20996		
Rte_Task_2ms_10.Rte_TB.Rte_I_BatteryVoltage_Vecu_Volt_f32.value	28.1583004		
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per2.Rte_Comm	1169		
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per2.Rte_MtrCurr	0.768684983		
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per2.Rte_MtrCurr	3.66652989		
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per2.Rte_MtrPos	1		
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per2.Rte_MtrTrq	-1		
Name	Actual Value	Expected Value	Result
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	0	0	✓
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	1107.20996	1107.20996	✓
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	1260.43994	1260.43994	✓
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	0.768684983	0.768684983	✓
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	1.49289	1.49289	✓
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	3.66652989	3.66652989	✓
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	1.49289	1.49289	✓
CDD_MtrCurrOffComOffset_Cnt_G_u16[0]	1169	1169	✓
CDD_MtrCurrOffComOffset_Cnt_G_u16[1]	1204	1204	✓
CDD_MtrPosPolarity_Cnt_G_s08[0]	1	1	✓
CDD_MtrPosPolarity_Cnt_G_s08[1]	-1	-1	✓
CDD_MtrTrqCmdSign_Cnt_G_s16[0]	-1	-1	✓
CDD_MtrTrqCmdSign_Cnt_G_s16[1]	-1	-1	✓
CDD_SysState_Cnt_G_Enum[0]	1	1	✓
CDD_SysState_Cnt_G_Enum[1]	2	2	✓
CDD_Vecu_Volt_G_f32[0]	28.1583004	28.1583004	✓
CDD_Vecu_Volt_G_f32[1]	5	5	✓

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

Test Step 1.6 (Repeat Count = 1)				✓
Name		Input Value		
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16		1		
CDD_MRFMtrVel_MtrRadpS_G_f32[0]		-191.468994		
CDD_MRFMtrVel_MtrRadpS_G_f32[1]		1029.38		
CDD_MtrCurr1TempOffset_Volt_G_f32[0]		3.38572001		
CDD_MtrCurr1TempOffset_Volt_G_f32[1]		4.29025984		
CDD_MtrCurr2TempOffset_Volt_G_f32[0]		3.38572001		
CDD_MtrCurr2TempOffset_Volt_G_f32[1]		4.29025984		
CDD_MtrCurrOffComOffset_Cnt_G_u16[0]		4379		
CDD_MtrCurrOffComOffset_Cnt_G_u16[1]		4295		
CDD_MtrPosPolarity_Cnt_G_s08[0]		-1		
CDD_MtrPosPolarity_Cnt_G_s08[1]		1		
CDD_MtrTrqCmdSign_Cnt_G_s16[0]		-1		
CDD_MtrTrqCmdSign_Cnt_G_s16[1]		1		
CDD_SysState_Cnt_G_Enum[0]		0		
CDD_SysState_Cnt_G_Enum[1]		1		
CDD_Vecu_Volt_G_f32[0]		22		
CDD_Vecu_Volt_G_f32[1]		19		
Rte_ModeMachine_StaMd_SystemState_Mode		1		
Rte_Task_2ms_10.Rte_TB.Rte_I_MtrVel_MotorVelMRF_MtrRadpS_f32.value		299.572998		
Rte_Task_2ms_10.Rte_TB.Rte_I_BatteryVoltage_Vecu_Volt_f32.value		29.7709007		
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per2.Rte_Comm		0		
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per2.Rte_MtrCurr		1.86571002		
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per2.Rte_MtrCurr		0.250820011		
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per2.Rte_MtrPos		1		
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per2.Rte_MtrTrq		-1		
Name		Actual Value	Expected Value	Result
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16		0	0	✓
CDD_MRFMtrVel_MtrRadpS_G_f32[0]		299.572998	299.572998	✓
CDD_MRFMtrVel_MtrRadpS_G_f32[1]		1029.38	1029.38	✓
CDD_MtrCurr1TempOffset_Volt_G_f32[0]		1.86571002	1.86571002	✓
CDD_MtrCurr1TempOffset_Volt_G_f32[1]		4.29025984	4.29025984	✓
CDD_MtrCurr2TempOffset_Volt_G_f32[0]		0.250820011	0.250820011	✓
CDD_MtrCurr2TempOffset_Volt_G_f32[1]		4.29025984	4.29025984	✓
CDD_MtrCurrOffComOffset_Cnt_G_u16[0]		0	0	✓
CDD_MtrCurrOffComOffset_Cnt_G_u16[1]		4295	4295	✓
CDD_MtrPosPolarity_Cnt_G_s08[0]		1	1	✓
CDD_MtrPosPolarity_Cnt_G_s08[1]		1	1	✓
CDD_MtrTrqCmdSign_Cnt_G_s16[0]		-1	-1	✓

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Name	Actual Value	Expected Value	Result
CDD_MtrTrqCmdSign_Cnt_G_s16[1]	1	1	✓
CDD_SysState_Cnt_G_Enum[0]	1	1	✓
CDD_SysState_Cnt_G_Enum[1]	1	1	✓
CDD_Vecu_Volt_G_f32[0]	29.7709007	29.7709007	✓
CDD_Vecu_Volt_G_f32[1]	19	19	✓

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
*none*	0	*** No Call Expected ***	0	✓

## Test Step 1.7 (Repeat Count = 1)

Name	Input Value
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	0
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	-282.661011
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	582.482971
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	1.67427003
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	2.54254007
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	1.67427003
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	1.31112003
CDD_MtrCurrOffComOffset_Cnt_G_u16[0]	145
CDD_MtrCurrOffComOffset_Cnt_G_u16[1]	7150
CDD_MtrPosPolarity_Cnt_G_s08[0]	1
CDD_MtrPosPolarity_Cnt_G_s08[1]	-1
CDD_MtrTrqCmdSign_Cnt_G_s16[0]	1
CDD_MtrTrqCmdSign_Cnt_G_s16[1]	-1
CDD_SysState_Cnt_G_Enum[0]	2
CDD_SysState_Cnt_G_Enum[1]	1
CDD_Vecu_Volt_G_f32[0]	27
CDD_Vecu_Volt_G_f32[1]	21.0223999
Rte_ModeMachine_StaMd_SystemState_Mode	3
Rte_Task_2ms_10.Rte_TB.Rte_I_MtrVel_MotorVelMRF_MtrRadpS_f32.value	582.482971
Rte_Task_2ms_10.Rte_TB.Rte_I_BatteryVoltage_Vecu_Volt_f32.value	21.0223999
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per2.Rte_Comm	7150
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per2.Rte_MtrCurr	2.54254007
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per2.Rte_MtrCurr	1.31112003
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per2.Rte_MtrPos	-1
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per2.Rte_MtrTrq	-1

Name	Actual Value	Expected Value	Result
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	1	1	✓
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	-282.661011	-282.661011	✓
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	582.482971	582.482971	✓
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	1.67427003	1.67427003	✓
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	2.54254007	2.54254007	✓
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	1.67427003	1.67427003	✓
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	1.31112003	1.31112003	✓
CDD_MtrCurrOffComOffset_Cnt_G_u16[0]	145	145	✓
CDD_MtrCurrOffComOffset_Cnt_G_u16[1]	7150	7150	✓
CDD_MtrPosPolarity_Cnt_G_s08[0]	1	1	✓
CDD_MtrPosPolarity_Cnt_G_s08[1]	-1	-1	✓
CDD_MtrTrqCmdSign_Cnt_G_s16[0]	1	1	✓
CDD_MtrTrqCmdSign_Cnt_G_s16[1]	-1	-1	✓
CDD_SysState_Cnt_G_Enum[0]	2	2	✓
CDD_SysState_Cnt_G_Enum[1]	3	3	✓
CDD_Vecu_Volt_G_f32[0]	27	27	✓
CDD_Vecu_Volt_G_f32[1]	21.0223999	21.0223999	✓

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
*none*	0	*** No Call Expected ***	0	✓

## Test Step 1.8 (Repeat Count = 1)

Name	Input Value
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	0
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	-886.080994
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	-92.3256989
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	2.36141992

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Name	Input Value		
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	1.73335004		
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	2.36141992		
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	1.77063		
CDD_MtrCurrOffComOffset_Cnt_G_u16[0]	626		
CDD_MtrCurrOffComOffset_Cnt_G_u16[1]	5541		
CDD_MtrPosPolarity_Cnt_G_s08[0]	-1		
CDD_MtrPosPolarity_Cnt_G_s08[1]	-1		
CDD_MtrTrqCmdSign_Cnt_G_s16[0]	-1		
CDD_MtrTrqCmdSign_Cnt_G_s16[1]	-1		
CDD_SysState_Cnt_G_Enum[0]	3		
CDD_SysState_Cnt_G_Enum[1]	1		
CDD_Vecu_Volt_G_f32[0]	29		
CDD_Vecu_Volt_G_f32[1]	23.5622005		
Rte_ModeMachine_StaMd_SystemState_Mode	2		
Rte_Task_2ms_10.Rte_TB.Rte_I_MtrVel_MotorVelMRF_MtrRadpS_f32.value	-92.3256989		
Rte_Task_2ms_10.Rte_TB.Rte_I_BatteryVoltage_Vecu_Volt_f32.value	23.5622005		
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per2.Rte_Comm	5541		
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per2.Rte_MtrCurr	1.73335004		
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per2.Rte_MtrCurr	1.77063		
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per2.Rte_MtrPos	-1		
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per2.Rte_MtrTrq	-1		
Name	Actual Value	Expected Value	Result
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	1	1	✓
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	-886.080994	-886.080994	✓
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	-92.3256989	-92.3256989	✓
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	2.36141992	2.36141992	✓
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	1.73335004	1.73335004	✓
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	2.36141992	2.36141992	✓
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	1.77063	1.77063	✓
CDD_MtrCurrOffComOffset_Cnt_G_u16[0]	626	626	✓
CDD_MtrCurrOffComOffset_Cnt_G_u16[1]	5541	5541	✓
CDD_MtrPosPolarity_Cnt_G_s08[0]	-1	-1	✓
CDD_MtrPosPolarity_Cnt_G_s08[1]	-1	-1	✓
CDD_MtrTrqCmdSign_Cnt_G_s16[0]	-1	-1	✓
CDD_MtrTrqCmdSign_Cnt_G_s16[1]	-1	-1	✓
CDD_SysState_Cnt_G_Enum[0]	3	3	✓
CDD_SysState_Cnt_G_Enum[1]	2	2	✓
CDD_Vecu_Volt_G_f32[0]	29	29	✓
CDD_Vecu_Volt_G_f32[1]	23.5622005	23.5622005	✓

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

Test Step 1.9 (Repeat Count = 1)	
Name	Input Value
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	0
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	-966.247009
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	-1350
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	0.806077003
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	3.12197995
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	0.806077003
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	1.23109996
CDD_MtrCurrOffComOffset_Cnt_G_u16[0]	3117
CDD_MtrCurrOffComOffset_Cnt_G_u16[1]	7069
CDD_MtrPosPolarity_Cnt_G_s08[0]	1
CDD_MtrPosPolarity_Cnt_G_s08[1]	1
CDD_MtrTrqCmdSign_Cnt_G_s16[0]	1
CDD_MtrTrqCmdSign_Cnt_G_s16[1]	0
CDD_SysState_Cnt_G_Enum[0]	2
CDD_SysState_Cnt_G_Enum[1]	1
CDD_Vecu_Volt_G_f32[0]	30
CDD_Vecu_Volt_G_f32[1]	24.0664997
Rte_ModeMachine_StaMd_SystemState_Mode	2
Rte_Task_2ms_10.Rte_TB.Rte_I_MtrVel_MotorVelMRF_MtrRadpS_f32.value	-1350
Rte_Task_2ms_10.Rte_TB.Rte_I_BatteryVoltage_Vecu_Volt_f32.value	24.0664997
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per2.Rte_Comm	7069
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per2.Rte_MtrCurr	3.12197995
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per2.Rte_MtrCurr	1.23109996
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per2.Rte_MtrPos	1



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Name	Input Value		
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per2.Rte_MtrTrq	0		
Name	Actual Value	Expected Value	Result
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	1	1	✓
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	-966.247009	-966.247009	✓
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	-1350	-1350	✓
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	0.806077003	0.806077003	✓
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	3.12197995	3.12197995	✓
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	0.806077003	0.806077003	✓
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	1.23109996	1.23109996	✓
CDD_MtrCurrOffComOffset_Cnt_G_u16[0]	3117	3117	✓
CDD_MtrCurrOffComOffset_Cnt_G_u16[1]	7069	7069	✓
CDD_MtrPosPolarity_Cnt_G_s08[0]	1	1	✓
CDD_MtrPosPolarity_Cnt_G_s08[1]	1	1	✓
CDD_MtrTrqCmdSign_Cnt_G_s16[0]	1	1	✓
CDD_MtrTrqCmdSign_Cnt_G_s16[1]	0	0	✓
CDD_SysState_Cnt_G_Enum[0]	2	2	✓
CDD_SysState_Cnt_G_Enum[1]	2	2	✓
CDD_Vecu_Volt_G_f32[0]	30	30	✓
CDD_Vecu_Volt_G_f32[1]	24.0664997	24.0664997	✓

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

## Test Step 1.10 (Repeat Count = 1)

Name	Input Value		
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	0		
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	-827.492004		
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	1350		
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	1.78215003		
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	0.197907999		
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	1.78215003		
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	1.45770001		
CDD_MtrCurrOffComOffset_Cnt_G_u16[0]	1097		
CDD_MtrCurrOffComOffset_Cnt_G_u16[1]	5731		
CDD_MtrPosPolarity_Cnt_G_s08[0]	-1		
CDD_MtrPosPolarity_Cnt_G_s08[1]	-1		
CDD_MtrTrqCmdSign_Cnt_G_s16[0]	-1		
CDD_MtrTrqCmdSign_Cnt_G_s16[1]	1		
CDD_SysState_Cnt_G_Enum[0]	2		
CDD_SysState_Cnt_G_Enum[1]	1		
CDD_Vecu_Volt_G_f32[0]	25		
CDD_Vecu_Volt_G_f32[1]	20.7143993		
Rte_ModeMachine_StaMd_SystemState_Mode	2		
Rte_Task_2ms_10.Rte_TB.Rte_I_MtrVel_MotorVelMRF_MtrRadpS_f32.value	1350		
Rte_Task_2ms_10.Rte_TB.Rte_I_BatteryVoltage_Vecu_Volt_f32.value	20.7143993		
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per2.Rte_Comm	5731		
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per2.Rte_MtrCur	0.197907999		
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per2.Rte_MtrCur	1.45770001		
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per2.Rte_MtrPos	-1		
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per2.Rte_MtrTrq	1		
Name	Actual Value	Expected Value	Result
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	1	1	✓
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	-827.492004	-827.492004	✓
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	1350	1350	✓
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	1.78215003	1.78215003	✓
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	0.197907999	0.197907999	✓
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	1.78215003	1.78215003	✓
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	1.45770001	1.45770001	✓
CDD_MtrCurrOffComOffset_Cnt_G_u16[0]	1097	1097	✓
CDD_MtrCurrOffComOffset_Cnt_G_u16[1]	5731	5731	✓
CDD_MtrPosPolarity_Cnt_G_s08[0]	-1	-1	✓
CDD_MtrPosPolarity_Cnt_G_s08[1]	-1	-1	✓
CDD_MtrTrqCmdSign_Cnt_G_s16[0]	-1	-1	✓
CDD_MtrTrqCmdSign_Cnt_G_s16[1]	1	1	✓
CDD_SysState_Cnt_G_Enum[0]	2	2	✓
CDD_SysState_Cnt_G_Enum[1]	2	2	✓
CDD_Vecu_Volt_G_f32[0]	25	25	✓
CDD_Vecu_Volt_G_f32[1]	20.7143993	20.7143993	✓

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## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
*none*	0	*** No Call Expected ***	0	✓

## Test Step 1.11 (Repeat Count = 1)

Name	Input Value
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	1
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	-656.984985
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	39.8400002
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	3.87867999
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	4.3110199
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	3.87867999
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	4.3110199
CDD_MtrCurrOffComOffset_Cnt_G_u16[0]	3524
CDD_MtrCurrOffComOffset_Cnt_G_u16[1]	2114
CDD_MtrPosPolarity_Cnt_G_s08[0]	1
CDD_MtrPosPolarity_Cnt_G_s08[1]	-1
CDD_MtrTrqCmdSign_Cnt_G_s16[0]	1
CDD_MtrTrqCmdSign_Cnt_G_s16[1]	-1
CDD_SysState_Cnt_G_Enum[0]	1
CDD_SysState_Cnt_G_Enum[1]	0
CDD_Vecu_Volt_G_f32[0]	10
CDD_Vecu_Volt_G_f32[1]	10
Rte_ModeMachine_StaMd_SystemState_Mode	0
Rte_Task_2ms_10.Rte_TB.Rte_I_MtrVel_MotorVelMRF_MtrRadpS_f32.value	454.746002
Rte_Task_2ms_10.Rte_TB.Rte_I_BatteryVoltage_Vecu_Volt_f32.value	26.1818008
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per2.Rte_Comm	1694
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per2.Rte_MtrCurr	4.8696599
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per2.Rte_MtrCurr	1.57879996
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per2.Rte_MtrPos	-1
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per2.Rte_MtrTrq	-1

Name	Actual Value	Expected Value	Result
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	0	0	✓
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	454.746002	454.746002	✓
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	39.8400002	39.8400002	✓
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	4.8696599	4.8696599	✓
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	4.3110199	4.3110199	✓
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	1.57879996	1.57879996	✓
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	4.3110199	4.3110199	✓
CDD_MtrCurrOffComOffset_Cnt_G_u16[0]	1694	1694	✓
CDD_MtrCurrOffComOffset_Cnt_G_u16[1]	2114	2114	✓
CDD_MtrPosPolarity_Cnt_G_s08[0]	-1	-1	✓
CDD_MtrPosPolarity_Cnt_G_s08[1]	-1	-1	✓
CDD_MtrTrqCmdSign_Cnt_G_s16[0]	-1	-1	✓
CDD_MtrTrqCmdSign_Cnt_G_s16[1]	-1	-1	✓
CDD_SysState_Cnt_G_Enum[0]	0	0	✓
CDD_SysState_Cnt_G_Enum[1]	0	0	✓
CDD_Vecu_Volt_G_f32[0]	26.1818008	26.1818008	✓
CDD_Vecu_Volt_G_f32[1]	10	10	✓

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
*none*	0	*** No Call Expected ***	0	✓

## Test Step 1.12 (Repeat Count = 1)

Name	Input Value
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	0
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	-1313.16003
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	0
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	2.91206002
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	4.28078985
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	2.91206002
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	2.93779993
CDD_MtrCurrOffComOffset_Cnt_G_u16[0]	1204
CDD_MtrCurrOffComOffset_Cnt_G_u16[1]	3541
CDD_MtrPosPolarity_Cnt_G_s08[0]	-1
CDD_MtrPosPolarity_Cnt_G_s08[1]	1

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Name	Input Value
CDD_MtrTrqCmdSign_Cnt_G_s16[0]	-1
CDD_MtrTrqCmdSign_Cnt_G_s16[1]	1
CDD_SysState_Cnt_G_Enum[0]	1
CDD_SysState_Cnt_G_Enum[1]	3
CDD_Vecu_Volt_G_f32[0]	23
CDD_Vecu_Volt_G_f32[1]	26.8638992
Rte_ModeMachine_StaMd_SystemState_Mode	3
Rte_Task_2ms_10.Rte_TB.Rte_I_MtrVel_MotorVelMRF_MtrRadpS_f32.value	0
Rte_Task_2ms_10.Rte_TB.Rte_I_BatteryVoltage_Vecu_Volt_f32.value	26.8638992
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per2.Rte_Comm	3541
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per2.Rte_MtrCur	4.28078985
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per2.Rte_MtrCur	2.93779993
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per2.Rte_MtrPos	1
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per2.Rte_MtrTrq	1

Name	Actual Value	Expected Value	Result
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	1	1	✓
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	-1313.16003	-1313.16003	✓
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	0	0	✓
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	2.91206002	2.91206002	✓
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	4.28078985	4.28078985	✓
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	2.91206002	2.91206002	✓
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	2.93779993	2.93779993	✓
CDD_MtrCurrOffComOffset_Cnt_G_u16[0]	1204	1204	✓
CDD_MtrCurrOffComOffset_Cnt_G_u16[1]	3541	3541	✓
CDD_MtrPosPolarity_Cnt_G_s08[0]	-1	-1	✓
CDD_MtrPosPolarity_Cnt_G_s08[1]	1	1	✓
CDD_MtrTrqCmdSign_Cnt_G_s16[0]	-1	-1	✓
CDD_MtrTrqCmdSign_Cnt_G_s16[1]	1	1	✓
CDD_SysState_Cnt_G_Enum[0]	1	1	✓
CDD_SysState_Cnt_G_Enum[1]	3	3	✓
CDD_Vecu_Volt_G_f32[0]	23	23	✓
CDD_Vecu_Volt_G_f32[1]	26.8638992	26.8638992	✓

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

Test Step 1.13 (Repeat Count = 1)				
Name		Input Value		
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16		1		
CDD_MRFMtrVel_MtrRadpS_G_f32[0]		-140.389999		
CDD_MRFMtrVel_MtrRadpS_G_f32[1]		914.89801		
CDD_MtrCurr1TempOffset_Volt_G_f32[0]		2.64402008		
CDD_MtrCurr1TempOffset_Volt_G_f32[1]		2.40644002		
CDD_MtrCurr2TempOffset_Volt_G_f32[0]		2.64402008		
CDD_MtrCurr2TempOffset_Volt_G_f32[1]		2.40644002		
CDD_MtrCurrOffComOffset_Cnt_G_u16[0]		3511		
CDD_MtrCurrOffComOffset_Cnt_G_u16[1]		6009		
CDD_MtrPosPolarity_Cnt_G_s08[0]		1		
CDD_MtrPosPolarity_Cnt_G_s08[1]		-1		
CDD_MtrTrqCmdSign_Cnt_G_s16[0]		1		
CDD_MtrTrqCmdSign_Cnt_G_s16[1]		-1		
CDD_SysState_Cnt_G_Enum[0]		3		
CDD_SysState_Cnt_G_Enum[1]		3		
CDD_Vecu_Volt_G_f32[0]		7		
CDD_Vecu_Volt_G_f32[1]		15		
Rte_ModeMachine_StaMd_SystemState_Mode		4		
Rte_Task_2ms_10.Rte_TB.Rte_I_MtrVel_MotorVelMRF_MtrRadpS_f32.value		-1107.76001		
Rte_Task_2ms_10.Rte_TB.Rte_I_BatteryVoltage_Vecu_Volt_f32.value		25.8773003		
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per2.Rte_Comm		3311		
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per2.Rte_MtrCur		4.39323997		
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per2.Rte_MtrCur		0.250820011		
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per2.Rte_MtrPos		1		
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per2.Rte_MtrTrq		-1		
Name		Actual Value	Expected Value	Result
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16		0	0	
CDD_MRFMtrVel_MtrRadpS_G_f32[0]		-1107.76001	-1107.76001	
CDD_MRFMtrVel_MtrRadpS_G_f32[1]		914.89801	914.89801	
CDD_MtrCurr1TempOffset_Volt_G_f32[0]		4.39323997	4.39323997	
CDD_MtrCurr1TempOffset_Volt_G_f32[1]		2.40644002	2.40644002	

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Name	Actual Value	Expected Value	Result
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	0.250820011	0.250820011	✓
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	2.40644002	2.40644002	✓
CDD_MtrCurrOffComOffset_Cnt_G_u16[0]	3311	3311	✓
CDD_MtrCurrOffComOffset_Cnt_G_u16[1]	6009	6009	✓
CDD_MtrPosPolarity_Cnt_G_s08[0]	1	1	✓
CDD_MtrPosPolarity_Cnt_G_s08[1]	-1	-1	✓
CDD_MtrTrqCmdSign_Cnt_G_s16[0]	-1	-1	✓
CDD_MtrTrqCmdSign_Cnt_G_s16[1]	-1	-1	✓
CDD_SysState_Cnt_G_Enum[0]	4	4	✓
CDD_SysState_Cnt_G_Enum[1]	3	3	✓
CDD_Vecu_Volt_G_f32[0]	25.8773003	25.8773003	✓
CDD_Vecu_Volt_G_f32[1]	15	15	✓

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

## Test Step 1.14 (Repeat Count = 1)

Name	Input Value
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	1
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	-780.861023
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	1022.60999
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	1.25398004
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	2.99187994
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	1.25398004
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	2.99187994
CDD_MtrCurrOffComOffset_Cnt_G_u16[0]	1434
CDD_MtrCurrOffComOffset_Cnt_G_u16[1]	1797
CDD_MtrPosPolarity_Cnt_G_s08[0]	-1
CDD_MtrPosPolarity_Cnt_G_s08[1]	1
CDD_MtrTrqCmdSign_Cnt_G_s16[0]	-1
CDD_MtrTrqCmdSign_Cnt_G_s16[1]	1
CDD_SysState_Cnt_G_Enum[0]	2
CDD_SysState_Cnt_G_Enum[1]	1
CDD_Vecu_Volt_G_f32[0]	9
CDD_Vecu_Volt_G_f32[1]	17
Rte_ModeMachine_StaMd_SystemState_Mode	2
Rte_Task_2ms_10.Rte_TB.Rte_I_MtrVel_MotorVelMRF_MtrRadpS_f32.value	-1127.05005
Rte_Task_2ms_10.Rte_TB.Rte_I_BatteryVoltage_Vecu_Volt_f32.value	30.7206993
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per2.Rte_Comm	132
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per2.Rte_MtrCurr	0
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per2.Rte_MtrCurr	3.92617989
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per2.Rte_MtrPos	1
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per2.Rte_MtrTrq	-1

Name	Actual Value	Expected Value	Result
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	0	0	✓
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	-1127.05005	-1127.05005	✓
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	1022.60999	1022.60999	✓
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	0	0	✓
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	2.99187994	2.99187994	✓
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	3.92617989	3.92617989	✓
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	2.99187994	2.99187994	✓
CDD_MtrCurrOffComOffset_Cnt_G_u16[0]	132	132	✓
CDD_MtrCurrOffComOffset_Cnt_G_u16[1]	1797	1797	✓
CDD_MtrPosPolarity_Cnt_G_s08[0]	1	1	✓
CDD_MtrPosPolarity_Cnt_G_s08[1]	1	1	✓
CDD_MtrTrqCmdSign_Cnt_G_s16[0]	-1	-1	✓
CDD_MtrTrqCmdSign_Cnt_G_s16[1]	1	1	✓
CDD_SysState_Cnt_G_Enum[0]	2	2	✓
CDD_SysState_Cnt_G_Enum[1]	1	1	✓
CDD_Vecu_Volt_G_f32[0]	30.7206993	30.7206993	✓
CDD_Vecu_Volt_G_f32[1]	17	17	✓

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

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## Test Step 1.15 (Repeat Count = 1)

Name	Input Value
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	1
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	-1326.69995
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	695.132996
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	1.86127996
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	1.91262996
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	1.86127996
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	1.91262996
CDD_MtrCurrOffComOffset_Cnt_G_u16[0]	1538
CDD_MtrCurrOffComOffset_Cnt_G_u16[1]	4179
CDD_MtrPosPolarity_Cnt_G_s08[0]	1
CDD_MtrPosPolarity_Cnt_G_s08[1]	-1
CDD_MtrTrqCmdSign_Cnt_G_s16[0]	1
CDD_MtrTrqCmdSign_Cnt_G_s16[1]	-1
CDD_SysState_Cnt_G_Enum[0]	1
CDD_SysState_Cnt_G_Enum[1]	1
CDD_Vecu_Volt_G_f32[0]	24
CDD_Vecu_Volt_G_f32[1]	19
Rte_ModeMachine_StaMd_SystemState_Mode	4
Rte_Task_2ms_10.Rte_TB.Rte_I_MtrVel_MotorVelMRF_MtrRadpS_f32.value	1207.82996
Rte_Task_2ms_10.Rte_TB.Rte_I_BatteryVoltage_Vecu_Volt_f32.value	22.3521996
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per2.Rte_Comm	6530
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per2.Rte_MtrCur	5
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per2.Rte_MtrCur	0.250820011
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per2.Rte_MtrPos	-1
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per2.Rte_MtrTrq	1

Name	Actual Value	Expected Value	Result
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	0	0	✓
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	1207.82996	1207.82996	✓
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	695.132996	695.132996	✓
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	5	5	✓
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	1.91262996	1.91262996	✓
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	0.250820011	0.250820011	✓
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	1.91262996	1.91262996	✓
CDD_MtrCurrOffComOffset_Cnt_G_u16[0]	6530	6530	✓
CDD_MtrCurrOffComOffset_Cnt_G_u16[1]	4179	4179	✓
CDD_MtrPosPolarity_Cnt_G_s08[0]	-1	-1	✓
CDD_MtrPosPolarity_Cnt_G_s08[1]	-1	-1	✓
CDD_MtrTrqCmdSign_Cnt_G_s16[0]	1	1	✓
CDD_MtrTrqCmdSign_Cnt_G_s16[1]	-1	-1	✓
CDD_SysState_Cnt_G_Enum[0]	4	4	✓
CDD_SysState_Cnt_G_Enum[1]	1	1	✓
CDD_Vecu_Volt_G_f32[0]	22.3521996	22.3521996	✓
CDD_Vecu_Volt_G_f32[1]	19	19	✓

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
*none*	0	*** No Call Expected ***	0	✓

## Test Step 1.16 (Repeat Count = 1)

Name	Input Value
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	1
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	-450.973999
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	956.833008
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	2.32728004
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	0.990696013
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	2.32728004
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	0.990696013
CDD_MtrCurrOffComOffset_Cnt_G_u16[0]	2758
CDD_MtrCurrOffComOffset_Cnt_G_u16[1]	6362
CDD_MtrPosPolarity_Cnt_G_s08[0]	-1
CDD_MtrPosPolarity_Cnt_G_s08[1]	1
CDD_MtrTrqCmdSign_Cnt_G_s16[0]	-1
CDD_MtrTrqCmdSign_Cnt_G_s16[1]	1
CDD_SysState_Cnt_G_Enum[0]	0
CDD_SysState_Cnt_G_Enum[1]	3
CDD_Vecu_Volt_G_f32[0]	9
CDD_Vecu_Volt_G_f32[1]	10
Rte_ModeMachine_StaMd_SystemState_Mode	3

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Name	Input Value		
Rte_Task_2ms_10.Rte_TB.Rte_I_MtrVel_MotorVelMRF_MtrRadpS_f32.value	-458.299011		
Rte_Task_2ms_10.Rte_TB.Rte_I_BatteryVoltage_Vecu_Volt_f32.value	20.5351009		
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per2.Rte_Comm	5251		
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per2.Rte_MtrCurr	3.5545001		
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per2.Rte_MtrCurr	0.828881979		
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per2.Rte_MtrPos	1		
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per2.Rte_MtrTrq	-1		
Name	Actual Value	Expected Value	Result
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	0	0	✓
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	-458.299011	-458.299011	✓
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	956.833008	956.833008	✓
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	3.5545001	3.5545001	✓
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	0.990696013	0.990696013	✓
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	0.828881979	0.828881979	✓
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	0.990696013	0.990696013	✓
CDD_MtrCurrOffComOffset_Cnt_G_u16[0]	5251	5251	✓
CDD_MtrCurrOffComOffset_Cnt_G_u16[1]	6362	6362	✓
CDD_MtrPosPolarity_Cnt_G_s08[0]	1	1	✓
CDD_MtrPosPolarity_Cnt_G_s08[1]	1	1	✓
CDD_MtrTrqCmdSign_Cnt_G_s16[0]	-1	-1	✓
CDD_MtrTrqCmdSign_Cnt_G_s16[1]	1	1	✓
CDD_SysState_Cnt_G_Enum[0]	3	3	✓
CDD_SysState_Cnt_G_Enum[1]	3	3	✓
CDD_Vecu_Volt_G_f32[0]	20.5351009	20.5351009	✓
CDD_Vecu_Volt_G_f32[1]	10	10	✓

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

Test Step 1.17 (Repeat Count = 1)				✓
Name		Input Value		
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16		1		
CDD_MRFMtrVel_MtrRadpS_G_f32[0]		-1204.5		
CDD_MRFMtrVel_MtrRadpS_G_f32[1]		428.871002		
CDD_MtrCurr1TempOffset_Volt_G_f32[0]		3.53718996		
CDD_MtrCurr1TempOffset_Volt_G_f32[1]		4.34743023		
CDD_MtrCurr2TempOffset_Volt_G_f32[0]		3.53718996		
CDD_MtrCurr2TempOffset_Volt_G_f32[1]		4.34743023		
CDD_MtrCurrOffComOffset_Cnt_G_u16[0]		4613		
CDD_MtrCurrOffComOffset_Cnt_G_u16[1]		2400		
CDD_MtrPosPolarity_Cnt_G_s08[0]		1		
CDD_MtrPosPolarity_Cnt_G_s08[1]		-1		
CDD_MtrTrqCmdSign_Cnt_G_s16[0]		1		
CDD_MtrTrqCmdSign_Cnt_G_s16[1]		-1		
CDD_SysState_Cnt_G_Enum[0]		3		
CDD_SysState_Cnt_G_Enum[1]		0		
CDD_Vecu_Volt_G_f32[0]		29		
CDD_Vecu_Volt_G_f32[1]		30		
Rte_ModeMachine_StaMd_SystemState_Mode		0		
Rte_Task_2ms_10.Rte_TB.Rte_I_MtrVel_MotorVelMRF_MtrRadpS_f32.value		-840.299988		
Rte_Task_2ms_10.Rte_TB.Rte_I_BatteryVoltage_Vecu_Volt_f32.value		24.0664997		
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per2.Rte_Comm		1375		
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per2.Rte_MtrCun		4.36310005		
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per2.Rte_MtrCun		0		
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per2.Rte_MtrPos		-1		
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per2.Rte_MtrTrq		-1		
Name		Actual Value	Expected Value	Result
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16		0	0	✓
CDD_MRFMtrVel_MtrRadpS_G_f32[0]		-840.299988	-840.299988	✓
CDD_MRFMtrVel_MtrRadpS_G_f32[1]		428.871002	428.871002	✓
CDD_MtrCurr1TempOffset_Volt_G_f32[0]		4.36310005	4.36310005	✓
CDD_MtrCurr1TempOffset_Volt_G_f32[1]		4.34743023	4.34743023	✓
CDD_MtrCurr2TempOffset_Volt_G_f32[0]		0	0	✓
CDD_MtrCurr2TempOffset_Volt_G_f32[1]		4.34743023	4.34743023	✓
CDD_MtrCurrOffComOffset_Cnt_G_u16[0]		1375	1375	✓
CDD_MtrCurrOffComOffset_Cnt_G_u16[1]		2400	2400	✓
CDD_MtrPosPolarity_Cnt_G_s08[0]		-1	-1	✓
CDD_MtrPosPolarity_Cnt_G_s08[1]		-1	-1	✓
CDD_MtrTrqCmdSign_Cnt_G_s16[0]		-1	-1	✓

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Name	Actual Value	Expected Value	Result
CDD_MtrTrqCmdSign_Cnt_G_s16[1]	-1	-1	✓
CDD_SysState_Cnt_G_Enum[0]	0	0	✓
CDD_SysState_Cnt_G_Enum[1]	0	0	✓
CDD_Vecu_Volt_G_f32[0]	24.0664997	24.0664997	✓
CDD_Vecu_Volt_G_f32[1]	30	30	✓

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
*none*	0	*** No Call Expected ***	0	✓

## Test Step 1.18 (Repeat Count = 1)

Name	Input Value
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	1
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	-836.937988
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	73.8448029
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	4.20215988
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	1.71273005
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	4.20215988
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	1.71273005
CDD_MtrCurrOffComOffset_Cnt_G_u16[0]	5986
CDD_MtrCurrOffComOffset_Cnt_G_u16[1]	3273
CDD_MtrPosPolarity_Cnt_G_s08[0]	-1
CDD_MtrPosPolarity_Cnt_G_s08[1]	1
CDD_MtrTrqCmdSign_Cnt_G_s16[0]	-1
CDD_MtrTrqCmdSign_Cnt_G_s16[1]	1
CDD_SysState_Cnt_G_Enum[0]	0
CDD_SysState_Cnt_G_Enum[1]	2
CDD_Vecu_Volt_G_f32[0]	15
CDD_Vecu_Volt_G_f32[1]	16
Rte_ModeMachine_StaMd_SystemState_Mode	2
Rte_Task_2ms_10.Rte_TB.Rte_I_MtrVel_MotorVelMRF_MtrRadpS_f32.value	747.35199
Rte_Task_2ms_10.Rte_TB.Rte_I_BatteryVoltage_Vecu_Volt_f32.value	24.2945995
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per2.Rte_Comm	5300
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per2.Rte_MtrCun	2.73531008
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per2.Rte_MtrCun	5
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per2.Rte_MtrPos	-1
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per2.Rte_MtrTrq	0

Name	Actual Value	Expected Value	Result
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	0	0	✓
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	747.35199	747.35199	✓
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	73.8448029	73.8448029	✓
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	2.73531008	2.73531008	✓
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	1.71273005	1.71273005	✓
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	5	5	✓
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	1.71273005	1.71273005	✓
CDD_MtrCurrOffComOffset_Cnt_G_u16[0]	5300	5300	✓
CDD_MtrCurrOffComOffset_Cnt_G_u16[1]	3273	3273	✓
CDD_MtrPosPolarity_Cnt_G_s08[0]	-1	-1	✓
CDD_MtrPosPolarity_Cnt_G_s08[1]	1	1	✓
CDD_MtrTrqCmdSign_Cnt_G_s16[0]	0	0	✓
CDD_MtrTrqCmdSign_Cnt_G_s16[1]	1	1	✓
CDD_SysState_Cnt_G_Enum[0]	2	2	✓
CDD_SysState_Cnt_G_Enum[1]	2	2	✓
CDD_Vecu_Volt_G_f32[0]	24.2945995	24.2945995	✓
CDD_Vecu_Volt_G_f32[1]	16	16	✓

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
*none*	0	*** No Call Expected ***	0	✓

## Test Step 1.19 (Repeat Count = 1)

Name	Input Value
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	1
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	-902.63501
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	863.776978
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	4.62017012



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Name	Input Value		
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	4.56127977		
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	4.62017012		
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	4.56127977		
CDD_MtrCurrOffComOffset_Cnt_G_u16[0]	1702		
CDD_MtrCurrOffComOffset_Cnt_G_u16[1]	1231		
CDD_MtrPosPolarity_Cnt_G_s08[0]	1		
CDD_MtrPosPolarity_Cnt_G_s08[1]	-1		
CDD_MtrTrqCmdSign_Cnt_G_s16[0]	1		
CDD_MtrTrqCmdSign_Cnt_G_s16[1]	-1		
CDD_SysState_Cnt_G_Enum[0]	1		
CDD_SysState_Cnt_G_Enum[1]	0		
CDD_Vecu_Volt_G_f32[0]	10		
CDD_Vecu_Volt_G_f32[1]	24		
Rte_ModeMachine_StaMd_SystemState_Mode	2		
Rte_Task_2ms_10.Rte_TB.Rte_I_MtrVel_MotorVelMRF_MtrRadpS_f32.value	1243.14001		
Rte_Task_2ms_10.Rte_TB.Rte_I_BatteryVoltage_Vecu_Volt_f32.value	29.9566002		
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per2.Rte_Comm	1885		
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per2.Rte_MtrCurr	0.441742003		
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per2.Rte_MtrCurr	3.5453999		
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per2.Rte_MtrPos	1		
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per2.Rte_MtrTrq	-1		
Name	Actual Value	Expected Value	Result
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	0	0	✓
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	1243.14001	1243.14001	✓
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	863.776978	863.776978	✓
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	0.441742003	0.441742003	✓
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	4.56127977	4.56127977	✓
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	3.5453999	3.5453999	✓
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	4.56127977	4.56127977	✓
CDD_MtrCurrOffComOffset_Cnt_G_u16[0]	1885	1885	✓
CDD_MtrCurrOffComOffset_Cnt_G_u16[1]	1231	1231	✓
CDD_MtrPosPolarity_Cnt_G_s08[0]	1	1	✓
CDD_MtrPosPolarity_Cnt_G_s08[1]	-1	-1	✓
CDD_MtrTrqCmdSign_Cnt_G_s16[0]	-1	-1	✓
CDD_MtrTrqCmdSign_Cnt_G_s16[1]	-1	-1	✓
CDD_SysState_Cnt_G_Enum[0]	2	2	✓
CDD_SysState_Cnt_G_Enum[1]	0	0	✓
CDD_Vecu_Volt_G_f32[0]	29.9566002	29.9566002	✓
CDD_Vecu_Volt_G_f32[1]	24	24	✓

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

Test Step 1.20 (Repeat Count = 1)	
Name	Input Value
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	1
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	-664.866028
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	525.135986
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	0.699694991
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	1.03612006
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	0.699694991
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	1.03612006
CDD_MtrCurrOffComOffset_Cnt_G_u16[0]	4184
CDD_MtrCurrOffComOffset_Cnt_G_u16[1]	6922
CDD_MtrPosPolarity_Cnt_G_s08[0]	-1
CDD_MtrPosPolarity_Cnt_G_s08[1]	1
CDD_MtrTrqCmdSign_Cnt_G_s16[0]	-1
CDD_MtrTrqCmdSign_Cnt_G_s16[1]	1
CDD_SysState_Cnt_G_Enum[0]	3
CDD_SysState_Cnt_G_Enum[1]	0
CDD_Vecu_Volt_G_f32[0]	12
CDD_Vecu_Volt_G_f32[1]	12
Rte_ModeMachine_StaMd_SystemState_Mode	1
Rte_Task_2ms_10.Rte_TB.Rte_I_MtrVel_MotorVelMRF_MtrRadpS_f32.value	-658.497986
Rte_Task_2ms_10.Rte_TB.Rte_I_BatteryVoltage_Vecu_Volt_f32.value	12.4942999
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per2.Rte_Comm	2694
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per2.Rte_MtrCurr	4.81072998
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per2.Rte_MtrCurr	0.250820011
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per2.Rte_MtrPos	-1



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Name	Input Value		
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per2.Rte_MtrTrq	0		
Name	Actual Value	Expected Value	Result
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	0	0	✓
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	-658.497986	-658.497986	✓
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	525.135986	525.135986	✓
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	4.81072998	4.81072998	✓
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	1.03612006	1.03612006	✓
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	0.250820011	0.250820011	✓
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	1.03612006	1.03612006	✓
CDD_MtrCurrOffComOffset_Cnt_G_u16[0]	2694	2694	✓
CDD_MtrCurrOffComOffset_Cnt_G_u16[1]	6922	6922	✓
CDD_MtrPosPolarity_Cnt_G_s08[0]	-1	-1	✓
CDD_MtrPosPolarity_Cnt_G_s08[1]	1	1	✓
CDD_MtrTrqCmdSign_Cnt_G_s16[0]	0	0	✓
CDD_MtrTrqCmdSign_Cnt_G_s16[1]	1	1	✓
CDD_SysState_Cnt_G_Enum[0]	1	1	✓
CDD_SysState_Cnt_G_Enum[1]	0	0	✓
CDD_Vecu_Volt_G_f32[0]	12.4942999	12.4942999	✓
CDD_Vecu_Volt_G_f32[1]	12	12	✓

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

Test Step 1.21 (Repeat Count = 1)				
Name	Input Value			
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	0			
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	-29.5091			
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	718.439026			
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	2.96669006			
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	4.76337004			
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	2.96669006			
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	0.657562017			
CDD_MtrCurrOffComOffset_Cnt_G_u16[0]	4418			
CDD_MtrCurrOffComOffset_Cnt_G_u16[1]	3107			
CDD_MtrPosPolarity_Cnt_G_s08[0]	1			
CDD_MtrPosPolarity_Cnt_G_s08[1]	1			
CDD_MtrTrqCmdSign_Cnt_G_s16[0]	1			
CDD_MtrTrqCmdSign_Cnt_G_s16[1]	-1			
CDD_SysState_Cnt_G_Enum[0]	3			
CDD_SysState_Cnt_G_Enum[1]	1			
CDD_Vecu_Volt_G_f32[0]	25			
CDD_Vecu_Volt_G_f32[1]	10.6225004			
Rte_ModeMachine_StaMd_SystemState_Mode	1			
Rte_Task_2ms_10.Rte_TB.Rte_I_MtrVel_MotorVelMRF_MtrRadpS_f32.value	718.439026			
Rte_Task_2ms_10.Rte_TB.Rte_I_BatteryVoltage_Vecu_Volt_f32.value	10.6225004			
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per2.Rte_Comm	3107			
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per2.Rte_MtrCur	4.76337004			
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per2.Rte_MtrCur	0.657562017			
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per2.Rte_MtrPos	1			
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per2.Rte_MtrTrq	-1			
Name	Actual Value	Expected Value	Result	
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	1	1	✓	
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	-29.5091	-29.5091	✓	
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	718.439026	718.439026	✓	
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	2.96669006	2.96669006	✓	
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	4.76337004	4.76337004	✓	
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	2.96669006	2.96669006	✓	
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	0.657562017	0.657562017	✓	
CDD_MtrCurrOffComOffset_Cnt_G_u16[0]	4418	4418	✓	
CDD_MtrCurrOffComOffset_Cnt_G_u16[1]	3107	3107	✓	
CDD_MtrPosPolarity_Cnt_G_s08[0]	1	1	✓	
CDD_MtrPosPolarity_Cnt_G_s08[1]	1	1	✓	
CDD_MtrTrqCmdSign_Cnt_G_s16[0]	1	1	✓	
CDD_MtrTrqCmdSign_Cnt_G_s16[1]	-1	-1	✓	
CDD_SysState_Cnt_G_Enum[0]	3	3	✓	
CDD_SysState_Cnt_G_Enum[1]	1	1	✓	
CDD_Vecu_Volt_G_f32[0]	25	25	✓	
CDD_Vecu_Volt_G_f32[1]	10.6225004	10.6225004	✓	

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## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
*none*	0	*** No Call Expected ***	0	✓

## Test Step 1.22 (Repeat Count = 1)

Name	Input Value
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	0
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	-384.337006
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	1203.10999
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	1.60235
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	3.37077999
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	1.60235
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	2.49700999
CDD_MtrCurrOffComOffset_Cnt_G_u16[0]	6038
CDD_MtrCurrOffComOffset_Cnt_G_u16[1]	2623
CDD_MtrPosPolarity_Cnt_G_s08[0]	-1
CDD_MtrPosPolarity_Cnt_G_s08[1]	1
CDD_MtrTrqCmdSign_Cnt_G_s16[0]	-1
CDD_MtrTrqCmdSign_Cnt_G_s16[1]	-1
CDD_SysState_Cnt_G_Enum[0]	3
CDD_SysState_Cnt_G_Enum[1]	0
CDD_Vecu_Volt_G_f32[0]	31
CDD_Vecu_Volt_G_f32[1]	20.5625
Rte_ModeMachine_StaMd_SystemState_Mode	3
Rte_Task_2ms_10.Rte_TB.Rte_I_MtrVel_MotorVelMRF_MtrRadpS_f32.value	1203.10999
Rte_Task_2ms_10.Rte_TB.Rte_I_BatteryVoltage_Vecu_Volt_f32.value	20.5625
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per2.Rte_Comm	2623
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per2.Rte_MtrCurr	3.37077999
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per2.Rte_MtrCurr	2.49700999
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per2.Rte_MtrPos	1
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per2.Rte_MtrTrq	-1

Name	Actual Value	Expected Value	Result
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	1	1	✓
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	-384.337006	-384.337006	✓
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	1203.10999	1203.10999	✓
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	1.60235	1.60235	✓
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	3.37077999	3.37077999	✓
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	1.60235	1.60235	✓
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	2.49700999	2.49700999	✓
CDD_MtrCurrOffComOffset_Cnt_G_u16[0]	6038	6038	✓
CDD_MtrCurrOffComOffset_Cnt_G_u16[1]	2623	2623	✓
CDD_MtrPosPolarity_Cnt_G_s08[0]	-1	-1	✓
CDD_MtrPosPolarity_Cnt_G_s08[1]	1	1	✓
CDD_MtrTrqCmdSign_Cnt_G_s16[0]	-1	-1	✓
CDD_MtrTrqCmdSign_Cnt_G_s16[1]	-1	-1	✓
CDD_SysState_Cnt_G_Enum[0]	3	3	✓
CDD_SysState_Cnt_G_Enum[1]	3	3	✓
CDD_Vecu_Volt_G_f32[0]	31	31	✓
CDD_Vecu_Volt_G_f32[1]	20.5625	20.5625	✓

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
*none*	0	*** No Call Expected ***	0	✓

## Test Step 1.23 (Repeat Count = 1)

Name	Input Value
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	1
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	-750.877991
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	-5.8327899
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	4.11789989
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	1.10511005
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	4.11789989
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	1.10511005
CDD_MtrCurrOffComOffset_Cnt_G_u16[0]	672
CDD_MtrCurrOffComOffset_Cnt_G_u16[1]	3353
CDD_MtrPosPolarity_Cnt_G_s08[0]	1
CDD_MtrPosPolarity_Cnt_G_s08[1]	-1

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Name	Input Value
CDD_MtrTrqCmdSign_Cnt_G_s16[0]	1
CDD_MtrTrqCmdSign_Cnt_G_s16[1]	-1
CDD_SysState_Cnt_G_Enum[0]	2
CDD_SysState_Cnt_G_Enum[1]	2
CDD_Vecu_Volt_G_f32[0]	15
CDD_Vecu_Volt_G_f32[1]	18
Rte_ModeMachine_StaMd_SystemState_Mode	1
Rte_Task_2ms_10.Rte_TB.Rte_I_MtrVel_MotorVelMRF_MtrRadpS_f32.value	653.482971
Rte_Task_2ms_10.Rte_TB.Rte_I_BatteryVoltage_Vecu_Volt_f32.value	28.7024002
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per2.Rte_Comm	693
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per2.Rte_MtrCur	0.441742003
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per2.Rte_MtrCur	1.41585004
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per2.Rte_MtrPos	1
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per2.Rte_MtrTrq	1

Name	Actual Value	Expected Value	Result
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	0	0	✓
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	653.482971	653.482971	✓
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	-5.8327899	-5.8327899	✓
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	0.441742003	0.441742003	✓
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	1.10511005	1.10511005	✓
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	1.41585004	1.41585004	✓
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	1.10511005	1.10511005	✓
CDD_MtrCurrOffComOffset_Cnt_G_u16[0]	693	693	✓
CDD_MtrCurrOffComOffset_Cnt_G_u16[1]	3353	3353	✓
CDD_MtrPosPolarity_Cnt_G_s08[0]	1	1	✓
CDD_MtrPosPolarity_Cnt_G_s08[1]	-1	-1	✓
CDD_MtrTrqCmdSign_Cnt_G_s16[0]	1	1	✓
CDD_MtrTrqCmdSign_Cnt_G_s16[1]	-1	-1	✓
CDD_SysState_Cnt_G_Enum[0]	1	1	✓
CDD_SysState_Cnt_G_Enum[1]	2	2	✓
CDD_Vecu_Volt_G_f32[0]	28.7024002	28.7024002	✓
CDD_Vecu_Volt_G_f32[1]	18	18	✓

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

Test Step 1.24 (Repeat Count = 1)				✓
Name		Input Value		
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16		1		
CDD_MRFMtrVel_MtrRadpS_G_f32[0]		-506.942993		
CDD_MRFMtrVel_MtrRadpS_G_f32[1]		489.006012		
CDD_MtrCurr1TempOffset_Volt_G_f32[0]		4.23248005		
CDD_MtrCurr1TempOffset_Volt_G_f32[1]		4.34561014		
CDD_MtrCurr2TempOffset_Volt_G_f32[0]		4.23248005		
CDD_MtrCurr2TempOffset_Volt_G_f32[1]		4.34561014		
CDD_MtrCurrOffComOffset_Cnt_G_u16[0]		4365		
CDD_MtrCurrOffComOffset_Cnt_G_u16[1]		1567		
CDD_MtrPosPolarity_Cnt_G_s08[0]		-1		
CDD_MtrPosPolarity_Cnt_G_s08[1]		1		
CDD_MtrTrqCmdSign_Cnt_G_s16[0]		-1		
CDD_MtrTrqCmdSign_Cnt_G_s16[1]		1		
CDD_SysState_Cnt_G_Enum[0]		1		
CDD_SysState_Cnt_G_Enum[1]		1		
CDD_Vecu_Volt_G_f32[0]		18		
CDD_Vecu_Volt_G_f32[1]		8		
Rte_ModeMachine_StaMd_SystemState_Mode		3		
Rte_Task_2ms_10.Rte_TB.Rte_I_MtrVel_MotorVelMRF_MtrRadpS_f32.value		972.143982		
Rte_Task_2ms_10.Rte_TB.Rte_I_BatteryVoltage_Vecu_Volt_f32.value		21.5450993		
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per2.Rte_Comm		418		
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per2.Rte_MtrCur		1.16745996		
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per2.Rte_MtrCur		2.43678999		
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per2.Rte_MtrPos		-1		
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per2.Rte_MtrTrq		1		
Name		Actual Value	Expected Value	Result
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16		0	0	✓
CDD_MRFMtrVel_MtrRadpS_G_f32[0]		972.143982	972.143982	✓
CDD_MRFMtrVel_MtrRadpS_G_f32[1]		489.006012	489.006012	✓
CDD_MtrCurr1TempOffset_Volt_G_f32[0]		1.16745996	1.16745996	✓
CDD_MtrCurr1TempOffset_Volt_G_f32[1]		4.34561014	4.34561014	✓

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Name	Actual Value	Expected Value	Result
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	2.43678999	2.43678999	✓
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	4.34561014	4.34561014	✓
CDD_MtrCurrOffComOffset_Cnt_G_u16[0]	418	418	✓
CDD_MtrCurrOffComOffset_Cnt_G_u16[1]	1567	1567	✓
CDD_MtrPosPolarity_Cnt_G_s08[0]	-1	-1	✓
CDD_MtrPosPolarity_Cnt_G_s08[1]	1	1	✓
CDD_MtrTrqCmdSign_Cnt_G_s16[0]	1	1	✓
CDD_MtrTrqCmdSign_Cnt_G_s16[1]	1	1	✓
CDD_SysState_Cnt_G_Enum[0]	3	3	✓
CDD_SysState_Cnt_G_Enum[1]	1	1	✓
CDD_Vecu_Volt_G_f32[0]	21.5450993	21.5450993	✓
CDD_Vecu_Volt_G_f32[1]	8	8	✓

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

## Test Step 1.25 (Repeat Count = 1)

Name	Input Value
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	1
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	-591.851013
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	80.7081985
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	0.479669005
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	4.14370012
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	0.479669005
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	4.14370012
CDD_MtrCurrOffComOffset_Cnt_G_u16[0]	4264
CDD_MtrCurrOffComOffset_Cnt_G_u16[1]	4415
CDD_MtrPosPolarity_Cnt_G_s08[0]	1
CDD_MtrPosPolarity_Cnt_G_s08[1]	-1
CDD_MtrTrqCmdSign_Cnt_G_s16[0]	1
CDD_MtrTrqCmdSign_Cnt_G_s16[1]	-1
CDD_SysState_Cnt_G_Enum[0]	2
CDD_SysState_Cnt_G_Enum[1]	0
CDD_Vecu_Volt_G_f32[0]	7
CDD_Vecu_Volt_G_f32[1]	21
Rte_ModeMachine_StaMd_SystemState_Mode	2
Rte_Task_2ms_10.Rte_TB.Rte_I_MtrVel_MotorVelMRF_MtrRadpS_f32.value	461.765991
Rte_Task_2ms_10.Rte_TB.Rte_I_BatteryVoltage_Vecu_Volt_f32.value	9.79251957
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per2.Rte_Comm	6482
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per2.Rte_MtrCurr	0.299508989
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per2.Rte_MtrCurr	4.16656017
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per2.Rte_MtrPos	1
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per2.Rte_MtrTrq	0

Name	Actual Value	Expected Value	Result
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	0	0	✓
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	461.765991	461.765991	✓
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	80.7081985	80.7081985	✓
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	0.299508989	0.299508989	✓
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	4.14370012	4.14370012	✓
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	4.16656017	4.16656017	✓
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	4.14370012	4.14370012	✓
CDD_MtrCurrOffComOffset_Cnt_G_u16[0]	6482	6482	✓
CDD_MtrCurrOffComOffset_Cnt_G_u16[1]	4415	4415	✓
CDD_MtrPosPolarity_Cnt_G_s08[0]	1	1	✓
CDD_MtrPosPolarity_Cnt_G_s08[1]	-1	-1	✓
CDD_MtrTrqCmdSign_Cnt_G_s16[0]	0	0	✓
CDD_MtrTrqCmdSign_Cnt_G_s16[1]	-1	-1	✓
CDD_SysState_Cnt_G_Enum[0]	2	2	✓
CDD_SysState_Cnt_G_Enum[1]	0	0	✓
CDD_Vecu_Volt_G_f32[0]	9.79251957	9.79251957	✓
CDD_Vecu_Volt_G_f32[1]	21	21	✓

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

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## Test Step 1.26 (Repeat Count = 1)

Name	Input Value
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	1
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	-844.638
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	1228.16003
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	3.17770004
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	4.78542995
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	3.17770004
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	4.78542995
CDD_MtrCurrOffComOffset_Cnt_G_u16[0]	5754
CDD_MtrCurrOffComOffset_Cnt_G_u16[1]	482
CDD_MtrPosPolarity_Cnt_G_s08[0]	-1
CDD_MtrPosPolarity_Cnt_G_s08[1]	1
CDD_MtrTrqCmdSign_Cnt_G_s16[0]	-1
CDD_MtrTrqCmdSign_Cnt_G_s16[1]	1
CDD_SysState_Cnt_G_Enum[0]	0
CDD_SysState_Cnt_G_Enum[1]	2
CDD_Vecu_Volt_G_f32[0]	9
CDD_Vecu_Volt_G_f32[1]	5
Rte_ModeMachine_StaMd_SystemState_Mode	2
Rte_Task_2ms_10.Rte_TB.Rte_I_MtrVel_MotorVelMRF_MtrRadpS_f32.value	487.270996
Rte_Task_2ms_10.Rte_TB.Rte_I_BatteryVoltage_Vecu_Volt_f32.value	8.03582001
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per2.Rte_Comm	4301
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per2.Rte_MtrCur	1.60074997
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per2.Rte_MtrCur	2.2244401
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per2.Rte_MtrPos	-1
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per2.Rte_MtrTrq	-1

Name	Actual Value	Expected Value	Result
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	0	0	✔
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	487.270996	487.270996	✔
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	1228.16003	1228.16003	✔
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	1.60074997	1.60074997	✔
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	4.78542995	4.78542995	✔
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	2.2244401	2.2244401	✔
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	4.78542995	4.78542995	✔
CDD_MtrCurrOffComOffset_Cnt_G_u16[0]	4301	4301	✔
CDD_MtrCurrOffComOffset_Cnt_G_u16[1]	482	482	✔
CDD_MtrPosPolarity_Cnt_G_s08[0]	-1	-1	✔
CDD_MtrPosPolarity_Cnt_G_s08[1]	1	1	✔
CDD_MtrTrqCmdSign_Cnt_G_s16[0]	-1	-1	✔
CDD_MtrTrqCmdSign_Cnt_G_s16[1]	1	1	✔
CDD_SysState_Cnt_G_Enum[0]	2	2	✔
CDD_SysState_Cnt_G_Enum[1]	2	2	✔
CDD_Vecu_Volt_G_f32[0]	8.03582001	8.03582001	✔
CDD_Vecu_Volt_G_f32[1]	5	5	✔

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
*none*	0	*** No Call Expected ***	0	✓

## Test Step 1.27 (Repeat Count = 1)

Name	Input Value
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	0
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	-1107.12
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	32.0822983
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	1.96684003
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	0.441742003
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	1.96684003
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	0.250820011
CDD_MtrCurrOffComOffset_Cnt_G_u16[0]	2176
CDD_MtrCurrOffComOffset_Cnt_G_u16[1]	3483
CDD_MtrPosPolarity_Cnt_G_s08[0]	1
CDD_MtrPosPolarity_Cnt_G_s08[1]	1
CDD_MtrTrqCmdSign_Cnt_G_s16[0]	1
CDD_MtrTrqCmdSign_Cnt_G_s16[1]	0
CDD_SysState_Cnt_G_Enum[0]	2
CDD_SysState_Cnt_G_Enum[1]	2
CDD_Vecu_Volt_G_f32[0]	22
CDD_Vecu_Volt_G_f32[1]	21.4122009
Rte_ModeMachine_StaMd_SystemState_Mode	0

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Name	Input Value		
Rte_Task_2ms_10.Rte_TB.Rte_I_MtrVel_MotorVelMRF_MtrRadpS_f32.value	32.0822983		
Rte_Task_2ms_10.Rte_TB.Rte_I_BatteryVoltage_Vecu_Volt_f32.value	21.4122009		
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per2.Rte_Comm	3483		
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per2.Rte_MtrCun	0.441742003		
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per2.Rte_MtrCun	0.250820011		
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per2.Rte_MtrPos	1		
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per2.Rte_MtrTrq	0		
Name	Actual Value	Expected Value	Result
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	1	1	✓
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	-1107.12	-1107.12	✓
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	32.0822983	32.0822983	✓
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	1.96684003	1.96684003	✓
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	0.441742003	0.441742003	✓
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	1.96684003	1.96684003	✓
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	0.250820011	0.250820011	✓
CDD_MtrCurrOffComOffset_Cnt_G_u16[0]	2176	2176	✓
CDD_MtrCurrOffComOffset_Cnt_G_u16[1]	3483	3483	✓
CDD_MtrPosPolarity_Cnt_G_s08[0]	1	1	✓
CDD_MtrPosPolarity_Cnt_G_s08[1]	1	1	✓
CDD_MtrTrqCmdSign_Cnt_G_s16[0]	1	1	✓
CDD_MtrTrqCmdSign_Cnt_G_s16[1]	0	0	✓
CDD_SysState_Cnt_G_Enum[0]	2	2	✓
CDD_SysState_Cnt_G_Enum[1]	0	0	✓
CDD_Vecu_Volt_G_f32[0]	22	22	✓
CDD_Vecu_Volt_G_f32[1]	21.4122009	21.4122009	✓

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

Test Step 1.28 (Repeat Count = 1)				✔
Name		Input Value		
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16		1		
CDD_MRFMtrVel_MtrRadpS_G_f32[0]		-361.294006		
CDD_MRFMtrVel_MtrRadpS_G_f32[1]		415.226013		
CDD_MtrCurr1TempOffset_Volt_G_f32[0]		0.86658603		
CDD_MtrCurr1TempOffset_Volt_G_f32[1]		4.96747017		
CDD_MtrCurr2TempOffset_Volt_G_f32[0]		0.86658603		
CDD_MtrCurr2TempOffset_Volt_G_f32[1]		4.96747017		
CDD_MtrCurrOffComOffset_Cnt_G_u16[0]		5848		
CDD_MtrCurrOffComOffset_Cnt_G_u16[1]		6399		
CDD_MtrPosPolarity_Cnt_G_s08[0]		-1		
CDD_MtrPosPolarity_Cnt_G_s08[1]		-1		
CDD_MtrTrqCmdSign_Cnt_G_s16[0]		-1		
CDD_MtrTrqCmdSign_Cnt_G_s16[1]		-1		
CDD_SysState_Cnt_G_Enum[0]		1		
CDD_SysState_Cnt_G_Enum[1]		0		
CDD_Vecu_Volt_G_f32[0]		27		
CDD_Vecu_Volt_G_f32[1]		29		
Rte_ModeMachine_StaMd_SystemState_Mode		1		
Rte_Task_2ms_10.Rte_TB.Rte_I_MtrVel_MotorVelMRF_MtrRadpS_f32.value		1014.35999		
Rte_Task_2ms_10.Rte_TB.Rte_I_BatteryVoltage_Vecu_Volt_f32.value		22.7768002		
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per2.Rte_Comm		6119		
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per2.Rte_MtrCun		4.86899996		
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per2.Rte_MtrCun		0.279628009		
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per2.Rte_MtrPos		1		
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per2.Rte_MtrTrq		1		
Name		Actual Value	Expected Value	Result
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16		0	0	✔
CDD_MRFMtrVel_MtrRadpS_G_f32[0]		1014.35999	1014.35999	✔
CDD_MRFMtrVel_MtrRadpS_G_f32[1]		415.226013	415.226013	✔
CDD_MtrCurr1TempOffset_Volt_G_f32[0]		4.86899996	4.86899996	✔
CDD_MtrCurr1TempOffset_Volt_G_f32[1]		4.96747017	4.96747017	✔
CDD_MtrCurr2TempOffset_Volt_G_f32[0]		0.279628009	0.279628009	✔
CDD_MtrCurr2TempOffset_Volt_G_f32[1]		4.96747017	4.96747017	✔
CDD_MtrCurrOffComOffset_Cnt_G_u16[0]		6119	6119	✔
CDD_MtrCurrOffComOffset_Cnt_G_u16[1]		6399	6399	✔
CDD_MtrPosPolarity_Cnt_G_s08[0]		1	1	✔
CDD_MtrPosPolarity_Cnt_G_s08[1]		-1	-1	✔
CDD_MtrTrqCmdSign_Cnt_G_s16[0]		1	1	✔

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Name	Actual Value	Expected Value	Result
CDD_MtrTrqCmdSign_Cnt_G_s16[1]	-1	-1	✓
CDD_SysState_Cnt_G_Enum[0]	1	1	✓
CDD_SysState_Cnt_G_Enum[1]	0	0	✓
CDD_Vecu_Volt_G_f32[0]	22.7768002	22.7768002	✓
CDD_Vecu_Volt_G_f32[1]	29	29	✓

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
*none*	0	*** No Call Expected ***	0	✓

## Test Step 1.29 (Repeat Count = 1)

Name	Input Value
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	1
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	-805.948975
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	797.966003
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	3.72437
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	0.78024298
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	3.72437
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	0.78024298
CDD_MtrCurrOffComOffset_Cnt_G_u16[0]	3670
CDD_MtrCurrOffComOffset_Cnt_G_u16[1]	6377
CDD_MtrPosPolarity_Cnt_G_s08[0]	1
CDD_MtrPosPolarity_Cnt_G_s08[1]	1
CDD_MtrTrqCmdSign_Cnt_G_s16[0]	1
CDD_MtrTrqCmdSign_Cnt_G_s16[1]	1
CDD_SysState_Cnt_G_Enum[0]	0
CDD_SysState_Cnt_G_Enum[1]	0
CDD_Vecu_Volt_G_f32[0]	29
CDD_Vecu_Volt_G_f32[1]	10
Rte_ModeMachine_StaMd_SystemState_Mode	2
Rte_Task_2ms_10.Rte_TB.Rte_I_MtrVel_MotorVelMRF_MtrRadpS_f32.value	120.797997
Rte_Task_2ms_10.Rte_TB.Rte_I_BatteryVoltage_Vecu_Volt_f32.value	18.8687992
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per2.Rte_Comm	3154
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per2.Rte_MtrCur	4.84580994
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per2.Rte_MtrCur	2.03030992
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per2.Rte_MtrPos	-1
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per2.Rte_MtrTrq	0

Name	Actual Value	Expected Value	Result
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	0	0	✓
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	120.797997	120.797997	✓
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	797.966003	797.966003	✓
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	4.84580994	4.84580994	✓
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	0.78024298	0.78024298	✓
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	2.03030992	2.03030992	✓
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	0.78024298	0.78024298	✓
CDD_MtrCurrOffComOffset_Cnt_G_u16[0]	3154	3154	✓
CDD_MtrCurrOffComOffset_Cnt_G_u16[1]	6377	6377	✓
CDD_MtrPosPolarity_Cnt_G_s08[0]	-1	-1	✓
CDD_MtrPosPolarity_Cnt_G_s08[1]	1	1	✓
CDD_MtrTrqCmdSign_Cnt_G_s16[0]	0	0	✓
CDD_MtrTrqCmdSign_Cnt_G_s16[1]	1	1	✓
CDD_SysState_Cnt_G_Enum[0]	2	2	✓
CDD_SysState_Cnt_G_Enum[1]	0	0	✓
CDD_Vecu_Volt_G_f32[0]	18.8687992	18.8687992	✓
CDD_Vecu_Volt_G_f32[1]	10	10	✓

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
*none*	0	*** No Call Expected ***	0	✓

## Test Step 1.30 (Repeat Count = 1)

Name	Input Value
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	1
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	-367.003998
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	1333.90002
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	2.32502007



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Name	Input Value
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	4.79194021
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	2.32502007
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	4.79194021
CDD_MtrCurrOffComOffset_Cnt_G_u16[0]	6436
CDD_MtrCurrOffComOffset_Cnt_G_u16[1]	338
CDD_MtrPosPolarity_Cnt_G_s08[0]	-1
CDD_MtrPosPolarity_Cnt_G_s08[1]	-1
CDD_MtrTrqCmdSign_Cnt_G_s16[0]	-1
CDD_MtrTrqCmdSign_Cnt_G_s16[1]	-1
CDD_SysState_Cnt_G_Enum[0]	0
CDD_SysState_Cnt_G_Enum[1]	0
CDD_Vecu_Volt_G_f32[0]	30
CDD_Vecu_Volt_G_f32[1]	10
Rte_ModeMachine_StaMd_SystemState_Mode	3
Rte_Task_2ms_10.Rte_TB.Rte_I_MtrVel_MotorVelMRF_MtrRadpS_f32.value	1074.33997
Rte_Task_2ms_10.Rte_TB.Rte_I_BatteryVoltage_Vecu_Volt_f32.value	20.7642994
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per2.Rte_Comm	6156
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per2.Rte_MtrCurr	3.99714994
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per2.Rte_MtrCurr	0.444205999
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per2.Rte_MtrPos	-1
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per2.Rte_MtrTrq	0

Name	Actual Value	Expected Value	Result
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	0	0	✓
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	1074.33997	1074.33997	✓
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	1333.90002	1333.90002	✓
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	3.99714994	3.99714994	✓
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	4.79194021	4.79194021	✓
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	0.444205999	0.444205999	✓
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	4.79194021	4.79194021	✓
CDD_MtrCurrOffComOffset_Cnt_G_u16[0]	6156	6156	✓
CDD_MtrCurrOffComOffset_Cnt_G_u16[1]	338	338	✓
CDD_MtrPosPolarity_Cnt_G_s08[0]	-1	-1	✓
CDD_MtrPosPolarity_Cnt_G_s08[1]	-1	-1	✓
CDD_MtrTrqCmdSign_Cnt_G_s16[0]	0	0	✓
CDD_MtrTrqCmdSign_Cnt_G_s16[1]	-1	-1	✓
CDD_SysState_Cnt_G_Enum[0]	3	3	✓
CDD_SysState_Cnt_G_Enum[1]	0	0	✓
CDD_Vecu_Volt_G_f32[0]	20.7642994	20.7642994	✓
CDD_Vecu_Volt_G_f32[1]	10	10	✓

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

Test Step 1.31 (Repeat Count = 1)	
Name	Input Value
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	1
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	-311.792999
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	750.221985
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	2.56536007
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	0.792972028
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	2.56536007
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	0.792972028
CDD_MtrCurrOffComOffset_Cnt_G_u16[0]	1557
CDD_MtrCurrOffComOffset_Cnt_G_u16[1]	4301
CDD_MtrPosPolarity_Cnt_G_s08[0]	1
CDD_MtrPosPolarity_Cnt_G_s08[1]	1
CDD_MtrTrqCmdSign_Cnt_G_s16[0]	1
CDD_MtrTrqCmdSign_Cnt_G_s16[1]	1
CDD_SysState_Cnt_G_Enum[0]	2
CDD_SysState_Cnt_G_Enum[1]	2
CDD_Vecu_Volt_G_f32[0]	25
CDD_Vecu_Volt_G_f32[1]	8
Rte_ModeMachine_StaMd_SystemState_Mode	4
Rte_Task_2ms_10.Rte_TB.Rte_I_MtrVel_MotorVelMRF_MtrRadpS_f32.value	-191.837006
Rte_Task_2ms_10.Rte_TB.Rte_I_BatteryVoltage_Vecu_Volt_f32.value	24.0664997
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per2.Rte_Comm	6795
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per2.Rte_MtrCurr	1.60108995
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per2.Rte_MtrCurr	3.47305012
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per2.Rte_MtrPos	-1



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Name	Input Value		
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per2.Rte_MtrTrq	1		
Name	Actual Value	Expected Value	Result
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	0	0	✓
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	-191.837006	-191.837006	✓
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	750.221985	750.221985	✓
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	1.60108995	1.60108995	✓
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	0.792972028	0.792972028	✓
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	3.47305012	3.47305012	✓
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	0.792972028	0.792972028	✓
CDD_MtrCurrOffComOffset_Cnt_G_u16[0]	6795	6795	✓
CDD_MtrCurrOffComOffset_Cnt_G_u16[1]	4301	4301	✓
CDD_MtrPosPolarity_Cnt_G_s08[0]	-1	-1	✓
CDD_MtrPosPolarity_Cnt_G_s08[1]	1	1	✓
CDD_MtrTrqCmdSign_Cnt_G_s16[0]	1	1	✓
CDD_MtrTrqCmdSign_Cnt_G_s16[1]	1	1	✓
CDD_SysState_Cnt_G_Enum[0]	4	4	✓
CDD_SysState_Cnt_G_Enum[1]	2	2	✓
CDD_Vecu_Volt_G_f32[0]	24.0664997	24.0664997	✓
CDD_Vecu_Volt_G_f32[1]	8	8	✓

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

Test Step 1.32 (Repeat Count = 1)				
Name	Input Value			
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	1			
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	-17.7012005			
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	1226.71997			
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	3.48852992			
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	1.57865			
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	3.48852992			
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	1.57865			
CDD_MtrCurrOffComOffset_Cnt_G_u16[0]	5433			
CDD_MtrCurrOffComOffset_Cnt_G_u16[1]	6343			
CDD_MtrPosPolarity_Cnt_G_s08[0]	-1			
CDD_MtrPosPolarity_Cnt_G_s08[1]	-1			
CDD_MtrTrqCmdSign_Cnt_G_s16[0]	-1			
CDD_MtrTrqCmdSign_Cnt_G_s16[1]	-1			
CDD_SysState_Cnt_G_Enum[0]	2			
CDD_SysState_Cnt_G_Enum[1]	0			
CDD_Vecu_Volt_G_f32[0]	10			
CDD_Vecu_Volt_G_f32[1]	10			
Rte_ModeMachine_StaMd_SystemState_Mode	3			
Rte_Task_2ms_10.Rte_TB.Rte_I_MtrVel_MotorVelMRF_MtrRadpS_f32.value	-731.166992			
Rte_Task_2ms_10.Rte_TB.Rte_I_BatteryVoltage_Vecu_Volt_f32.value	5			
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per2.Rte_Comm	388			
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per2.Rte_MtrCur	3.94904995			
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per2.Rte_MtrCur	2.94375992			
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per2.Rte_MtrPos	1			
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per2.Rte_MtrTrq	1			
Name	Actual Value	Expected Value	Result	
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	0	0	✓	
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	-731.166992	-731.166992	✓	
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	1226.71997	1226.71997	✓	
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	3.94904995	3.94904995	✓	
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	1.57865	1.57865	✓	
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	2.94375992	2.94375992	✓	
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	1.57865	1.57865	✓	
CDD_MtrCurrOffComOffset_Cnt_G_u16[0]	388	388	✓	
CDD_MtrCurrOffComOffset_Cnt_G_u16[1]	6343	6343	✓	
CDD_MtrPosPolarity_Cnt_G_s08[0]	1	1	✓	
CDD_MtrPosPolarity_Cnt_G_s08[1]	-1	-1	✓	
CDD_MtrTrqCmdSign_Cnt_G_s16[0]	1	1	✓	
CDD_MtrTrqCmdSign_Cnt_G_s16[1]	-1	-1	✓	
CDD_SysState_Cnt_G_Enum[0]	3	3	✓	
CDD_SysState_Cnt_G_Enum[1]	0	0	✓	
CDD_Vecu_Volt_G_f32[0]	5	5	✓	
CDD_Vecu_Volt_G_f32[1]	10	10	✓	

# TEST DETAILS REPORT

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CDDInterface\_Per2



## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
*none*	0	*** No Call Expected ***	0	✓

## Test Step 1.33 (Repeat Count = 1)

Name	Input Value
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	1
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	-1180.60999
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	803.369019
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	4.47603989
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	4.9499402
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	4.47603989
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	4.9499402
CDD_MtrCurrOffComOffset_Cnt_G_u16[0]	3719
CDD_MtrCurrOffComOffset_Cnt_G_u16[1]	6795
CDD_MtrPosPolarity_Cnt_G_s08[0]	1
CDD_MtrPosPolarity_Cnt_G_s08[1]	1
CDD_MtrTrqCmdSign_Cnt_G_s16[0]	1
CDD_MtrTrqCmdSign_Cnt_G_s16[1]	1
CDD_SysState_Cnt_G_Enum[0]	2
CDD_SysState_Cnt_G_Enum[1]	3
CDD_Vecu_Volt_G_f32[0]	23
CDD_Vecu_Volt_G_f32[1]	8
Rte_ModeMachine_StaMd_SystemState_Mode	3
Rte_Task_2ms_10.Rte_TB.Rte_I_MtrVel_MotorVelMRF_MtrRadpS_f32.value	-1123.93005
Rte_Task_2ms_10.Rte_TB.Rte_I_BatteryVoltage_Vecu_Volt_f32.value	31
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per2.Rte_Comm	4030
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per2.Rte_MtrCurr	0.441742003
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per2.Rte_MtrCurr	0.250820011
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per2.Rte_MtrPos	-1
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per2.Rte_MtrTrq	-1

Name	Actual Value	Expected Value	Result
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	0	0	✓
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	-1123.93005	-1123.93005	✓
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	803.369019	803.369019	✓
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	0.441742003	0.441742003	✓
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	4.9499402	4.9499402	✓
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	0.250820011	0.250820011	✓
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	4.9499402	4.9499402	✓
CDD_MtrCurrOffComOffset_Cnt_G_u16[0]	4030	4030	✓
CDD_MtrCurrOffComOffset_Cnt_G_u16[1]	6795	6795	✓
CDD_MtrPosPolarity_Cnt_G_s08[0]	-1	-1	✓
CDD_MtrPosPolarity_Cnt_G_s08[1]	1	1	✓
CDD_MtrTrqCmdSign_Cnt_G_s16[0]	-1	-1	✓
CDD_MtrTrqCmdSign_Cnt_G_s16[1]	1	1	✓
CDD_SysState_Cnt_G_Enum[0]	3	3	✓
CDD_SysState_Cnt_G_Enum[1]	3	3	✓
CDD_Vecu_Volt_G_f32[0]	31	31	✓
CDD_Vecu_Volt_G_f32[1]	8	8	✓

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
*none*	0	*** No Call Expected ***	0	✓

## Test Step 1.34 (Repeat Count = 1)

Name	Input Value
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	1
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	-692.187988
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	643.562012
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	0.872577012
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	3.78780007
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	0.872577012
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	3.78780007
CDD_MtrCurrOffComOffset_Cnt_G_u16[0]	5321
CDD_MtrCurrOffComOffset_Cnt_G_u16[1]	4074
CDD_MtrPosPolarity_Cnt_G_s08[0]	-1
CDD_MtrPosPolarity_Cnt_G_s08[1]	-1

# TEST DETAILS REPORT

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CDDInterface\_Per2

Name	Input Value
CDD_MtrTrqCmdSign_Cnt_G_s16[0]	-1
CDD_MtrTrqCmdSign_Cnt_G_s16[1]	-1
CDD_SysState_Cnt_G_Enum[0]	3
CDD_SysState_Cnt_G_Enum[1]	0
CDD_Vecu_Volt_G_f32[0]	7
CDD_Vecu_Volt_G_f32[1]	15
Rte_ModeMachine_StaMd_SystemState_Mode	4
Rte_Task_2ms_10.Rte_TB.Rte_I_MtrVel_MotorVelMRF_MtrRadpS_f32.value	-159.466003
Rte_Task_2ms_10.Rte_TB.Rte_I_BatteryVoltage_Vecu_Volt_f32.value	21.5
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per2.Rte_Comm	5427
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per2.Rte_MtrCur	2.43364
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per2.Rte_MtrCur	0.250820011
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per2.Rte_MtrPos	1
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per2.Rte_MtrTrq	-1

Name	Actual Value	Expected Value	Result
CDD_AppDataFwdPthAccessBfr_Cnt_G_u16	0	0	✔
CDD_MRFMtrVel_MtrRadpS_G_f32[0]	-159.466003	-159.466003	✔
CDD_MRFMtrVel_MtrRadpS_G_f32[1]	643.562012	643.562012	✔
CDD_MtrCurr1TempOffset_Volt_G_f32[0]	2.43364	2.43364	✔
CDD_MtrCurr1TempOffset_Volt_G_f32[1]	3.78780007	3.78780007	✔
CDD_MtrCurr2TempOffset_Volt_G_f32[0]	0.250820011	0.250820011	✔
CDD_MtrCurr2TempOffset_Volt_G_f32[1]	3.78780007	3.78780007	✔
CDD_MtrCurrOffComOffset_Cnt_G_u16[0]	5427	5427	✔
CDD_MtrCurrOffComOffset_Cnt_G_u16[1]	4074	4074	✔
CDD_MtrPosPolarity_Cnt_G_s08[0]	1	1	✔
CDD_MtrPosPolarity_Cnt_G_s08[1]	-1	-1	✔
CDD_MtrTrqCmdSign_Cnt_G_s16[0]	-1	-1	✔
CDD_MtrTrqCmdSign_Cnt_G_s16[1]	-1	-1	✔
CDD_SysState_Cnt_G_Enum[0]	4	4	✔
CDD_SysState_Cnt_G_Enum[1]	0	0	✔
CDD_Vecu_Volt_G_f32[0]	21.5	21.5	✔
CDD_Vecu_Volt_G_f32[1]	15	15	✔

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

# TEST DETAILS REPORT

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CDDInterface\_Init2



Project	CDDInterface_FIASA
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_FIASA
Configuration File	D:\Synergy_Work_Area\CDDInterface_FIASA\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	\$(SOURCEROOT)\Sa_CDDInterface.c
Compiler Options	-D_DATA_ACCESS= -Dconst= -I\$(PROJECTROOT)\CDDInterface\utp\contract -I\$(PROJECTROOT)\NxrLib\include -I\$(PROJECTROOT)\StdDef\include -I\$(Compiler Install Path)\include

## Comments/Description/Specification

Name	Text
Module 'CDDInterface'	*****Unit Test Information *****  Name of Tester: Priyanka Shitole Code File(s) Under Test: Sa_CDDInterface.c Code File(s) Version: 4 Module Design Document: NA Module Design Document Version: NA Data Dictionary Version: 1 Unit Test Plan Version: 1 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 1.32 Total FLASH Used (Bytes): 1714 Total RAM Used (Bytes): 0 Total CALS Used (Bytes): 0 Special Test Requirements: Test Date: 6/3/2016 Comments: "Note1: Inline Function defined in GlobalMacro.h is not unit tested. Note2: ""CBD_Sandbox_dbg.map"" map file is embedded for reference." *****

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	\$(PROJECTROOT)\UnitTestEnv\static_build_files\sys_link.cmd
Makefile Template	\$(PROJECTROOT)\UnitTestEnv\config\Nexteer_ts_make_ude_ti_tms570_ps.tpl
Target Install Path	\$(ProgramFiles)\pls\UDE 4.4
Time Unit	cycles
Timer Enabled	false
Timer Prescale	0
Timer Resolution	1
UDE Config File	\$(PROJECTROOT)\UnitTestEnv\config\TMS570_UDE_12PIN_JTAG.cfg

# TEST DETAILS REPORT

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CDDInterface\_Init2



Workspace File

D:\Synergy\_Work\_Area\CDDInterface\_FIASA\UnitTestEnv\config\UDE\_TMS570\_DEBUG.WSP

## Test Case 1: Boundary Test ✓

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

TS1.1 499.00 Cycles

**Description** Vector Description:

TS1.1 Check for Stub count

## Test Step 1.1 (Repeat Count = 1) ✓

## Test Step Call Trace ✓

Actual Function	Count	Expected Function	Count	Result
EnableMtrCtlInterrupt	1	EnableMtrCtlInterrupt	1	✓

# TEST DETAILS REPORT

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CDDInterface\_Per1



Project	CDDInterface_FIASA
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_FIASA
Configuration File	D:\Synergy_Work_Area\CDDInterface_FIASA\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	\$(SOURCEROOT)\Sa_CDDInterface.c
Compiler Options	-D_DATA_ACCESS= -Dconst= -I\$(PROJECTROOT)\CDDInterface\utp\contract -I\$(PROJECTROOT)\NxtLib\include -I\$(PROJECTROOT)\StdDef\include -I\$(Compiler Install Path)\include

## Comments/Description/Specification

Name	Text
Module 'CDDInterface'	*****Unit Test Information *****  Name of Tester: Priyanka Shitole Code File(s) Under Test: Sa_CDDInterface.c Code File(s) Version: 4 Module Design Document: NA Module Design Document Version: NA Data Dictionary Version: 1 Unit Test Plan Version: 1 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 1.32 Total FLASH Used (Bytes): 1714 Total RAM Used (Bytes): 0 Total CALS Used (Bytes): 0 Special Test Requirements: Test Date: 6/3/2016 Comments: "Note1: Inline Function defined in GlobalMacro.h is not unit tested." Note2: "CBD_Sandbox_dbg.map" map file is embedded for reference." *****

## 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	\$(PROJECTROOT)\UnitTestEnv\static_build_files\sys_link.cmd
Makefile Template	\$(PROJECTROOT)\UnitTestEnv\config\Nexteer_ts_make_ude_ti_tms570_ps.tpl
Target Install Path	\$(ProgramFiles)\pls\UDE 4.4
Time Unit	cycles
Timer Enabled	false
Timer Prescale	0

# TEST DETAILS REPORT

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CDDInterface\_Per1



Attributes	
Name	Value
Timer Resolution	1
UDE Config File	\$(PROJECTROOT)\UnitTestEnv\config\TMS570_UDE_12PIN_JTAG.cfg
Workspace File	D:\Synergy_Work_Area\CDDInterface_FIASA\UnitTestEnv\config\UDE_TMS570_DEBUG.WSP



# TEST DETAILS REPORT

2016-06-03, 15:03:12+0530

CDDInterface\_Per1



## Test Case 1: Metrics Test

<b>Specification</b>	Performance Metrics (With "None" Instrumentation and WithPS Environment) CPU Cycles:  TS1.1 1110.00 Cycles TS1.2 1107.00 Cycles
<b>Description</b>	Vector Description:  TS1.1"Longest Execution Path: (PXAccum_Cnt_T_u32[i] < PXAccumPrev_Cnt_M_u32[i])=>False ( PhaseAdvFinal_Cnt_T_u16 >= D_HALFREV_CNT_U16 )=>False" TS1.2"Shortest Execution Path: (PXAccum_Cnt_T_u32[i] < PXAccumPrev_Cnt_M_u32[i])=>True ( PhaseAdvFinal_Cnt_T_u16 >= D_HALFREV_CNT_U16 )=>True"

## Test Step 1.1 (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_s15p16[0]	0
CDD_CumMechMtrPos_Rev_s15p16[1]	0
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_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	0
CDD_Die1UnderVoltgFltAccum_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_MechMtrPos1_Rev_G_u0p16[0]	0
CDD_MechMtrPos1_Rev_G_u0p16[1]	0
CDD_ModIdxFinal_Uls_G_u16p16[0]	0
CDD_ModIdxFinal_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_MtrVoltDax_Volt_G_f32[0]	0
CDD_MtrVoltDax_Volt_G_f32[1]	0
CDD_MtrVoltQax_Volt_G_f32[0]	0
CDD_MtrVoltQax_Volt_G_f32[1]	0
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_RxMtrPosParityAccum_Cnt_G_u16[0]	0
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	0
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	0

# TEST DETAILS REPORT

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CDDInterface\_Per1

Name	Input Value		
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	0		
CDD_SysCVSwitchADC_Cnt_G_u16[0]	0		
CDD_SysCVSwitchADC_Cnt_G_u16[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		
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		
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	✓
Rte_Task_2ms_10.Rte_TB.Rte_I_CDDInterface_SysCVSwitchADC_Cnt_u16.value	0	0	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCMt	0	0	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCMt	0	0	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrMt	0	0	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrMt	0	0 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	0	0	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	0	0	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	0	0	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_LRPRF	0	0	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measui	0	0	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measui	0	0	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measui	0	0	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	0	0 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	0	0	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Modlxd	0	0 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCun	-220	-220	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCun	-220	-220	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCun	-220	-220	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCun	-220	-220	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCun	-220	-220	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	0	0	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	0	0	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_SysCC	0	0 ± 0.0000152587890625	✓

Test Step Call Trace				
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	1
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	0.659897029
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.6600000026
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	43247
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	43254
CDD_CumMechMtrPos_Rev_s15p16[0]	43247
CDD_CumMechMtrPos_Rev_s15p16[1]	43254
CDD_Die1RxError_Cnt_G_u16[0]	126
CDD_Die1RxError_Cnt_G_u16[1]	156
CDD_Die1RxMtrPos_Cnt_G_u16[0]	126
CDD_Die1RxMtrPos_Cnt_G_u16[1]	156
CDD_Die1RxRevCtr_Cnt_G_u16[0]	126
CDD_Die1RxRevCtr_Cnt_G_u16[1]	156
CDD_Die1UnderVoltFltAccum_Cnt_G_u16[0]	126
CDD_Die1UnderVoltFltAccum_Cnt_G_u16[1]	156
CDD_Die2RxError_Cnt_G_u16[0]	126
CDD_Die2RxError_Cnt_G_u16[1]	156
CDD_Die2RxMtrPos_Cnt_G_u16[0]	126
CDD_Die2RxMtrPos_Cnt_G_u16[1]	156
CDD_Die2RxRevCtr_Cnt_G_u16[0]	126
CDD_Die2RxRevCtr_Cnt_G_u16[1]	156
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	1951727467
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	648188276
CDD_MechMtrPos1_Rev_G_u0p16[0]	43247

# TEST DETAILS REPORT

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CDDInterface\_Per1

Name	Input Value
CDD_MechMtrPos1_Rev_G_u0p16[1]	43254
CDD_ModIdxFinal_Uls_G_u16p16[0]	31352
CDD_ModIdxFinal_Uls_G_u16p16[1]	32062
CDD_MtrCurr1_Volts_G_f32[0]	0.867460012
CDD_MtrCurr1_Volts_G_f32[1]	1.35637999
CDD_MtrCurr2_Volts_G_f32[0]	4.4014101
CDD_MtrCurr2_Volts_G_f32[1]	2.78397012
CDD_MtrCurrDax_Amp_G_f32[0]	64.1500015
CDD_MtrCurrDax_Amp_G_f32[1]	79.5999985
CDD_MtrCurrK1_Amps_G_f32[0]	214.837006
CDD_MtrCurrK1_Amps_G_f32[1]	215.839996
CDD_MtrCurrK2_Amps_G_f32[0]	-74
CDD_MtrCurrK2_Amps_G_f32[1]	-64
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	39.4000015
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	32.0499992
CDD_MtrCurrQax_Amp_G_f32[0]	144.751007
CDD_MtrCurrQax_Amp_G_f32[1]	155.233994
CDD_MtrVoltDax_Volt_G_f32[0]	1.67999995
CDD_MtrVoltDax_Volt_G_f32[1]	2.68993998
CDD_MtrVoltQax_Volt_G_f32[0]	2.97398996
CDD_MtrVoltQax_Volt_G_f32[1]	2.57774997
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]	65535
CDD_PhaseAdvFinal_Cnt_G_u16[1]	65535
CDD_RxMtrPosParityAccum_Cnt_G_u16[0]	126
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	156
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	43247
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	43254
CDD_SysCVSwitchADC_Cnt_G_u16[0]	3788
CDD_SysCVSwitchADC_Cnt_G_u16[1]	1867
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	43247
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	43254
PXAccumPrev_Cnt_M_u32[0]	49299806
PXAccumPrev_Cnt_M_u32[1]	171726820
PXAccumPrev_Cnt_M_u32[2]	515671997
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	1385148928
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	162418688
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	4265065984

Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	0	0	✔
PXAccumPrev_Cnt_M_u32[0]	173143616	173143616	✔
PXAccumPrev_Cnt_M_u32[1]	20302336	20302336	✔
PXAccumPrev_Cnt_M_u32[2]	533133248	533133248	✔
Rte_Task_2ms_10.Rte_TB.Rte_I_CDDInterface_SysCVSwitchADC_Cnt_u16.value	1867	1867	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	1.35637999	1.35637999	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	2.78397012	2.78397012	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.660000026	0.660000026	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.660003662	0.66000402 ± 0.0000152587890625	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	1543	1543	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	536	536	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	648	648	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_LRPRF	0	0	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	123843810	123843810	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	385446428	385446428	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	17461251	17461251	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	0.660003662	0.66000402 ± 0.0000152587890625	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	648188276	648188276	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ModIdx	0.489227295	0.489226997 ± 0.0000152587890625	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCun	79.5999985	79.5999985	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCun	215.839996	215.839996	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCun	-64	-64	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCun	155.233994	155.233994	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCun	32.0499992	32.0499992	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	2.68993998	2.68993998	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	2.57774997	2.57774997	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_SysCC	0.660003662	0.66000402 ± 0.0000152587890625	✔

# TEST DETAILS REPORT

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CDDInterface\_Per1



## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
CDDPorts_ClearPhsReasSum	1	CDDPorts_ClearPhsReasSum	1	✓

# TEST DETAILS REPORT

CDDInterface\_Per1

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## Test Case 2: Boundary Test



# TEST DETAILS REPORT

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CDDInterface\_Per1

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

TS2.1 1091.00 Cycles  
TS2.2 1090.00 Cycles  
TS2.3 1051.00 Cycles  
TS2.4 1016.00 Cycles  
TS2.5 1016.00 Cycles  
TS2.6 1016.00 Cycles  
TS2.7 1048.00 Cycles  
TS2.8 1016.00 Cycles  
TS2.9 1016.00 Cycles  
TS2.10 1048.00 Cycles  
TS2.11 1016.00 Cycles  
TS2.12 1016.00 Cycles  
TS2.13 1016.00 Cycles  
TS2.14 1016.00 Cycles  
TS2.15 1016.00 Cycles  
TS2.16 1016.00 Cycles  
TS2.17 1016.00 Cycles  
TS2.18 1016.00 Cycles  
TS2.19 1016.00 Cycles  
TS2.20 1016.00 Cycles  
TS2.21 1038.00 Cycles  
TS2.22 1016.00 Cycles  
TS2.23 1016.00 Cycles  
TS2.24 1016.00 Cycles  
TS2.25 1016.00 Cycles  
TS2.26 1016.00 Cycles  
TS2.27 1016.00 Cycles  
TS2.28 1016.00 Cycles  
TS2.29 1016.00 Cycles  
TS2.30 1016.00 Cycles  
TS2.31 1016.00 Cycles  
TS2.32 1016.00 Cycles  
TS2.33 1016.00 Cycles  
TS2.34 1038.00 Cycles  
TS2.35 1016.00 Cycles  
TS2.36 1016.00 Cycles  
TS2.37 1016.00 Cycles  
TS2.38 1016.00 Cycles  
TS2.39 1016.00 Cycles  
TS2.40 1016.00 Cycles  
TS2.41 1016.00 Cycles  
TS2.42 1044.00 Cycles  
TS2.43 1016.00 Cycles  
TS2.44 1016.00 Cycles  
TS2.45 1038.00 Cycles  
TS2.46 1016.00 Cycles  
TS2.47 1016.00 Cycles  
TS2.48 1016.00 Cycles  
TS2.49 1016.00 Cycles  
TS2.50 1044.00 Cycles  
TS2.51 1016.00 Cycles  
TS2.52 1016.00 Cycles  
TS2.53 1016.00 Cycles  
TS2.54 1016.00 Cycles  
TS2.55 1016.00 Cycles  
TS2.56 1016.00 Cycles  
TS2.57 1016.00 Cycles  
TS2.58 1016.00 Cycles  
TS2.59 1016.00 Cycles  
TS2.60 1024.00 Cycles  
TS2.61 1045.00 Cycles  
TS2.62 1016.00 Cycles  
TS2.63 1016.00 Cycles  
TS2.64 1016.00 Cycles  
TS2.65 1016.00 Cycles  
TS2.66 1016.00 Cycles  
TS2.67 1016.00 Cycles  
TS2.68 1016.00 Cycles  
TS2.69 1016.00 Cycles  
TS2.70 1016.00 Cycles  
TS2.71 1016.00 Cycles  
TS2.72 1016.00 Cycles  
TS2.73 1043.00 Cycles  
TS2.74 1016.00 Cycles  
TS2.75 1016.00 Cycles  
TS2.76 1016.00 Cycles  
TS2.77 1016.00 Cycles  
TS2.78 1016.00 Cycles  
TS2.79 1016.00 Cycles  
TS2.80 1016.00 Cycles  
TS2.81 1024.00 Cycles  
TS2.82 1016.00 Cycles  
TS2.83 1016.00 Cycles  
TS2.84 1038.00 Cycles  
TS2.85 1016.00 Cycles  
TS2.86 1016.00 Cycles  
TS2.87 1016.00 Cycles  
TS2.88 1016.00 Cycles  
TS2.89 1022.00 Cycles  
TS2.90 1016.00 Cycles  
TS2.91 1016.00 Cycles  
TS2.92 1016.00 Cycles  
TS2.93 1016.00 Cycles  
TS2.94 1024.00 Cycles  
TS2.95 1016.00 Cycles  
TS2.96 1026.00 Cycles  
TS2.97 1016.00 Cycles  
TS2.98 1016.00 Cycles  
TS2.99 1016.00 Cycles  
TS2.100 1016.00 Cycles  
TS2.101 1016.00 Cycles  
TS2.102 1016.00 Cycles  
TS2.103 1016.00 Cycles  
TS2.104 1016.00 Cycles  
TS2.105 1016.00 Cycles  
TS2.106 1016.00 Cycles  
TS2.107 1016.00 Cycles  
TS2.108 1026.00 Cycles  
TS2.109 1016.00 Cycles  
TS2.110 1016.00 Cycles

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## TEST DETAILS REPORT

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CDDInterface\_Per1

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TS2.111	1016.00	Cycles
TS2.112	1024.00	Cycles
TS2.113	1016.00	Cycles
TS2.114	1016.00	Cycles
TS2.115	1038.00	Cycles
TS2.116	1016.00	Cycles
TS2.117	1016.00	Cycles

# TEST DETAILS REPORT

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CDDInterface\_Per1

Description	Vector Description:
TS2.1All min	
TS2.2All max	
TS2.3CDD_CDDDataAccessBfr_Cnt_G_u16==>Min	
TS2.4CDD_CDDDataAccessBfr_Cnt_G_u16==>Max	
TS2.5CDD_CDDDataAccessBfr_Cnt_G_u16==>Pos	
TS2.6HET_P1ACC_1.memory.data_word==>Min	
TS2.7HET_P1ACC_1.memory.data_word==>Max	
TS2.8HET_P1ACC_1.memory.data_word==>Pos	
TS2.9HET_P2ACC_1.memory.data_word==>Min	
TS2.10HET_P2ACC_1.memory.data_word==>Max	
TS2.11HET_P2ACC_1.memory.data_word==>Pos	
TS2.12HET_P3ACC_1.memory.data_word==>Min	
TS2.13HET_P3ACC_1.memory.data_word==>Max	
TS2.14HET_P3ACC_1.memory.data_word==>Pos	
TS2.15CDD_MtrCurr1_Volts_G_f32[2]==>Min	
TS2.16CDD_MtrCurr1_Volts_G_f32[2]==>Max	
TS2.17CDD_MtrCurr1_Volts_G_f32[2]==>Pos	
TS2.18CDD_MtrCurr2_Volts_G_f32[2]==>Min	
TS2.19CDD_MtrCurr2_Volts_G_f32[2]==>Max	
TS2.20CDD_MtrCurr2_Volts_G_f32[2]==>Pos	
TS2.21CDD_CorrectedElecMtrPos_Rev_G_u0p16[2]==>Min	
TS2.22CDD_CorrectedElecMtrPos_Rev_G_u0p16[2]==>Max	
TS2.23CDD_CorrectedElecMtrPos_Rev_G_u0p16[2]==>Pos	
TS2.24CDD_CorrMtrCurrPosition_Rev_G_f32[2]==>Min	
TS2.25CDD_CorrMtrCurrPosition_Rev_G_f32[2]==>Max	
TS2.26CDD_CorrMtrCurrPosition_Rev_G_f32[2]==>Pos	
TS2.27CDD_CumMechMtrPos_Rev_s15p16[2]==>Min	
TS2.28CDD_CumMechMtrPos_Rev_s15p16[2]==>Max	
TS2.29CDD_CumMechMtrPos_Rev_s15p16[2]==>Pos	
TS2.30CDD_Die1RxError_Cnt_G_u16[2]==>Min	
TS2.31CDD_Die1RxError_Cnt_G_u16[2]==>Max	
TS2.32CDD_Die1RxError_Cnt_G_u16[2]==>Pos	
TS2.33CDD_Die1RxMtrPos_Cnt_G_u16[2]==>Min	
TS2.34CDD_Die1RxMtrPos_Cnt_G_u16[2]==>Max	
TS2.35CDD_Die1RxMtrPos_Cnt_G_u16[2]==>Pos	
TS2.36CDD_Die1RxRevCtr_Cnt_G_u16[2]==>Min	
TS2.37CDD_Die1RxRevCtr_Cnt_G_u16[2]==>Max	
TS2.38CDD_Die1RxRevCtr_Cnt_G_u16[2]==>Pos	
TS2.39CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[2]==>Min	
TS2.40CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[2]==>Max	
TS2.41CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[2]==>Pos	
TS2.42CDD_Die2RxError_Cnt_G_u16[2]==>Min	
TS2.43CDD_Die2RxError_Cnt_G_u16[2]==>Max	
TS2.44CDD_Die2RxError_Cnt_G_u16[2]==>Pos	
TS2.45CDD_Die2RxMtrPos_Cnt_G_u16[2]==>Min	
TS2.46CDD_Die2RxMtrPos_Cnt_G_u16[2]==>Max	
TS2.47CDD_Die2RxMtrPos_Cnt_G_u16[2]==>Pos	
TS2.48CDD_Die2RxRevCtr_Cnt_G_u16[2]==>Min	
TS2.49CDD_Die2RxRevCtr_Cnt_G_u16[2]==>Max	
TS2.50CDD_Die2RxRevCtr_Cnt_G_u16[2]==>Pos	
TS2.51CDD_PWMDutyCycleASum_Cnt_G_u32[2]==>Min	
TS2.52CDD_PWMDutyCycleASum_Cnt_G_u32[2]==>Max	
TS2.53CDD_PWMDutyCycleASum_Cnt_G_u32[2]==>Pos	
TS2.54CDD_PWMDutyCycleBSum_Cnt_G_u32[2]==>Min	
TS2.55CDD_PWMDutyCycleBSum_Cnt_G_u32[2]==>Max	
TS2.56CDD_PWMDutyCycleBSum_Cnt_G_u32[2]==>Pos	
TS2.57CDD_PWMDutyCycleCSum_Cnt_G_u32[2]==>Min	
TS2.58CDD_PWMDutyCycleCSum_Cnt_G_u32[2]==>Max	
TS2.59CDD_PWMDutyCycleCSum_Cnt_G_u32[2]==>Pos	
TS2.60CDD_PhaseAdvFinal_Cnt_G_u16[2]==>Min	
TS2.61CDD_PhaseAdvFinal_Cnt_G_u16[2]==>Max	
TS2.62CDD_PhaseAdvFinal_Cnt_G_u16[2]==>Pos	
TS2.63CDD_MechMtrPos1_Rev_G_u0p16[2]==>Min	
TS2.64CDD_MechMtrPos1_Rev_G_u0p16[2]==>Max	
TS2.65CDD_MechMtrPos1_Rev_G_u0p16[2]==>Pos	
TS2.66CDD_MechMtrPos1TimeStamp_uSec_G_u32[2]==>Min	
TS2.67CDD_MechMtrPos1TimeStamp_uSec_G_u32[2]==>Max	
TS2.68CDD_MechMtrPos1TimeStamp_uSec_G_u32[2]==>Pos	
TS2.69CDD_ModIdxFinal_Uls_G_u16p16[2]==>Min	
TS2.70CDD_ModIdxFinal_Uls_G_u16p16[2]==>Max	
TS2.71CDD_ModIdxFinal_Uls_G_u16p16[2]==>Pos	
TS2.72CDD_MtrCurrDax_Amp_G_f32[2]==>Min	
TS2.73CDD_MtrCurrDax_Amp_G_f32[2]==>Max	
TS2.74CDD_MtrCurrDax_Amp_G_f32[2]==>Pos	
TS2.75CDD_MtrCurrDax_Amp_G_f32[2]==>Zero	
TS2.76CDD_MtrCurrDax_Amp_G_f32[2]==>Neg	
TS2.77CDD_MtrCurrK1_Amps_G_f32[2]==>Min	
TS2.78CDD_MtrCurrK1_Amps_G_f32[2]==>Max	
TS2.79CDD_MtrCurrK1_Amps_G_f32[2]==>Pos	
TS2.80CDD_MtrCurrK1_Amps_G_f32[2]==>Zero	
TS2.81CDD_MtrCurrK1_Amps_G_f32[2]==>Neg	
TS2.82CDD_MtrCurrK2_Amps_G_f32[2]==>Min	
TS2.83CDD_MtrCurrK2_Amps_G_f32[2]==>Max	
TS2.84CDD_MtrCurrK2_Amps_G_f32[2]==>Pos	
TS2.85CDD_MtrCurrK2_Amps_G_f32[2]==>Zero	
TS2.86CDD_MtrCurrK2_Amps_G_f32[2]==>Neg	
TS2.87CDD_MtrCurrQaxFinalRef_Amp_G_f32[2]==>Min	
TS2.88CDD_MtrCurrQaxFinalRef_Amp_G_f32[2]==>Max	
TS2.89CDD_MtrCurrQaxFinalRef_Amp_G_f32[2]==>Pos	
TS2.90CDD_MtrCurrQaxFinalRef_Amp_G_f32[2]==>Zero	
TS2.91CDD_MtrCurrQaxFinalRef_Amp_G_f32[2]==>Neg	
TS2.92CDD_MtrCurrQax_Amp_G_f32[2]==>Min	
TS2.93CDD_MtrCurrQax_Amp_G_f32[2]==>Max	
TS2.94CDD_MtrCurrQax_Amp_G_f32[2]==>Pos	



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TS2.95CDD\_MtrCurrQax\_Amp\_G\_f32[2]==>Zero  
 TS2.96CDD\_MtrCurrQax\_Amp\_G\_f32[2]==>Neg  
 TS2.97CDD\_MtrVoltDax\_Volt\_G\_f32[2]==>Min  
 TS2.98CDD\_MtrVoltDax\_Volt\_G\_f32[2]==>Max  
 TS2.99CDD\_MtrVoltDax\_Volt\_G\_f32[2]==>Pos  
 TS2.100CDD\_MtrVoltQax\_Volt\_G\_f32[2]==>Min  
 TS2.101CDD\_MtrVoltQax\_Volt\_G\_f32[2]==>Max  
 TS2.102CDD\_MtrVoltQax\_Volt\_G\_f32[2]==>Pos  
 TS2.103CDD\_RxMtrPosParityAccum\_Cnt\_G\_u16[2]==>Min  
 TS2.104CDD\_RxMtrPosParityAccum\_Cnt\_G\_u16[2]==>Max  
 TS2.105CDD\_RxMtrPosParityAccum\_Cnt\_G\_u16[2]==>Pos  
 TS2.106CDD\_SysCCorrectedElecMtrPos\_Rev\_G\_u0p16[2]==>Min  
 TS2.107CDD\_SysCCorrectedElecMtrPos\_Rev\_G\_u0p16[2]==>Max  
 TS2.108CDD\_SysCCorrectedElecMtrPos\_Rev\_G\_u0p16[2]==>Pos  
 TS2.109CDD\_SysCVSwitchADC\_Cnt\_G\_u16[2]==>Min  
 TS2.110CDD\_SysCVSwitchADC\_Cnt\_G\_u16[2]==>Max  
 TS2.111CDD\_SysCVSwitchADC\_Cnt\_G\_u16[2]==>Pos  
 TS2.112CDD\_UncorrMechMtrPos1\_Rev\_G\_u0p16[2]==>Min  
 TS2.113CDD\_UncorrMechMtrPos1\_Rev\_G\_u0p16[2]==>Max  
 TS2.114CDD\_UncorrMechMtrPos1\_Rev\_G\_u0p16[2]==>Pos  
 TS2.115PXAaccumPrev\_Cnt\_M\_u32[3]==>Min  
 TS2.116PXAaccumPrev\_Cnt\_M\_u32[3]==>Max  
 TS2.117PXAaccumPrev\_Cnt\_M\_u32[3]==>Pos

## 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_s15p16[0]	0
CDD_CumMechMtrPos_Rev_s15p16[1]	0
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_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	0
CDD_Die1UnderVoltgFltAccum_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_MechMtrPos1_Rev_G_u0p16[0]	0
CDD_MechMtrPos1_Rev_G_u0p16[1]	0
CDD_ModIdxFinal_Uls_G_u16p16[0]	0
CDD_ModIdxFinal_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_MtrVoltDax_Volt_G_f32[0]	0
CDD_MtrVoltDax_Volt_G_f32[1]	0
CDD_MtrVoltQax_Volt_G_f32[0]	0
CDD_MtrVoltQax_Volt_G_f32[1]	0
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

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Name	Input Value
CDD_RxMtrPosParityAccum_Cnt_G_u16[0]	0
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	0
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	0
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	0
CDD_SysCVSwitchADC_Cnt_G_u16[0]	0
CDD_SysCVSwitchADC_Cnt_G_u16[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
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

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	✓
Rte_Task_2ms_10.Rte_TB.Rte_I_CDDInterface_SysCVSwitchADC_Cnt_u16.value	0	0	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	0	0	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	0	0	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0	0	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0	0 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	0	0	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	0	0	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	0	0	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_LRPRF	0	0	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	0	0	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	0	0	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	0	0	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	0	0 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	0	0	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Modldx	0	0 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	-220	-220	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	-220	-220	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	-220	-220	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	-220	-220	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	0	0	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	0	0	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_SysCC	0	0 ± 0.0000152587890625	✓

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]	0.99998498
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.99998498
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	65535
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	65535
CDD_CumMechMtrPos_Rev_s15p16[0]	65535
CDD_CumMechMtrPos_Rev_s15p16[1]	65535
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_Die1UnderVltgFltAccum_Cnt_G_u16[0]	65535
CDD_Die1UnderVltgFltAccum_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

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Name	Input Value		
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	4294967295		
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	4294967295		
CDD_MechMtrPos1_Rev_G_u0p16[0]	65535		
CDD_MechMtrPos1_Rev_G_u0p16[1]	65535		
CDD_ModIdxFinal_Uls_G_u16p16[0]	65536		
CDD_ModIdxFinal_Uls_G_u16p16[1]	65536		
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_MtrVoltDax_Volt_G_f32[0]	5		
CDD_MtrVoltDax_Volt_G_f32[1]	5		
CDD_MtrVoltQax_Volt_G_f32[0]	5		
CDD_MtrVoltQax_Volt_G_f32[1]	5		
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_RxMtrPosParityAccum_Cnt_G_u16[0]	65535		
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	65535		
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	65535		
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	65535		
CDD_SysCVSwitchADC_Cnt_G_u16[0]	4095		
CDD_SysCVSwitchADC_Cnt_G_u16[1]	4095		
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		
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	4294967295		
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	4294967295		
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	4294967295		
Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	0	0	✔
PXAccumPrev_Cnt_M_u32[0]	536870911	536870911	✔
PXAccumPrev_Cnt_M_u32[1]	536870911	536870911	✔
PXAccumPrev_Cnt_M_u32[2]	536870911	536870911	✔
Rte_Task_2ms_10.Rte_TB.Rte_I_CDDInterface_SysCVSwitchADC_Cnt_u16.value	4095	4095	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	5	5	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	5	5	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.99998498	0.99998498	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.999984741	0.99998498 ± 0.0000152587890625	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	200000	200000	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	200000	200000	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	200000	200000	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_LRPRF	0	0	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	0	0	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	0	0	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	0	0	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	0.999984741	0.99998498 ± 0.0000152587890625	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	4294967295	4294967295	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ModIdx	1	1 ± 0.0000152587890625	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCun	220	220	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCun	220	220	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCun	220	220	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCun	220	220	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCun	220	220	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCun	220	220	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	5	5	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	5	5	✔

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Name	Actual Value	Expected Value	Result
Rte_Task_2rms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_SysCC	0.999984741	0.99998498 ± 0.0000152587890625	✓

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
CDDPorts_ClearPhsReasSum	1	CDDPorts_ClearPhsReasSum	1	✓

## Test Step 2.3 (Repeat Count = 1)

Name	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16	0
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	0.490200013
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.490294993
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	32126
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	32132
CDD_CumMechMtrPos_Rev_s15p16[0]	32126
CDD_CumMechMtrPos_Rev_s15p16[1]	32132
CDD_Die1RxError_Cnt_G_u16[0]	5261
CDD_Die1RxError_Cnt_G_u16[1]	7527
CDD_Die1RxMtrPos_Cnt_G_u16[0]	5261
CDD_Die1RxMtrPos_Cnt_G_u16[1]	7527
CDD_Die1RxRevCtr_Cnt_G_u16[0]	5261
CDD_Die1RxRevCtr_Cnt_G_u16[1]	7527
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	5261
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]	7527
CDD_Die2RxError_Cnt_G_u16[0]	5261
CDD_Die2RxError_Cnt_G_u16[1]	7527
CDD_Die2RxMtrPos_Cnt_G_u16[0]	5261
CDD_Die2RxMtrPos_Cnt_G_u16[1]	7527
CDD_Die2RxRevCtr_Cnt_G_u16[0]	5261
CDD_Die2RxRevCtr_Cnt_G_u16[1]	7527
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	4107777421
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	1367012853
CDD_MechMtrPos1_Rev_G_u0p16[0]	32126
CDD_MechMtrPos1_Rev_G_u0p16[1]	32132
CDD_ModIdxFinal_Uls_G_u16p16[0]	48126
CDD_ModIdxFinal_Uls_G_u16p16[1]	11744
CDD_MtrCurr1_Volts_G_f32[0]	3.09940004
CDD_MtrCurr1_Volts_G_f32[1]	4.5
CDD_MtrCurr2_Volts_G_f32[0]	3.09998012
CDD_MtrCurr2_Volts_G_f32[1]	4.5
CDD_MtrCurrDax_Amp_G_f32[0]	214.837006
CDD_MtrCurrDax_Amp_G_f32[1]	215.839996
CDD_MtrCurrK1_Amps_G_f32[0]	-78.0100021
CDD_MtrCurrK1_Amps_G_f32[1]	67.4800034
CDD_MtrCurrK2_Amps_G_f32[0]	16.2199993
CDD_MtrCurrK2_Amps_G_f32[1]	17.2299995
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	10.25
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	15.3599997
CDD_MtrCurrQax_Amp_G_f32[0]	100.264999
CDD_MtrCurrQax_Amp_G_f32[1]	110.487999
CDD_MtrVoltDax_Volt_G_f32[0]	1.09998
CDD_MtrVoltDax_Volt_G_f32[1]	2.19994998
CDD_MtrVoltQax_Volt_G_f32[0]	0.81004101
CDD_MtrVoltQax_Volt_G_f32[1]	1.97923005
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]	2236
CDD_PWMdutyCycleCSum_Cnt_G_u32[1]	2852
CDD_PhaseAdvFinal_Cnt_G_u16[0]	5261
CDD_PhaseAdvFinal_Cnt_G_u16[1]	7527
CDD_RxMtrPosParityAccum_Cnt_G_u16[0]	5261
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	7527
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	32126
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	32132
CDD_SysCVSwitchADC_Cnt_G_u16[0]	366
CDD_SysCVSwitchADC_Cnt_G_u16[1]	994
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	32126
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	32132
PXAccumPrev_Cnt_M_u32[0]	227851622

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Name	Input Value		
PXAccumPrev_Cnt_M_u32[1]	273300146		
PXAccumPrev_Cnt_M_u32[2]	279159520		
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	552927232		
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	1979641344		
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	950217728		
Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	1	1	✓
PXAccumPrev_Cnt_M_u32[0]	69115904	69115904	✓
PXAccumPrev_Cnt_M_u32[1]	247455168	247455168	✓
PXAccumPrev_Cnt_M_u32[2]	118777216	118777216	✓
Rte_Task_2ms_10.Rte_TB.Rte_I_CDDInterface_SysCVSwitchADC_Cnt_u16.value	366	366	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	3.09940004	3.09940004	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	3.09998012	3.09998012	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.490200013	0.490200013	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.490203857	0.490204006 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	100	100	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	1994	1994	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	2236	2236	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_LRPRF	493	493	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	378135194	378135194	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	511025934	511025934	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	376488608	376488608	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	0.490203857	0.490204006 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	4107777421	4107777421	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Modl	0.734344482	0.734344006 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	214.837006	214.837006	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	-78.0100021	-78.0100021	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	16.2199993	16.2199993	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	100.264999	100.264999	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	10.25	10.25	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	1.09998	1.09998	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	0.81004101	0.81004101	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_SysCC	0.490203857	0.490204006 ± 0.0000152587890625	✓

Test Step Call Trace				
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]	0.123993002
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.1241
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	8126
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	8133
CDD_CumMechMtrPos_Rev_s15p16[0]	8126
CDD_CumMechMtrPos_Rev_s15p16[1]	8133
CDD_Die1RxError_Cnt_G_u16[0]	5382
CDD_Die1RxError_Cnt_G_u16[1]	7714
CDD_Die1RxMtrPos_Cnt_G_u16[0]	5382
CDD_Die1RxMtrPos_Cnt_G_u16[1]	7714
CDD_Die1RxRevCtr_Cnt_G_u16[0]	5382
CDD_Die1RxRevCtr_Cnt_G_u16[1]	7714
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	5382
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]	7714
CDD_Die2RxError_Cnt_G_u16[0]	5382
CDD_Die2RxError_Cnt_G_u16[1]	7714
CDD_Die2RxMtrPos_Cnt_G_u16[0]	5382
CDD_Die2RxMtrPos_Cnt_G_u16[1]	7714
CDD_Die2RxRevCtr_Cnt_G_u16[0]	5382
CDD_Die2RxRevCtr_Cnt_G_u16[1]	7714
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	873492437
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	3391496898
CDD_MechMtrPos1_Rev_G_u0p16[0]	8126
CDD_MechMtrPos1_Rev_G_u0p16[1]	8133
CDD_ModlxFinal_Uls_G_u16p16[0]	31902
CDD_ModlxFinal_Uls_G_u16p16[1]	36830
CDD_MtrCurr1_Volts_G_f32[0]	4.19899988
CDD_MtrCurr1_Volts_G_f32[1]	4.91099977
CDD_MtrCurr2_Volts_G_f32[0]	4.19995022

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Name	Input Value
CDD_MtrCurr2_Volts_G_f32[1]	4.9000001
CDD_MtrCurrDax_Amp_G_f32[0]	10.25
CDD_MtrCurrDax_Amp_G_f32[1]	15.3599997
CDD_MtrCurrK1_Amps_G_f32[0]	-120.220001
CDD_MtrCurrK1_Amps_G_f32[1]	104.269997
CDD_MtrCurrK2_Amps_G_f32[0]	17.4400005
CDD_MtrCurrK2_Amps_G_f32[1]	18.0100002
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	25.3600006
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	35.8899994
CDD_MtrCurrQax_Amp_G_f32[0]	-134.268005
CDD_MtrCurrQax_Amp_G_f32[1]	-123.785004
CDD_MtrVoltDax_Volt_G_f32[0]	2.29999995
CDD_MtrVoltDax_Volt_G_f32[1]	3.5
CDD_MtrVoltQax_Volt_G_f32[0]	4.79246998
CDD_MtrVoltQax_Volt_G_f32[1]	1.82098997
CDD_PWMdutyCycleASum_Cnt_G_u32[0]	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_RxMtrPosParityAccum_Cnt_G_u16[0]	5382
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	7714
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	8126
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	8133
CDD_SysCVSwitchADC_Cnt_G_u16[0]	3742
CDD_SysCVSwitchADC_Cnt_G_u16[1]	1715
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	8126
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	8133
PXAccumPrev_Cnt_M_u32[0]	12370977
PXAccumPrev_Cnt_M_u32[1]	278338027
PXAccumPrev_Cnt_M_u32[2]	373005371
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	1958724352
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	1322907904
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	3982835456

Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	0	0	✓
PXAccumPrev_Cnt_M_u32[0]	244840544	244840544	✓
PXAccumPrev_Cnt_M_u32[1]	165363488	165363488	✓
PXAccumPrev_Cnt_M_u32[2]	497854432	497854432	✓
Rte_Task_2ms_10.Rte_TB.Rte_I_CDDInterface_SysCVSwitchADC_Cnt_u16.value	1715	1715	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	4.91099977	4.91099977	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	4.9000001	4.9000001	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.1241	0.1241	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.124099731	0.1241 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	156	156	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	2665	2665	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	3039	3039	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_LRPRF	723	723	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	232469567	232469567	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	423896373	423896373	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	124849061	124849061	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	0.124099731	0.1241 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	3391496898	3391496898	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Modldx	0.561981201	0.561981022 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	15.3599997	15.3599997	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	104.269997	104.269997	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	18.0100002	18.0100002	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	-123.785004	-123.785004	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	35.8899994	35.8899994	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	3.5	3.5	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	1.82098997	1.82098997	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_SysCC	0.124099731	0.1241 ± 0.0000152587890625	✓

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

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Test Step 2.5 (Repeat Count = 1)				✔
Name		Input Value		
CDD_CDDDataAccessBfr_Cnt_G_u16		1		
CDD_CorrMtrCurrPosition_Rev_G_f32[0]		0.312896997		
CDD_CorrMtrCurrPosition_Rev_G_f32[1]		0.312999994		
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]		20506		
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]		20513		
CDD_CumMechMtrPos_Rev_s15p16[0]		20506		
CDD_CumMechMtrPos_Rev_s15p16[1]		20513		
CDD_Die1RxError_Cnt_G_u16[0]		5624		
CDD_Die1RxError_Cnt_G_u16[1]		8088		
CDD_Die1RxMtrPos_Cnt_G_u16[0]		5624		
CDD_Die1RxMtrPos_Cnt_G_u16[1]		8088		
CDD_Die1RxRevCtr_Cnt_G_u16[0]		5624		
CDD_Die1RxRevCtr_Cnt_G_u16[1]		8088		
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]		5624		
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]		8088		
CDD_Die2RxError_Cnt_G_u16[0]		5624		
CDD_Die2RxError_Cnt_G_u16[1]		8088		
CDD_Die2RxMtrPos_Cnt_G_u16[0]		5624		
CDD_Die2RxMtrPos_Cnt_G_u16[1]		8088		
CDD_Die2RxRevCtr_Cnt_G_u16[0]		5624		
CDD_Die2RxRevCtr_Cnt_G_u16[1]		8088		
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]		3282847839		
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]		2695739559		
CDD_MechMtrPos1_Rev_G_u0p16[0]		20506		
CDD_MechMtrPos1_Rev_G_u0p16[1]		20513		
CDD_ModlxdFinal_Uls_G_u16p16[0]		10443		
CDD_ModlxdFinal_Uls_G_u16p16[1]		4356		
CDD_MtrCurr1_Volts_G_f32[0]		2.82229996		
CDD_MtrCurr1_Volts_G_f32[1]		3.69989991		
CDD_MtrCurr2_Volts_G_f32[0]		2.79999995		
CDD_MtrCurr2_Volts_G_f32[1]		3.69994998		
CDD_MtrCurrDax_Amp_G_f32[0]		40.4700012		
CDD_MtrCurrDax_Amp_G_f32[1]		56.4199982		
CDD_MtrCurrK1_Amps_G_f32[0]		-204.639999		
CDD_MtrCurrK1_Amps_G_f32[1]		-177.850006		
CDD_MtrCurrK2_Amps_G_f32[0]		19.8799992		
CDD_MtrCurrK2_Amps_G_f32[1]		19.5699997		
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]		55.5800018		
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]		76.9499969		
CDD_MtrCurrQax_Amp_G_f32[0]		-181.828003		
CDD_MtrCurrQax_Amp_G_f32[1]		-170.824997		
CDD_MtrVoltDax_Volt_G_f32[0]		2.19994998		
CDD_MtrVoltDax_Volt_G_f32[1]		3.29999995		
CDD_MtrVoltQax_Volt_G_f32[0]		1.29009998		
CDD_MtrVoltQax_Volt_G_f32[1]		1.34414005		
CDD_PWMDCycleASum_Cnt_G_u32[0]		142		
CDD_PWMDCycleASum_Cnt_G_u32[1]		158		
CDD_PWMDCycleBSum_Cnt_G_u32[0]		2357		
CDD_PWMDCycleBSum_Cnt_G_u32[1]		3039		
CDD_PWMDCycleCSum_Cnt_G_u32[0]		2599		
CDD_PWMDCycleCSum_Cnt_G_u32[1]		3413		
CDD_PhaseAdvFinal_Cnt_G_u16[0]		5624		
CDD_PhaseAdvFinal_Cnt_G_u16[1]		8088		
CDD_RxMtrPosParityAccum_Cnt_G_u16[0]		5624		
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]		8088		
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]		20506		
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]		20513		
CDD_SysCVSwitchADC_Cnt_G_u16[0]		3126		
CDD_SysCVSwitchADC_Cnt_G_u16[1]		3970		
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]		20506		
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]		20513		
PXAccumPrev_Cnt_M_u32[0]		525540255		
PXAccumPrev_Cnt_M_u32[1]		90439498		
PXAccumPrev_Cnt_M_u32[2]		312001061		
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word		204175872		
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word		3526678528		
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word		590022144		
Name	Actual Value	Expected Value	Result	
CDD_CDDDataAccessBfr_Cnt_G_u16	0	0	✔	
PXAccumPrev_Cnt_M_u32[0]	25521984	25521984	✔	
PXAccumPrev_Cnt_M_u32[1]	440834816	440834816	✔	



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Name	Actual Value	Expected Value	Result
PXAccumPrev_Cnt_M_u32[2]	73752768	73752768	✓
Rte_Task_2ms_10.Rte_TB.Rte_I_CDDInterface_SysCVSwitchADC_Cnt_u16.value	3970	3970	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCMt	3.69989991	3.69989991	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCMt	3.69994998	3.69994998	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrMt	0.312999994	0.312999994	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrMt	0.31300354	0.313003987 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	158	158	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	3039	3039	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	3413	3413	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_LRPRF	758	758	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measui	36852641	36852641	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measui	350395318	350395318	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measui	298622619	298622619	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	0.31300354	0.313003987 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	2695739559	2695739559	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Modlxd	0.0664672852	0.0664673001 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCurr	56.4199982	56.4199982	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCurr	-177.850006	-177.850006	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCurr	19.5699997	19.5699997	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCurr	-170.824997	-170.824997	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCurr	76.9499969	76.9499969	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	3.29999995	3.29999995	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	1.34414005	1.34414005	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_SysCC	0.31300354	0.313003987 ± 0.0000152587890625	✓

Test Step Call Trace				
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]	0.411697
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.411799997
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	26981
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	26988
CDD_CumMechMtrPos_Rev_s15p16[0]	26981
CDD_CumMechMtrPos_Rev_s15p16[1]	26988
CDD_Die1RxError_Cnt_G_u16[0]	5745
CDD_Die1RxError_Cnt_G_u16[1]	8275
CDD_Die1RxMtrPos_Cnt_G_u16[0]	5745
CDD_Die1RxMtrPos_Cnt_G_u16[1]	8275
CDD_Die1RxRevCtr_Cnt_G_u16[0]	5745
CDD_Die1RxRevCtr_Cnt_G_u16[1]	8275
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	5745
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]	8275
CDD_Die2RxError_Cnt_G_u16[0]	5745
CDD_Die2RxError_Cnt_G_u16[1]	8275
CDD_Die2RxMtrPos_Cnt_G_u16[0]	5745
CDD_Die2RxMtrPos_Cnt_G_u16[1]	8275
CDD_Die2RxRevCtr_Cnt_G_u16[0]	5745
CDD_Die2RxRevCtr_Cnt_G_u16[1]	8275
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	350374653
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	2843243993
CDD_MechMtrPos1_Rev_G_u0p16[0]	26981
CDD_MechMtrPos1_Rev_G_u0p16[1]	26988
CDD_ModlxdFinal_Uls_G_u16p16[0]	32888
CDD_ModlxdFinal_Uls_G_u16p16[1]	45440
CDD_MtrCurr1_Volts_G_f32[0]	1.39999998
CDD_MtrCurr1_Volts_G_f32[1]	1.59990001
CDD_MtrCurr2_Volts_G_f32[0]	1.39999998
CDD_MtrCurr2_Volts_G_f32[1]	1.59998
CDD_MtrCurrDax_Amp_G_f32[0]	55.5800018
CDD_MtrCurrDax_Amp_G_f32[1]	76.9499969
CDD_MtrCurrK1_Amps_G_f32[0]	-207.679993
CDD_MtrCurrK1_Amps_G_f32[1]	-130.020004
CDD_MtrCurrK2_Amps_G_f32[0]	21.1000004
CDD_MtrCurrK2_Amps_G_f32[1]	20.3500004
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	-97.4800034
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	-70.6900024



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Name	Input Value
CDD_MtrCurrQax_Amp_G_f32[0]	194.345001
CDD_MtrCurrQax_Amp_G_f32[1]	205.608002
CDD_MtrVoltDax_Volt_G_f32[0]	2.5
CDD_MtrVoltDax_Volt_G_f32[1]	3.4000001
CDD_MtrVoltQax_Volt_G_f32[0]	0.810608029
CDD_MtrVoltQax_Volt_G_f32[1]	4.61828995
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]	5745
CDD_PhaseAdvFinal_Cnt_G_u16[1]	8275
CDD_RxMtrPosParityAccum_Cnt_G_u16[0]	5745
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	8275
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	26981
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	26988
CDD_SysCVSwitchADC_Cnt_G_u16[0]	1565
CDD_SysCVSwitchADC_Cnt_G_u16[1]	644
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	26981
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	26988
PXAccumPrev_Cnt_M_u32[0]	142546218
PXAccumPrev_Cnt_M_u32[1]	121165277
PXAccumPrev_Cnt_M_u32[2]	246020479
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	0
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	3462413056
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	3048583424

Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	0	0	✓
PXAccumPrev_Cnt_M_u32[0]	0	0	✓
PXAccumPrev_Cnt_M_u32[1]	432801632	432801632	✓
PXAccumPrev_Cnt_M_u32[2]	381072928	381072928	✓
Rte_Task_2ms_10.Rte_TB.Rte_I_CDDInterface_SysCVSwitchADC_Cnt_u16.value	644	644	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	1.59990001	1.59990001	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	1.59998	1.59998	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.411799997	0.411799997	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.411804199	0.411803991 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	159	159	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	3226	3226	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	3600	3600	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_LRPRF	775	775	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	394324694	394324694	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	311636355	311636355	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	135052449	135052449	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	0.411804199	0.411803991 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	2843243993	2843243993	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Modl	0.693359375	0.693359017 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	76.9499969	76.9499969	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	-130.020004	-130.020004	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	20.3500004	20.3500004	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	205.608002	205.608002	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	-70.6900024	-70.6900024	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	3.4000001	3.4000001	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	4.61828995	4.61828995	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_SysCC	0.411804199	0.411803991 ± 0.0000152587890625	✓

## 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]	0.523697019
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.523800015
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	34321
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	34328
CDD_CumMechMtrPos_Rev_s15p16[0]	34321
CDD_CumMechMtrPos_Rev_s15p16[1]	34328

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Name	Input Value		
CDD_Die1RxError_Cnt_G_u16[0]	5628		
CDD_Die1RxError_Cnt_G_u16[1]	8097		
CDD_Die1RxMtrPos_Cnt_G_u16[0]	5628		
CDD_Die1RxMtrPos_Cnt_G_u16[1]	8097		
CDD_Die1RxRevCtr_Cnt_G_u16[0]	5628		
CDD_Die1RxRevCtr_Cnt_G_u16[1]	8097		
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	5628		
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]	8097		
CDD_Die2RxError_Cnt_G_u16[0]	5628		
CDD_Die2RxError_Cnt_G_u16[1]	8097		
CDD_Die2RxMtrPos_Cnt_G_u16[0]	5628		
CDD_Die2RxMtrPos_Cnt_G_u16[1]	8097		
CDD_Die2RxRevCtr_Cnt_G_u16[0]	5628		
CDD_Die2RxRevCtr_Cnt_G_u16[1]	8097		
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	472664732		
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	2820043235		
CDD_MechMtrPos1_Rev_G_u0p16[0]	34321		
CDD_MechMtrPos1_Rev_G_u0p16[1]	34328		
CDD_ModIdxFinal_Uls_G_u16p16[0]	43456		
CDD_ModIdxFinal_Uls_G_u16p16[1]	7567		
CDD_MtrCurr1_Volts_G_f32[0]	2.29999995		
CDD_MtrCurr1_Volts_G_f32[1]	3.5		
CDD_MtrCurr2_Volts_G_f32[0]	2.29999995		
CDD_MtrCurr2_Volts_G_f32[1]	3.5		
CDD_MtrCurrDax_Amp_G_f32[0]	-97.4800034		
CDD_MtrCurrDax_Amp_G_f32[1]	-70.6900024		
CDD_MtrCurrK1_Amps_G_f32[0]	131.320007		
CDD_MtrCurrK1_Amps_G_f32[1]	208.639999		
CDD_MtrCurrK2_Amps_G_f32[0]	22.3199997		
CDD_MtrCurrK2_Amps_G_f32[1]	21.1299992		
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	-25.5799999		
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	-20.4699993		
CDD_MtrCurrQax_Amp_G_f32[0]	120.710999		
CDD_MtrCurrQax_Amp_G_f32[1]	130.934006		
CDD_MtrVoltDax_Volt_G_f32[0]	3.09998012		
CDD_MtrVoltDax_Volt_G_f32[1]	4.5		
CDD_MtrVoltQax_Volt_G_f32[0]	1.27787995		
CDD_MtrVoltQax_Volt_G_f32[1]	4.59377003		
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_RxMtrPosParityAccum_Cnt_G_u16[0]	5628		
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	8097		
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	34321		
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	34328		
CDD_SysCVSwitchADC_Cnt_G_u16[0]	2550		
CDD_SysCVSwitchADC_Cnt_G_u16[1]	2971		
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	34321		
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	34328		
PXAccumPrev_Cnt_M_u32[0]	495729833		
PXAccumPrev_Cnt_M_u32[1]	145217328		
PXAccumPrev_Cnt_M_u32[2]	430168003		
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	4294967295		
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	925504000		
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	3531714560		
Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	0	0	✔
PXAccumPrev_Cnt_M_u32[0]	536870911	536870911	✔
PXAccumPrev_Cnt_M_u32[1]	115688000	115688000	✔
PXAccumPrev_Cnt_M_u32[2]	441464320	441464320	✔
Rte_Task_2ms_10.Rte_TB.Rte_I_CDDInterface_SysCVSwitchADC_Cnt_u16.value	2971	2971	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	3.5	3.5	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	3.5	3.5	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.523800015	0.523800015	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.523803711	0.523804009 ± 0.0000152587890625	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	160	160	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	3413	3413	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	3787	3787	✔

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Name	Actual Value	Expected Value	Result
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_LRPRF	759	759	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	41141078	41141078	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	507341584	507341584	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	11296317	11296317	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	0.523803711	0.523804009 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	2820043235	2820043235	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Modl	0.115463257	0.115463004 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	-70.6900024	-70.6900024	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	208.639999	208.639999	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	21.1299992	21.1299992	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	130.934006	130.934006	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	-20.4699993	-20.4699993	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	4.5	4.5	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	4.59377003	4.59377003	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_SysCC	0.523803711	0.523804009 ± 0.0000152587890625	✓

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]	0.165694997
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.165800005
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	10859
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	10866
CDD_CumMechMtrPos_Rev_s15p16[0]	10859
CDD_CumMechMtrPos_Rev_s15p16[1]	10866
CDD_Die1RxError_Cnt_G_u16[0]	5987
CDD_Die1RxError_Cnt_G_u16[1]	8649
CDD_Die1RxMtrPos_Cnt_G_u16[0]	5987
CDD_Die1RxMtrPos_Cnt_G_u16[1]	8649
CDD_Die1RxRevCtr_Cnt_G_u16[0]	5987
CDD_Die1RxRevCtr_Cnt_G_u16[1]	8649
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	5987
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]	8649
CDD_Die2RxError_Cnt_G_u16[0]	5987
CDD_Die2RxError_Cnt_G_u16[1]	8649
CDD_Die2RxMtrPos_Cnt_G_u16[0]	5987
CDD_Die2RxMtrPos_Cnt_G_u16[1]	8649
CDD_Die2RxRevCtr_Cnt_G_u16[0]	5987
CDD_Die2RxRevCtr_Cnt_G_u16[1]	8649
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	472664731
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	2820043234
CDD_MechMtrPos1_Rev_G_u0p16[0]	10859
CDD_MechMtrPos1_Rev_G_u0p16[1]	10866
CDD_ModlxdFinal_Uls_G_u16p16[0]	37186
CDD_ModlxdFinal_Uls_G_u16p16[1]	10003
CDD_MtrCurr1_Volts_G_f32[0]	2.19899988
CDD_MtrCurr1_Volts_G_f32[1]	3.29999995
CDD_MtrCurr2_Volts_G_f32[0]	2.19994998
CDD_MtrCurr2_Volts_G_f32[1]	3.29999995
CDD_MtrCurrDax_Amp_G_f32[0]	-118.010002
CDD_MtrCurrDax_Amp_G_f32[1]	-85.8000031
CDD_MtrCurrK1_Amps_G_f32[0]	132.619995
CDD_MtrCurrK1_Amps_G_f32[1]	209.600006
CDD_MtrCurrK2_Amps_G_f32[0]	-21.9099998
CDD_MtrCurrK2_Amps_G_f32[1]	-23.5400009
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	46.4199982
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	56.9500008
CDD_MtrCurrQax_Amp_G_f32[0]	144.751007
CDD_MtrCurrQax_Amp_G_f32[1]	155.233994
CDD_MtrVoltDax_Volt_G_f32[0]	4.19995022
CDD_MtrVoltDax_Volt_G_f32[1]	4.9000001
CDD_MtrVoltQax_Volt_G_f32[0]	0.684418023
CDD_MtrVoltQax_Volt_G_f32[1]	2.56818008
CDD_PWMDDutyCycleASum_Cnt_G_u32[0]	166
CDD_PWMDDutyCycleASum_Cnt_G_u32[1]	168
CDD_PWMDDutyCycleBSum_Cnt_G_u32[0]	2720

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Name	Input Value		
CDD_PWMDDutyCycleBSum_Cnt_G_u32[1]	3600		
CDD_PWMDDutyCycleCSum_Cnt_G_u32[0]	190		
CDD_PWMDDutyCycleCSum_Cnt_G_u32[1]	192		
CDD_PhaseAdvFinal_Cnt_G_u16[0]	5987		
CDD_PhaseAdvFinal_Cnt_G_u16[1]	8649		
CDD_RxMtrPosParityAccum_Cnt_G_u16[0]	5987		
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	8649		
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	10859		
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	10866		
CDD_SysCVSwitchADC_Cnt_G_u16[0]	1063		
CDD_SysCVSwitchADC_Cnt_G_u16[1]	1317		
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	10859		
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	10866		
PXAccumPrev_Cnt_M_u32[0]	228467531		
PXAccumPrev_Cnt_M_u32[1]	180504639		
PXAccumPrev_Cnt_M_u32[2]	408658191		
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	2645491456		
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	350784768		
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	2933502720		
Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	1	1	✓
PXAccumPrev_Cnt_M_u32[0]	330686432	330686432	✓
PXAccumPrev_Cnt_M_u32[1]	43848096	43848096	✓
PXAccumPrev_Cnt_M_u32[2]	366687840	366687840	✓
Rte_Task_2ms_10.Rte_TB.Rte_I_CDDInterface_SysCVSwitchADC_Cnt_u16.value	1063	1063	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	2.19899988	2.19899988	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	2.19994998	2.19994998	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.165694997	0.165694997	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.16569519	0.165694997 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	166	166	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	2720	2720	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	190	190	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_LRPRF	561	561	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	102218901	102218901	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	400214369	400214369	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	494900561	494900561	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	0.16569519	0.165694997 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	472664731	472664731	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Modldx	0.56741333	0.567412972 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	-118.010002	-118.010002	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	132.619995	132.619995	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	-21.9099998	-21.9099998	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	144.751007	144.751007	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	46.4199982	46.4199982	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	4.19995022	4.19995022	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	0.684418023	0.684418023	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_SysCC	0.16569519	0.165694997 ± 0.0000152587890625	✓

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
CDDPorts_ClearPhsReasSum	1	CDDPorts_ClearPhsReasSum	1	✓

## Test Step 2.9 (Repeat Count = 1)

Name	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16	1
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	0.231995001
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.232099995
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	15204
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	15211
CDD_CumMechMtrPos_Rev_s15p16[0]	15204
CDD_CumMechMtrPos_Rev_s15p16[1]	15211
CDD_Die1RxError_Cnt_G_u16[0]	6108
CDD_Die1RxError_Cnt_G_u16[1]	8836
CDD_Die1RxMtrPos_Cnt_G_u16[0]	6108
CDD_Die1RxMtrPos_Cnt_G_u16[1]	8836
CDD_Die1RxRevCtr_Cnt_G_u16[0]	6108
CDD_Die1RxRevCtr_Cnt_G_u16[1]	8836
CDD_Die1UnderVoltFltAccum_Cnt_G_u16[0]	6108
CDD_Die1UnderVoltFltAccum_Cnt_G_u16[1]	8836
CDD_Die2RxError_Cnt_G_u16[0]	6108

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Name	Input Value
CDD_Die2RxError_Cnt_G_u16[1]	8836
CDD_Die2RxMtrPos_Cnt_G_u16[0]	6108
CDD_Die2RxMtrPos_Cnt_G_u16[1]	8836
CDD_Die2RxRevCtr_Cnt_G_u16[0]	6108
CDD_Die2RxRevCtr_Cnt_G_u16[1]	8836
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	1999715327
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	1762676376
CDD_MechMtrPos1_Rev_G_u0p16[0]	15204
CDD_MechMtrPos1_Rev_G_u0p16[1]	15211
CDD_ModIdxFinal_Uls_G_u16p16[0]	56400
CDD_ModIdxFinal_Uls_G_u16p16[1]	36959
CDD_MtrCurr1_Volts_G_f32[0]	2.5
CDD_MtrCurr1_Volts_G_f32[1]	3.4000001
CDD_MtrCurr2_Volts_G_f32[0]	2.5
CDD_MtrCurr2_Volts_G_f32[1]	3.4000001
CDD_MtrCurrDax_Amp_G_f32[0]	100.910004
CDD_MtrCurrDax_Amp_G_f32[1]	138.539993
CDD_MtrCurrK1_Amps_G_f32[0]	133.919998
CDD_MtrCurrK1_Amps_G_f32[1]	210.559998
CDD_MtrCurrK2_Amps_G_f32[0]	-22.6900005
CDD_MtrCurrK2_Amps_G_f32[1]	-24.7600002
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	72.3700027
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	88.3199997
CDD_MtrCurrQax_Amp_G_f32[0]	-168.791
CDD_MtrCurrQax_Amp_G_f32[1]	-159.533997
CDD_MtrVoltDax_Volt_G_f32[0]	2.79999995
CDD_MtrVoltDax_Volt_G_f32[1]	3.69994998
CDD_MtrVoltQax_Volt_G_f32[0]	0.182381004
CDD_MtrVoltQax_Volt_G_f32[1]	1.08947003
CDD_PWMDCycleASum_Cnt_G_u32[0]	174
CDD_PWMDCycleASum_Cnt_G_u32[1]	176
CDD_PWMDCycleBSum_Cnt_G_u32[0]	2841
CDD_PWMDCycleBSum_Cnt_G_u32[1]	3787
CDD_PWMDCycleCSum_Cnt_G_u32[0]	2962
CDD_PWMDCycleCSum_Cnt_G_u32[1]	3974
CDD_PhaseAdvFinal_Cnt_G_u16[0]	6108
CDD_PhaseAdvFinal_Cnt_G_u16[1]	8836
CDD_RxMtrPosParityAccum_Cnt_G_u16[0]	6108
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	8836
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	15204
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	15211
CDD_SysCVSwitchADC_Cnt_G_u16[0]	2979
CDD_SysCVSwitchADC_Cnt_G_u16[1]	943
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	15204
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	15211
PXAccumPrev_Cnt_M_u32[0]	66101343
PXAccumPrev_Cnt_M_u32[1]	248725034
PXAccumPrev_Cnt_M_u32[2]	265511175
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	2063752704
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	0
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	1906158080

Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	0	0	✔
PXAccumPrev_Cnt_M_u32[0]	257969088	257969088	✔
PXAccumPrev_Cnt_M_u32[1]	0	0	✔
PXAccumPrev_Cnt_M_u32[2]	238269760	238269760	✔
Rte_Task_2ms_10.Rte_TB.Rte_I_CDDInterface_SysCVSwitchADC_Cnt_u16.value	943	943	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	3.4000001	3.4000001	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	3.4000001	3.4000001	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.232099995	0.232099995	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.23210144	0.232100993 ± 0.0000152587890625	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	176	176	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	3787	3787	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	3974	3974	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_LRPRF	828	828	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	191867745	191867745	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	288145878	288145878	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	509629497	509629497	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	0.23210144	0.232100993 ± 0.0000152587890625	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	1762676376	1762676376	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ModIdx	0.563949585	0.563950002 ± 0.0000152587890625	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	138.539993	138.539993	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	210.559998	210.559998	✔

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Name	Actual Value	Expected Value	Result
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	-24.7600002	-24.7600002	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	-159.533997	-159.533997	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	88.3199997	88.3199997	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	3.69994998	3.69994998	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	1.08947003	1.08947003	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_SysCC	0.23210144	0.232100993 ± 0.0000152587890625	✓

Test Step Call Trace				
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]	0.185699001
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.195899993
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	12170
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	12839
CDD_CumMechMtrPos_Rev_s15p16[0]	12170
CDD_CumMechMtrPos_Rev_s15p16[1]	12839
CDD_Die1RxError_Cnt_G_u16[0]	6229
CDD_Die1RxError_Cnt_G_u16[1]	9023
CDD_Die1RxMtrPos_Cnt_G_u16[0]	6229
CDD_Die1RxMtrPos_Cnt_G_u16[1]	9023
CDD_Die1RxRevCtr_Cnt_G_u16[0]	6229
CDD_Die1RxRevCtr_Cnt_G_u16[1]	9023
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	6229
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]	9023
CDD_Die2RxError_Cnt_G_u16[0]	6229
CDD_Die2RxError_Cnt_G_u16[1]	9023
CDD_Die2RxMtrPos_Cnt_G_u16[0]	6229
CDD_Die2RxMtrPos_Cnt_G_u16[1]	9023
CDD_Die2RxRevCtr_Cnt_G_u16[0]	6229
CDD_Die2RxRevCtr_Cnt_G_u16[1]	9023
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	1951727467
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	648188276
CDD_MechMtrPos1_Rev_G_u0p16[0]	12170
CDD_MechMtrPos1_Rev_G_u0p16[1]	12839
CDD_ModIdxFinal_Uls_G_u16p16[0]	18096
CDD_ModIdxFinal_Uls_G_u16p16[1]	21816
CDD_MtrCurr1_Volts_G_f32[0]	3.09990001
CDD_MtrCurr1_Volts_G_f32[1]	4.5
CDD_MtrCurr2_Volts_G_f32[0]	3.09998012
CDD_MtrCurr2_Volts_G_f32[1]	4.5
CDD_MtrCurrDax_Amp_G_f32[0]	116.019997
CDD_MtrCurrDax_Amp_G_f32[1]	159.070007
CDD_MtrCurrK1_Amps_G_f32[0]	135.220001
CDD_MtrCurrK1_Amps_G_f32[1]	211.520004
CDD_MtrCurrK2_Amps_G_f32[0]	25.9799995
CDD_MtrCurrK2_Amps_G_f32[1]	23.4699993
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	-35.7999992
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	30.6900005
CDD_MtrCurrQax_Amp_G_f32[0]	192.830994
CDD_MtrCurrQax_Amp_G_f32[1]	203.834
CDD_MtrVoltDax_Volt_G_f32[0]	1.39999998
CDD_MtrVoltDax_Volt_G_f32[1]	1.59998
CDD_MtrVoltQax_Volt_G_f32[0]	1.82535994
CDD_MtrVoltQax_Volt_G_f32[1]	3.6389699
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_RxMtrPosParityAccum_Cnt_G_u16[0]	6229
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	9023
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	12170
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	12839



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Name	Input Value		
CDD_SysCVSwitchADC_Cnt_G_u16[0]	4000		
CDD_SysCVSwitchADC_Cnt_G_u16[1]	1650		
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	12170		
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	12839		
PXAccumPrev_Cnt_M_u32[0]	10303893		
PXAccumPrev_Cnt_M_u32[1]	90923017		
PXAccumPrev_Cnt_M_u32[2]	270157650		
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	3650070784		
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	4294967295		
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	1374536960		
Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	0	0	✔
PXAccumPrev_Cnt_M_u32[0]	456258848	456258848	✔
PXAccumPrev_Cnt_M_u32[1]	536870911	536870911	✔
PXAccumPrev_Cnt_M_u32[2]	171817120	171817120	✔
Rte_Task_2ms_10.Rte_TB.Rte_I_CDDInterface_SysCVSwitchADC_Cnt_u16.value	1650	1650	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCMt	4.5	4.5	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCMt	4.5	4.5	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrMt	0.195899993	0.195899993	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrMt	0.195907593	0.195907995 ± 0.0000152587890625	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	184	184	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	192	192	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	4161	4161	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_LRPRF	845	845	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measur	445954955	445954955	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measur	445947894	445947894	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measur	438530382	438530382	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	0.195907593	0.195907995 ± 0.0000152587890625	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	648188276	648188276	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ModIdx	0.332885742	0.33288601 ± 0.0000152587890625	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	159.070007	159.070007	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	211.520004	211.520004	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	23.4699993	23.4699993	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	203.834	203.834	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	30.6900005	30.6900005	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	1.59998	1.59998	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	3.6389699	3.6389699	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_SysCC	0.195907593	0.195907995 ± 0.0000152587890625	✔

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]	0.731994987
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.832198977
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	47972
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	54539
CDD_CumMechMtrPos_Rev_s15p16[0]	47972
CDD_CumMechMtrPos_Rev_s15p16[1]	54539
CDD_Die1RxError_Cnt_G_u16[0]	6350
CDD_Die1RxError_Cnt_G_u16[1]	9210
CDD_Die1RxMtrPos_Cnt_G_u16[0]	6350
CDD_Die1RxMtrPos_Cnt_G_u16[1]	9210
CDD_Die1RxRevCtr_Cnt_G_u16[0]	6350
CDD_Die1RxRevCtr_Cnt_G_u16[1]	9210
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	6350
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]	9210
CDD_Die2RxError_Cnt_G_u16[0]	6350
CDD_Die2RxError_Cnt_G_u16[1]	9210
CDD_Die2RxMtrPos_Cnt_G_u16[0]	6350
CDD_Die2RxMtrPos_Cnt_G_u16[1]	9210
CDD_Die2RxRevCtr_Cnt_G_u16[0]	6350
CDD_Die2RxRevCtr_Cnt_G_u16[1]	9210
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	1204171193
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	1084180652
CDD_MechMtrPos1_Rev_G_u0p16[0]	47972
CDD_MechMtrPos1_Rev_G_u0p16[1]	54539

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Name	Input Value		
CDD_ModIdxFinal_Uls_G_u16p16[0]	60095		
CDD_ModIdxFinal_Uls_G_u16p16[1]	53799		
CDD_MtrCurr1_Volts_G_f32[0]	4.19995022		
CDD_MtrCurr1_Volts_G_f32[1]	4.9000001		
CDD_MtrCurr2_Volts_G_f32[0]	4.19995022		
CDD_MtrCurr2_Volts_G_f32[1]	4.9000001		
CDD_MtrCurrDax_Amp_G_f32[0]	131.130005		
CDD_MtrCurrDax_Amp_G_f32[1]	179.600006		
CDD_MtrCurrK1_Amps_G_f32[0]	136.520004		
CDD_MtrCurrK1_Amps_G_f32[1]	212.479996		
CDD_MtrCurrK2_Amps_G_f32[0]	27.2000008		
CDD_MtrCurrK2_Amps_G_f32[1]	24.25		
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	-78.0100021		
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	67.4800034		
CDD_MtrCurrQax_Amp_G_f32[0]	141.156998		
CDD_MtrCurrQax_Amp_G_f32[1]	151.380005		
CDD_MtrVoltDax_Volt_G_f32[0]	1.55999994		
CDD_MtrVoltDax_Volt_G_f32[1]	1.88999999		
CDD_MtrVoltQax_Volt_G_f32[0]	4.49730015		
CDD_MtrVoltQax_Volt_G_f32[1]	3.15028		
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]	3204		
CDD_PWMdutyCycleCSum_Cnt_G_u32[1]	4348		
CDD_PhaseAdvFinal_Cnt_G_u16[0]	6350		
CDD_PhaseAdvFinal_Cnt_G_u16[1]	9210		
CDD_RxMtrPosParityAccum_Cnt_G_u16[0]	6350		
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	9210		
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	47972		
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	54539		
CDD_SysCVSwitchADC_Cnt_G_u16[0]	1921		
CDD_SysCVSwitchADC_Cnt_G_u16[1]	2328		
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	47972		
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	54539		
PXAccumPrev_Cnt_M_u32[0]	88205998		
PXAccumPrev_Cnt_M_u32[1]	24182003		
PXAccumPrev_Cnt_M_u32[2]	219863622		
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	1691600896		
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	1766704640		
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	2804511744		
Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	1	1	✔
PXAccumPrev_Cnt_M_u32[0]	211450112	211450112	✔
PXAccumPrev_Cnt_M_u32[1]	220838080	220838080	✔
PXAccumPrev_Cnt_M_u32[2]	350563968	350563968	✔
Rte_Task_2ms_10.Rte_TB.Rte_I_CDDInterface_SysCVSwitchADC_Cnt_u16.value	1921	1921	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	4.19995022	4.19995022	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	4.19995022	4.19995022	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.731994987	0.731994987	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.731994629	0.731994987 ± 0.0000152587890625	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	190	190	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	100	100	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	3204	3204	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_LRPRF	595	595	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	123244114	123244114	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	196656077	196656077	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	130700346	130700346	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	0.731994629	0.731994987 ± 0.0000152587890625	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	1204171193	1204171193	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ModIdx	0.916976929	0.916976988 ± 0.0000152587890625	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	131.130005	131.130005	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	136.520004	136.520004	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	27.2000008	27.2000008	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	141.156998	141.156998	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	-78.0100021	-78.0100021	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	1.55999994	1.55999994	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	4.49730015	4.49730015	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_SysCC	0.731994629	0.731994987 ± 0.0000152587890625	✔



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CDDInterface\_Per1



## Test Step Call Trace

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]	0.912
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.932296991
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	59769
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	61099
CDD_CumMechMtrPos_Rev_s15p16[0]	59769
CDD_CumMechMtrPos_Rev_s15p16[1]	61099
CDD_Die1RxError_Cnt_G_u16[0]	214
CDD_Die1RxError_Cnt_G_u16[1]	312
CDD_Die1RxMtrPos_Cnt_G_u16[0]	214
CDD_Die1RxMtrPos_Cnt_G_u16[1]	312
CDD_Die1RxRevCtr_Cnt_G_u16[0]	214
CDD_Die1RxRevCtr_Cnt_G_u16[1]	312
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	214
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]	312
CDD_Die2RxError_Cnt_G_u16[0]	214
CDD_Die2RxError_Cnt_G_u16[1]	312
CDD_Die2RxMtrPos_Cnt_G_u16[0]	214
CDD_Die2RxMtrPos_Cnt_G_u16[1]	312
CDD_Die2RxRevCtr_Cnt_G_u16[0]	214
CDD_Die2RxRevCtr_Cnt_G_u16[1]	312
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	2429702552
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	3674751938
CDD_MechMtrPos1_Rev_G_u0p16[0]	59769
CDD_MechMtrPos1_Rev_G_u0p16[1]	61099
CDD_ModIdxFinal_Uls_G_u16p16[0]	2144
CDD_ModIdxFinal_Uls_G_u16p16[1]	2100
CDD_MtrCurr1_Volts_G_f32[0]	2.79999995
CDD_MtrCurr1_Volts_G_f32[1]	3.69989991
CDD_MtrCurr2_Volts_G_f32[0]	2.79999995
CDD_MtrCurr2_Volts_G_f32[1]	3.69994998
CDD_MtrCurrDax_Amp_G_f32[0]	-200.130005
CDD_MtrCurrDax_Amp_G_f32[1]	-146.240005
CDD_MtrCurrK1_Amps_G_f32[0]	137.820007
CDD_MtrCurrK1_Amps_G_f32[1]	213.440002
CDD_MtrCurrK2_Amps_G_f32[0]	28.4200001
CDD_MtrCurrK2_Amps_G_f32[1]	25.0300007
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	10.2299995
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	20.5599995
CDD_MtrCurrQax_Amp_G_f32[0]	-176.199997
CDD_MtrCurrQax_Amp_G_f32[1]	-165.716995
CDD_MtrVoltDax_Volt_G_f32[0]	2.34998012
CDD_MtrVoltDax_Volt_G_f32[1]	3.55999994
CDD_MtrVoltQax_Volt_G_f32[0]	0.076863803
CDD_MtrVoltQax_Volt_G_f32[1]	1.01019001
CDD_PWMDDutyCycleASum_Cnt_G_u32[0]	198
CDD_PWMDDutyCycleASum_Cnt_G_u32[1]	200
CDD_PWMDDutyCycleBSum_Cnt_G_u32[0]	126
CDD_PWMDDutyCycleBSum_Cnt_G_u32[1]	156
CDD_PWMDDutyCycleCSum_Cnt_G_u32[0]	3325
CDD_PWMDDutyCycleCSum_Cnt_G_u32[1]	4535
CDD_PhaseAdvFinal_Cnt_G_u16[0]	214
CDD_PhaseAdvFinal_Cnt_G_u16[1]	312
CDD_RxMtrPosParityAccum_Cnt_G_u16[0]	214
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	312
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	59769
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	61099
CDD_SysCVSwitchADC_Cnt_G_u16[0]	3997
CDD_SysCVSwitchADC_Cnt_G_u16[1]	1406
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	59769
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	61099
PXAccumPrev_Cnt_M_u32[0]	136549804
PXAccumPrev_Cnt_M_u32[1]	411426270
PXAccumPrev_Cnt_M_u32[2]	360301846

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Name	Input Value		
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	2118347520		
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	1506107648		
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	0		
Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	0	0	✓
PXAccumPrev_Cnt_M_u32[0]	264793440	264793440	✓
PXAccumPrev_Cnt_M_u32[1]	188263456	188263456	✓
PXAccumPrev_Cnt_M_u32[2]	0	0	✓
Rte_Task_2ms_10.Rte_TB.Rte_I_CDDInterface_SysCVSwitchADC_Cnt_u16.value	1406	1406	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	3.69989991	3.69989991	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	3.69994998	3.69994998	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.932296991	0.932296991	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.932296753	0.932296991 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	200	200	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	156	156	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	4535	4535	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_LRPRF	29	29	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	128243636	128243636	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	313708098	313708098	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	176569066	176569066	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	0.932296753	0.932296991 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	3674751938	3674751938	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Modl	0.032043457	0.0320435017 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	-146.240005	-146.240005	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	213.440002	213.440002	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	25.0300007	25.0300007	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	-165.716995	-165.716995	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	20.5599995	20.5599995	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	3.55999994	3.55999994	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	1.01019001	1.01019001	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_SysCC	0.932296753	0.932296991 ± 0.0000152587890625	✓

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

Test Step 2.13 (Repeat Count = 1)	
Name	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16	1
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	0.523697019
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.523800015
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	34321
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	34328
CDD_CumMechMtrPos_Rev_s15p16[0]	34321
CDD_CumMechMtrPos_Rev_s15p16[1]	34328
CDD_Die1RxError_Cnt_G_u16[0]	222
CDD_Die1RxError_Cnt_G_u16[1]	368
CDD_Die1RxMtrPos_Cnt_G_u16[0]	222
CDD_Die1RxMtrPos_Cnt_G_u16[1]	368
CDD_Die1RxRevCtr_Cnt_G_u16[0]	222
CDD_Die1RxRevCtr_Cnt_G_u16[1]	368
CDD_Die1UnderVltgFltAccum_Cnt_G_u16[0]	222
CDD_Die1UnderVltgFltAccum_Cnt_G_u16[1]	368
CDD_Die2RxError_Cnt_G_u16[0]	222
CDD_Die2RxError_Cnt_G_u16[1]	368
CDD_Die2RxMtrPos_Cnt_G_u16[0]	222
CDD_Die2RxMtrPos_Cnt_G_u16[1]	368
CDD_Die2RxRevCtr_Cnt_G_u16[0]	222
CDD_Die2RxRevCtr_Cnt_G_u16[1]	368
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	3490774830
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	2224999666
CDD_MechMtrPos1_Rev_G_u0p16[0]	34321
CDD_MechMtrPos1_Rev_G_u0p16[1]	34328
CDD_ModlxFinal_Uls_G_u16p16[0]	64223
CDD_ModlxFinal_Uls_G_u16p16[1]	6458
CDD_MtrCurr1_Volts_G_f32[0]	1.39999998
CDD_MtrCurr1_Volts_G_f32[1]	1.59996998
CDD_MtrCurr2_Volts_G_f32[0]	1.39999998
CDD_MtrCurr2_Volts_G_f32[1]	1.59998
CDD_MtrCurrDax_Amp_G_f32[0]	-210.660004

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Name	Input Value		
CDD_MtrCurrDax_Amp_G_f32[1]	-161.350006		
CDD_MtrCurrK1_Amps_G_f32[0]	139.119995		
CDD_MtrCurrK1_Amps_G_f32[1]	214.399994		
CDD_MtrCurrK2_Amps_G_f32[0]	75.8399963		
CDD_MtrCurrK2_Amps_G_f32[1]	98.7699966		
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	15.7799997		
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	25.2299995		
CDD_MtrCurrQax_Amp_G_f32[0]	-201.020004		
CDD_MtrCurrQax_Amp_G_f32[1]	-190.276993		
CDD_MtrVoltDax_Volt_G_f32[0]	2		
CDD_MtrVoltDax_Volt_G_f32[1]	3		
CDD_MtrVoltQax_Volt_G_f32[0]	1.48387003		
CDD_MtrVoltQax_Volt_G_f32[1]	0.483191013		
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_RxMtrPosParityAccum_Cnt_G_u16[0]	222		
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	368		
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	34321		
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	34328		
CDD_SysCVSwitchADC_Cnt_G_u16[0]	808		
CDD_SysCVSwitchADC_Cnt_G_u16[1]	1426		
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	34321		
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	34328		
PXAccumPrev_Cnt_M_u32[0]	19024365		
PXAccumPrev_Cnt_M_u32[1]	36370330		
PXAccumPrev_Cnt_M_u32[2]	79414818		
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	4030759424		
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	17997824		
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	4294967295		
Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	0	0	✔
PXAccumPrev_Cnt_M_u32[0]	503844928	503844928	✔
PXAccumPrev_Cnt_M_u32[1]	2249728	2249728	✔
PXAccumPrev_Cnt_M_u32[2]	536870911	536870911	✔
Rte_Task_2ms_10.Rte_TB.Rte_I_CDDInterface_SysCVSwitchADC_Cnt_u16.value	1426	1426	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	1.59996998	1.59996998	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	1.59998	1.59998	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.523800015	0.523800015	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.523803711	0.523804009 ± 0.0000152587890625	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	256	256	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	157	157	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	4722	4722	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_LRPRF	34	34	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	484820563	484820563	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	502750310	502750310	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	457456093	457456093	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	0.523803711	0.523804009 ± 0.0000152587890625	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	2224999666	2224999666	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Modl	0.0985412598	0.098541297 ± 0.0000152587890625	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCun	-161.350006	-161.350006	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCun	214.399994	214.399994	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCun	98.7699966	98.7699966	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCun	-190.276993	-190.276993	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCun	25.2299995	25.2299995	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	3	3	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	0.483191013	0.483191013	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_SysCC	0.523803711	0.523804009 ± 0.0000152587890625	✔





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

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Test Step 2.14 (Repeat Count = 1)				
Name		Input Value		
CDD_CDDDataAccessBfr_Cnt_G_u16		1		
CDD_CorrMtrCurrPosition_Rev_G_f32[0]		0.165694997		
CDD_CorrMtrCurrPosition_Rev_G_f32[1]		0.165800005		
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]		10859		
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]		10866		
CDD_CumMechMtrPos_Rev_s15p16[0]		10859		
CDD_CumMechMtrPos_Rev_s15p16[1]		10866		
CDD_Die1RxError_Cnt_G_u16[0]		230		
CDD_Die1RxError_Cnt_G_u16[1]		424		
CDD_Die1RxMtrPos_Cnt_G_u16[0]		230		
CDD_Die1RxMtrPos_Cnt_G_u16[1]		424		
CDD_Die1RxRevCtr_Cnt_G_u16[0]		230		
CDD_Die1RxRevCtr_Cnt_G_u16[1]		424		
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]		230		
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]		424		
CDD_Die2RxError_Cnt_G_u16[0]		230		
CDD_Die2RxError_Cnt_G_u16[1]		424		
CDD_Die2RxMtrPos_Cnt_G_u16[0]		230		
CDD_Die2RxMtrPos_Cnt_G_u16[1]		424		
CDD_Die2RxRevCtr_Cnt_G_u16[0]		230		
CDD_Die2RxRevCtr_Cnt_G_u16[1]		424		
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]		3490774831		
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]		2224999667		
CDD_MechMtrPos1_Rev_G_u0p16[0]		10859		
CDD_MechMtrPos1_Rev_G_u0p16[1]		10866		
CDD_ModIdxFinal_Uls_G_u16p16[0]		31223		
CDD_ModIdxFinal_Uls_G_u16p16[1]		9149		
CDD_MtrCurr1_Volts_G_f32[0]		1.55999994		
CDD_MtrCurr1_Volts_G_f32[1]		1.88999999		
CDD_MtrCurr2_Volts_G_f32[0]		1.55999994		
CDD_MtrCurr2_Volts_G_f32[1]		1.88999999		
CDD_MtrCurrDax_Amp_G_f32[0]		-25.5799999		
CDD_MtrCurrDax_Amp_G_f32[1]		-20.4699993		
CDD_MtrCurrK1_Amps_G_f32[0]		140.419998		
CDD_MtrCurrK1_Amps_G_f32[1]		215.360001		
CDD_MtrCurrK2_Amps_G_f32[0]		-63.7799988		
CDD_MtrCurrK2_Amps_G_f32[1]		-56.2299995		
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]		66.1999969		
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]		88.0999985		
CDD_MtrCurrQax_Amp_G_f32[0]		214.837006		
CDD_MtrCurrQax_Amp_G_f32[1]		215.839996		
CDD_MtrVoltDax_Volt_G_f32[0]		3		
CDD_MtrVoltDax_Volt_G_f32[1]		4		
CDD_MtrVoltQax_Volt_G_f32[0]		4.96931982		
CDD_MtrVoltQax_Volt_G_f32[1]		3.91384006		
CDD_PWMDCycleASum_Cnt_G_u32[0]		6350		
CDD_PWMDCycleASum_Cnt_G_u32[1]		9210		
CDD_PWMDCycleBSum_Cnt_G_u32[0]		142		
CDD_PWMDCycleBSum_Cnt_G_u32[1]		158		
CDD_PWMDCycleCSum_Cnt_G_u32[0]		3567		
CDD_PWMDCycleCSum_Cnt_G_u32[1]		4909		
CDD_PhaseAdvFinal_Cnt_G_u16[0]		230		
CDD_PhaseAdvFinal_Cnt_G_u16[1]		424		
CDD_RxMtrPosParityAccum_Cnt_G_u16[0]		230		
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]		424		
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]		10859		
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]		10866		
CDD_SysCVSwitchADC_Cnt_G_u16[0]		1674		
CDD_SysCVSwitchADC_Cnt_G_u16[1]		1034		
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]		10859		
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]		10866		
PXAccumPrev_Cnt_M_u32[0]		29502740		
PXAccumPrev_Cnt_M_u32[1]		390638876		
PXAccumPrev_Cnt_M_u32[2]		6717851		
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word		2405776640		
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word		3538346752		
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word		3729617152		
Name	Actual Value	Expected Value	Result	
CDD_CDDDataAccessBfr_Cnt_G_u16	0	0		
PXAccumPrev_Cnt_M_u32[0]	300722080	300722080		
PXAccumPrev_Cnt_M_u32[1]	442293344	442293344		

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Name	Actual Value	Expected Value	Result
PXAccumPrev_Cnt_M_u32[2]	466202144	466202144	✓
Rte_Task_2ms_10.Rte_TB.Rte_I_CDDInterface_SysCVSwitchADC_Cnt_u16.value	1034	1034	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	1.88999999	1.88999999	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	1.88999999	1.88999999	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.165800005	0.165800005	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.165802002	0.165802002 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	9210	9210	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	158	158	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	4909	4909	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_LRPRF	39	39	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	271219340	271219340	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	51654468	51654468	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	459484293	459484293	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	0.165802002	0.165802002 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	2224999667	2224999667	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Modl	0.139602661	0.139603004 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	-20.4699993	-20.4699993	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	215.360001	215.360001	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	-56.2299995	-56.2299995	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	215.839996	215.839996	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	88.0999985	88.0999985	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	4	4	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	3.91384006	3.91384006	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_SysCC	0.165802002	0.165802002 ± 0.0000152587890625	✓

Test Step Call Trace				
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]	0.231995001
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.232099995
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	15204
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	15211
CDD_CumMechMtrPos_Rev_s15p16[0]	15204
CDD_CumMechMtrPos_Rev_s15p16[1]	15211
CDD_Die1RxError_Cnt_G_u16[0]	238
CDD_Die1RxError_Cnt_G_u16[1]	480
CDD_Die1RxMtrPos_Cnt_G_u16[0]	238
CDD_Die1RxMtrPos_Cnt_G_u16[1]	480
CDD_Die1RxRevCtr_Cnt_G_u16[0]	238
CDD_Die1RxRevCtr_Cnt_G_u16[1]	480
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	238
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]	480
CDD_Die2RxError_Cnt_G_u16[0]	238
CDD_Die2RxError_Cnt_G_u16[1]	480
CDD_Die2RxMtrPos_Cnt_G_u16[0]	238
CDD_Die2RxMtrPos_Cnt_G_u16[1]	480
CDD_Die2RxRevCtr_Cnt_G_u16[0]	238
CDD_Die2RxRevCtr_Cnt_G_u16[1]	480
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	4047851873
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	3858799598
CDD_MechMtrPos1_Rev_G_u0p16[0]	15204
CDD_MechMtrPos1_Rev_G_u0p16[1]	15211
CDD_ModlxFinal_Uls_G_u16p16[0]	15197
CDD_ModlxFinal_Uls_G_u16p16[1]	38202
CDD_MtrCurr1_Volts_G_f32[0]	0
CDD_MtrCurr1_Volts_G_f32[1]	0
CDD_MtrCurr2_Volts_G_f32[0]	1.76999998
CDD_MtrCurr2_Volts_G_f32[1]	2.77999997
CDD_MtrCurrDax_Amp_G_f32[0]	46.4199982
CDD_MtrCurrDax_Amp_G_f32[1]	56.9500008
CDD_MtrCurrK1_Amps_G_f32[0]	-216.320007
CDD_MtrCurrK1_Amps_G_f32[1]	-141.720001
CDD_MtrCurrK2_Amps_G_f32[0]	12.5600004
CDD_MtrCurrK2_Amps_G_f32[1]	14.8900003
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	-32
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	-28

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Name	Input Value
CDD_MtrCurrQax_Amp_G_f32[0]	10.25
CDD_MtrCurrQax_Amp_G_f32[1]	15.3599997
CDD_MtrVoltDax_Volt_G_f32[0]	1.65999997
CDD_MtrVoltDax_Volt_G_f32[1]	2.67000008
CDD_MtrVoltQax_Volt_G_f32[0]	4.60082006
CDD_MtrVoltQax_Volt_G_f32[1]	4.61893988
CDD_PWMdutyCycleASum_Cnt_G_u32[0]	214
CDD_PWMdutyCycleASum_Cnt_G_u32[1]	312
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_RxMtrPosParityAccum_Cnt_G_u16[0]	238
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	480
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	15204
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	15211
CDD_SysCVSwitchADC_Cnt_G_u16[0]	492
CDD_SysCVSwitchADC_Cnt_G_u16[1]	1885
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	15204
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	15211
PXAccumPrev_Cnt_M_u32[0]	362948131
PXAccumPrev_Cnt_M_u32[1]	159025321
PXAccumPrev_Cnt_M_u32[2]	480249422
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	1117981696
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	4130740736
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	3112073216

Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	0	0	✓
PXAccumPrev_Cnt_M_u32[0]	139747712	139747712	✓
PXAccumPrev_Cnt_M_u32[1]	516342592	516342592	✓
PXAccumPrev_Cnt_M_u32[2]	389009152	389009152	✓
Rte_Task_2ms_10.Rte_TB.Rte_I_CDDInterface_SysCVSwitchADC_Cnt_u16.value	1885	1885	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	0	0	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	2.77999997	2.77999997	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.232099995	0.232099995	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.23210144	0.232100993 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	312	312	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	5657	5657	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	5096	5096	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_LRPRF	45	45	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	313670493	313670493	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	357317271	357317271	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	445630642	445630642	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	0.23210144	0.232100993 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	3858799598	3858799598	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Modl	0.58291626	0.582916021 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	56.9500008	56.9500008	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	-141.720001	-141.720001	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	14.8900003	14.8900003	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	15.3599997	15.3599997	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	-28	-28	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	2.67000008	2.67000008	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	4.61893988	4.61893988	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_SysCC	0.23210144	0.232100993 ± 0.0000152587890625	✓

## Test Step Call Trace

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]	0.368698001
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.368800014
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	24163
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	24170
CDD_CumMechMtrPos_Rev_s15p16[0]	24163
CDD_CumMechMtrPos_Rev_s15p16[1]	24170

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Name	Input Value		
CDD_Die1RxError_Cnt_G_u16[0]	246		
CDD_Die1RxError_Cnt_G_u16[1]	536		
CDD_Die1RxMtrPos_Cnt_G_u16[0]	246		
CDD_Die1RxMtrPos_Cnt_G_u16[1]	536		
CDD_Die1RxRevCtr_Cnt_G_u16[0]	246		
CDD_Die1RxRevCtr_Cnt_G_u16[1]	536		
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	246		
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]	536		
CDD_Die2RxError_Cnt_G_u16[0]	246		
CDD_Die2RxError_Cnt_G_u16[1]	536		
CDD_Die2RxMtrPos_Cnt_G_u16[0]	246		
CDD_Die2RxMtrPos_Cnt_G_u16[1]	536		
CDD_Die2RxRevCtr_Cnt_G_u16[0]	246		
CDD_Die2RxRevCtr_Cnt_G_u16[1]	536		
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	2359708679		
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	852385460		
CDD_MechMtrPos1_Rev_G_u0p16[0]	24163		
CDD_MechMtrPos1_Rev_G_u0p16[1]	24170		
CDD_ModIdxFinal_Uls_G_u16p16[0]	12780		
CDD_ModIdxFinal_Uls_G_u16p16[1]	62869		
CDD_MtrCurr1_Volts_G_f32[0]	5		
CDD_MtrCurr1_Volts_G_f32[1]	5		
CDD_MtrCurr2_Volts_G_f32[0]	1.17999995		
CDD_MtrCurr2_Volts_G_f32[1]	2.18993998		
CDD_MtrCurrDax_Amp_G_f32[0]	72.3700027		
CDD_MtrCurrDax_Amp_G_f32[1]	88.3199997		
CDD_MtrCurrK1_Amps_G_f32[0]	-217.279999		
CDD_MtrCurrK1_Amps_G_f32[1]	-143.020004		
CDD_MtrCurrK2_Amps_G_f32[0]	29.6399994		
CDD_MtrCurrK2_Amps_G_f32[1]	25.8099995		
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	6.26999998		
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	11.2799997		
CDD_MtrCurrQax_Amp_G_f32[0]	25.3600006		
CDD_MtrCurrQax_Amp_G_f32[1]	35.8899994		
CDD_MtrVoltDax_Volt_G_f32[0]	1.66999996		
CDD_MtrVoltDax_Volt_G_f32[1]	2.68000007		
CDD_MtrVoltQax_Volt_G_f32[0]	0.234245002		
CDD_MtrVoltQax_Volt_G_f32[1]	0.298220009		
CDD_PWMdutyCycleASum_Cnt_G_u32[0]	222		
CDD_PWMdutyCycleASum_Cnt_G_u32[1]	368		
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_RxMtrPosParityAccum_Cnt_G_u16[0]	246		
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	536		
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	24163		
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	24170		
CDD_SysCVSwitchADC_Cnt_G_u16[0]	3318		
CDD_SysCVSwitchADC_Cnt_G_u16[1]	328		
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	24163		
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	24170		
PXAccumPrev_Cnt_M_u32[0]	519531454		
PXAccumPrev_Cnt_M_u32[1]	70280971		
PXAccumPrev_Cnt_M_u32[2]	526014642		
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	652582656		
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	4058281216		
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	3338885888		
Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	0	0	✔
PXAccumPrev_Cnt_M_u32[0]	81572832	81572832	✔
PXAccumPrev_Cnt_M_u32[1]	507285152	507285152	✔
PXAccumPrev_Cnt_M_u32[2]	417360736	417360736	✔
Rte_Task_2ms_10.Rte_TB.Rte_I_CDDInterface_SysCVSwitchADC_Cnt_u16.value	328	328	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	5	5	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	2.18993998	2.18993998	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.368800014	0.368800014	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.368804932	0.368804991 ± 0.0000152587890625	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	368	368	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	5844	5844	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	5283	5283	✔



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Name	Actual Value	Expected Value	Result
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_LRPRF	50	50	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	98912290	98912290	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	437004181	437004181	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	428217006	428217006	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	0.368804932	0.368804991 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	852385460	852385460	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Modl	0.95930481	0.959304988 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	88.3199997	88.3199997	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	-143.020004	-143.020004	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	25.8099995	25.8099995	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	35.8899994	35.8899994	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	11.2799997	11.2799997	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	2.68000007	2.68000007	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	0.298220009	0.298220009	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_SysCC	0.368804932	0.368804991 ± 0.0000152587890625	✓

Test Step Call Trace				
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]	0.49000001
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.490096986
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	32113
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	32119
CDD_CumMechMtrPos_Rev_s15p16[0]	32113
CDD_CumMechMtrPos_Rev_s15p16[1]	32119
CDD_Die1RxError_Cnt_G_u16[0]	254
CDD_Die1RxError_Cnt_G_u16[1]	592
CDD_Die1RxMtrPos_Cnt_G_u16[0]	254
CDD_Die1RxMtrPos_Cnt_G_u16[1]	592
CDD_Die1RxRevCtr_Cnt_G_u16[0]	254
CDD_Die1RxRevCtr_Cnt_G_u16[1]	592
CDD_Die1UnderVltgFltAccum_Cnt_G_u16[0]	254
CDD_Die1UnderVltgFltAccum_Cnt_G_u16[1]	592
CDD_Die2RxError_Cnt_G_u16[0]	254
CDD_Die2RxError_Cnt_G_u16[1]	592
CDD_Die2RxMtrPos_Cnt_G_u16[0]	254
CDD_Die2RxMtrPos_Cnt_G_u16[1]	592
CDD_Die2RxRevCtr_Cnt_G_u16[0]	254
CDD_Die2RxRevCtr_Cnt_G_u16[1]	592
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	1887302325
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	2184289180
CDD_MechMtrPos1_Rev_G_u0p16[0]	32113
CDD_MechMtrPos1_Rev_G_u0p16[1]	32119
CDD_ModlxdFinal_Uls_G_u16p16[0]	52561
CDD_ModlxdFinal_Uls_G_u16p16[1]	63272
CDD_MtrCurr1_Volts_G_f32[0]	2.79999995
CDD_MtrCurr1_Volts_G_f32[1]	3.69989991
CDD_MtrCurr2_Volts_G_f32[0]	1.18993998
CDD_MtrCurr2_Volts_G_f32[1]	2.19994998
CDD_MtrCurrDax_Amp_G_f32[0]	100.264999
CDD_MtrCurrDax_Amp_G_f32[1]	110.487999
CDD_MtrCurrK1_Amps_G_f32[0]	-218.240005
CDD_MtrCurrK1_Amps_G_f32[1]	-144.320007
CDD_MtrCurrK2_Amps_G_f32[0]	30.8600006
CDD_MtrCurrK2_Amps_G_f32[1]	26.5900002
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	34
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	54
CDD_MtrCurrQax_Amp_G_f32[0]	40.4700012
CDD_MtrCurrQax_Amp_G_f32[1]	56.4199982
CDD_MtrVoltDax_Volt_G_f32[0]	1.67999995
CDD_MtrVoltDax_Volt_G_f32[1]	2.68993998
CDD_MtrVoltQax_Volt_G_f32[0]	1.76683998
CDD_MtrVoltQax_Volt_G_f32[1]	1.92981005
CDD_PWMDDutyCycleASum_Cnt_G_u32[0]	3083
CDD_PWMDDutyCycleASum_Cnt_G_u32[1]	4161
CDD_PWMDDutyCycleBSum_Cnt_G_u32[0]	3325



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Name	Input Value		
CDD_PWMDDutyCycleBSum_Cnt_G_u32[1]	4535		
CDD_PWMDDutyCycleCSum_Cnt_G_u32[0]	3930		
CDD_PWMDDutyCycleCSum_Cnt_G_u32[1]	5470		
CDD_PhaseAdvFinal_Cnt_G_u16[0]	254		
CDD_PhaseAdvFinal_Cnt_G_u16[1]	592		
CDD_RxMtrPosParityAccum_Cnt_G_u16[0]	254		
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	592		
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	32113		
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	32119		
CDD_SysCVSwitchADC_Cnt_G_u16[0]	2340		
CDD_SysCVSwitchADC_Cnt_G_u16[1]	1542		
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	32113		
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	32119		
PXAccumPrev_Cnt_M_u32[0]	235902743		
PXAccumPrev_Cnt_M_u32[1]	48824751		
PXAccumPrev_Cnt_M_u32[2]	153588718		
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	1881794048		
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	1040540672		
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	1103147520		
Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	0	0	✓
PXAccumPrev_Cnt_M_u32[0]	235224256	235224256	✓
PXAccumPrev_Cnt_M_u32[1]	130067584	130067584	✓
PXAccumPrev_Cnt_M_u32[2]	137893440	137893440	✓
Rte_Task_2ms_10.Rte_TB.Rte_I_CDDInterface_SysCVSwitchADC_Cnt_u16.value	1542	1542	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	3.69989991	3.69989991	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	2.19994998	2.19994998	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.490096986	0.490096986	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.490097046	0.490096986 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	4161	4161	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	4535	4535	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	5470	5470	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_LRPRF	55	55	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	536192425	536192425	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	81242833	81242833	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	521175634	521175634	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	0.490097046	0.490096986 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	2184289180	2184289180	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Modldx	0.965454102	0.965453982 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	110.487999	110.487999	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	-144.320007	-144.320007	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	26.5900002	26.5900002	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	56.4199982	56.4199982	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	54	54	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	2.68993998	2.68993998	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	1.92981005	1.92981005	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_SysCC	0.490097046	0.490096986 ± 0.0000152587890625	✓

## 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]	0.659698009
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.659799993
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	43234
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	43241
CDD_CumMechMtrPos_Rev_s15p16[0]	43234
CDD_CumMechMtrPos_Rev_s15p16[1]	43241
CDD_Die1RxError_Cnt_G_u16[0]	262
CDD_Die1RxError_Cnt_G_u16[1]	648
CDD_Die1RxMtrPos_Cnt_G_u16[0]	262
CDD_Die1RxMtrPos_Cnt_G_u16[1]	648
CDD_Die1RxRevCtr_Cnt_G_u16[0]	262
CDD_Die1RxRevCtr_Cnt_G_u16[1]	648
CDD_Die1UnderVltgFltAccum_Cnt_G_u16[0]	262
CDD_Die1UnderVltgFltAccum_Cnt_G_u16[1]	648
CDD_Die2RxError_Cnt_G_u16[0]	262

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Name	Input Value
CDD_Die2RxError_Cnt_G_u16[1]	648
CDD_Die2RxMtrPos_Cnt_G_u16[0]	262
CDD_Die2RxMtrPos_Cnt_G_u16[1]	648
CDD_Die2RxRevCtr_Cnt_G_u16[0]	262
CDD_Die2RxRevCtr_Cnt_G_u16[1]	648
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	1354224867
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	3669191344
CDD_MechMtrPos1_Rev_G_u0p16[0]	43234
CDD_MechMtrPos1_Rev_G_u0p16[1]	43241
CDD_ModIdxFinal_Uls_G_u16p16[0]	46525
CDD_ModIdxFinal_Uls_G_u16p16[1]	54592
CDD_MtrCurr1_Volts_G_f32[0]	1.19990003
CDD_MtrCurr1_Volts_G_f32[1]	2.2098999
CDD_MtrCurr2_Volts_G_f32[0]	0
CDD_MtrCurr2_Volts_G_f32[1]	0
CDD_MtrCurrDax_Amp_G_f32[0]	-134.268005
CDD_MtrCurrDax_Amp_G_f32[1]	-123.785004
CDD_MtrCurrK1_Amps_G_f32[0]	145.619995
CDD_MtrCurrK1_Amps_G_f32[1]	219.199997
CDD_MtrCurrK2_Amps_G_f32[0]	-27.3700008
CDD_MtrCurrK2_Amps_G_f32[1]	-32.0800018
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	59.2700005
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	67.8899994
CDD_MtrCurrQax_Amp_G_f32[0]	55.5800018
CDD_MtrCurrQax_Amp_G_f32[1]	76.9499969
CDD_MtrVoltDax_Volt_G_f32[0]	1.68993998
CDD_MtrVoltDax_Volt_G_f32[1]	2.69994998
CDD_MtrVoltQax_Volt_G_f32[0]	0.143172994
CDD_MtrVoltQax_Volt_G_f32[1]	3.35389996
CDD_PWMdutyCycleASum_Cnt_G_u32[0]	3204
CDD_PWMdutyCycleASum_Cnt_G_u32[1]	4348
CDD_PWMdutyCycleBSum_Cnt_G_u32[0]	3446
CDD_PWMdutyCycleBSum_Cnt_G_u32[1]	4722
CDD_PWMdutyCycleCSum_Cnt_G_u32[0]	3889
CDD_PWMdutyCycleCSum_Cnt_G_u32[1]	5287
CDD_PhaseAdvFinal_Cnt_G_u16[0]	262
CDD_PhaseAdvFinal_Cnt_G_u16[1]	648
CDD_RxMtrPosParityAccum_Cnt_G_u16[0]	262
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	648
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	43234
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	43241
CDD_SysCVSwitchADC_Cnt_G_u16[0]	521
CDD_SysCVSwitchADC_Cnt_G_u16[1]	3156
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	43234
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	43241
PXAccumPrev_Cnt_M_u32[0]	364127232
PXAccumPrev_Cnt_M_u32[1]	263532571
PXAccumPrev_Cnt_M_u32[2]	58292376
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	3795390720
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	1277073152
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	396668160

Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	1	1	✔
PXAccumPrev_Cnt_M_u32[0]	474423840	474423840	✔
PXAccumPrev_Cnt_M_u32[1]	159634144	159634144	✔
PXAccumPrev_Cnt_M_u32[2]	49583520	49583520	✔
Rte_Task_2ms_10.Rte_TB.Rte_I_CDDInterface_SysCVSwitchADC_Cnt_u16.value	521	521	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	1.19990003	1.19990003	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	0	0	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.659698009	0.659698009	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.659698486	0.659698009 ± 0.0000152587890625	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	3204	3204	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	3446	3446	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	3889	3889	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_LRPRF	24	24	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	110296608	110296608	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	432972485	432972485	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	528162056	528162056	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	0.659698486	0.659698009 ± 0.0000152587890625	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	1354224867	1354224867	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ModIdx	0.709915161	0.709914982 ± 0.0000152587890625	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCun	-134.268005	-134.268005	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCun	145.619995	145.619995	✔

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Name	Actual Value	Expected Value	Result
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	-27.3700008	-27.3700008	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	55.5800018	55.5800018	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	59.2700005	59.2700005	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	1.68993998	1.68993998	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	0.143172994	0.143172994	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_SysCC	0.659698486	0.659698009 ± 0.0000152587890625	✓

Test Step Call Trace				
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	0
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	0.124200001
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.124297999
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	8140
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	8146
CDD_CumMechMtrPos_Rev_s15p16[0]	8140
CDD_CumMechMtrPos_Rev_s15p16[1]	8146
CDD_Die1RxError_Cnt_G_u16[0]	270
CDD_Die1RxError_Cnt_G_u16[1]	704
CDD_Die1RxMtrPos_Cnt_G_u16[0]	270
CDD_Die1RxMtrPos_Cnt_G_u16[1]	704
CDD_Die1RxRevCtr_Cnt_G_u16[0]	270
CDD_Die1RxRevCtr_Cnt_G_u16[1]	704
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	270
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]	704
CDD_Die2RxError_Cnt_G_u16[0]	270
CDD_Die2RxError_Cnt_G_u16[1]	704
CDD_Die2RxMtrPos_Cnt_G_u16[0]	270
CDD_Die2RxMtrPos_Cnt_G_u16[1]	704
CDD_Die2RxRevCtr_Cnt_G_u16[0]	270
CDD_Die2RxRevCtr_Cnt_G_u16[1]	704
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	3940513946
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	3615687314
CDD_MechMtrPos1_Rev_G_u0p16[0]	8140
CDD_MechMtrPos1_Rev_G_u0p16[1]	8146
CDD_ModIdxFinal_Uls_G_u16p16[0]	41271
CDD_ModIdxFinal_Uls_G_u16p16[1]	51235
CDD_MtrCurr1_Volts_G_f32[0]	1.20995998
CDD_MtrCurr1_Volts_G_f32[1]	2.21996999
CDD_MtrCurr2_Volts_G_f32[0]	5
CDD_MtrCurr2_Volts_G_f32[1]	5
CDD_MtrCurrDax_Amp_G_f32[0]	147.304993
CDD_MtrCurrDax_Amp_G_f32[1]	158.048004
CDD_MtrCurrK1_Amps_G_f32[0]	156.229996
CDD_MtrCurrK1_Amps_G_f32[1]	164.179993
CDD_MtrCurrK2_Amps_G_f32[0]	-28.1499996
CDD_MtrCurrK2_Amps_G_f32[1]	-33.2999992
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	-74
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	-64
CDD_MtrCurrQax_Amp_G_f32[0]	-97.4800034
CDD_MtrCurrQax_Amp_G_f32[1]	-70.6900024
CDD_MtrVoltDax_Volt_G_f32[0]	1.69994998
CDD_MtrVoltDax_Volt_G_f32[1]	2.70995998
CDD_MtrVoltQax_Volt_G_f32[0]	0.606471002
CDD_MtrVoltQax_Volt_G_f32[1]	1.75168002
CDD_PWMdutyCycleASum_Cnt_G_u32[0]	3325
CDD_PWMdutyCycleASum_Cnt_G_u32[1]	4535
CDD_PWMdutyCycleBSum_Cnt_G_u32[0]	3567
CDD_PWMdutyCycleBSum_Cnt_G_u32[1]	4909
CDD_PWMdutyCycleCSum_Cnt_G_u32[0]	4530
CDD_PWMdutyCycleCSum_Cnt_G_u32[1]	5471
CDD_PhaseAdvFinal_Cnt_G_u16[0]	270
CDD_PhaseAdvFinal_Cnt_G_u16[1]	704
CDD_RxMtrPosParityAccum_Cnt_G_u16[0]	270
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	704
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	8140
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	8146

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Name	Input Value		
CDD_SysCVSwitchADC_Cnt_G_u16[0]	1373		
CDD_SysCVSwitchADC_Cnt_G_u16[1]	705		
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	8140		
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	8146		
PXAccumPrev_Cnt_M_u32[0]	368786731		
PXAccumPrev_Cnt_M_u32[1]	346370999		
PXAccumPrev_Cnt_M_u32[2]	399161128		
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	309825536		
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	979303936		
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	866434048		
Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	1	1	✔
PXAccumPrev_Cnt_M_u32[0]	38728192	38728192	✔
PXAccumPrev_Cnt_M_u32[1]	122412992	122412992	✔
PXAccumPrev_Cnt_M_u32[2]	108304256	108304256	✔
Rte_Task_2ms_10.Rte_TB.Rte_I_CDDInterface_SysCVSwitchADC_Cnt_u16.value	1373	1373	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCMt	1.20995998	1.20995998	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCMt	5	5	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrMt	0.124200001	0.124200001	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrMt	0.124206543	0.124206997 ± 0.0000152587890625	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	3325	3325	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	3567	3567	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	4530	4530	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_LRPRF	25	25	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measur	206812373	206812373	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measur	312912905	312912905	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measur	246014040	246014040	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	0.124206543	0.124206997 ± 0.0000152587890625	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	3940513946	3940513946	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ModIdx	0.629745483	0.629745007 ± 0.0000152587890625	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	147.304993	147.304993	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	156.229996	156.229996	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	-28.1499996	-28.1499996	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	-97.4800034	-97.4800034	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	-74	-74	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	1.69994998	1.69994998	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	0.606471002	0.606471002	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_SysCC	0.124206543	0.124206997 ± 0.0000152587890625	✔

Test Step Call Trace				
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	0
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	0.246399
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.2465
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	16148
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	16155
CDD_CumMechMtrPos_Rev_s15p16[0]	16148
CDD_CumMechMtrPos_Rev_s15p16[1]	16155
CDD_Die1RxError_Cnt_G_u16[0]	6567
CDD_Die1RxError_Cnt_G_u16[1]	8910
CDD_Die1RxMtrPos_Cnt_G_u16[0]	6567
CDD_Die1RxMtrPos_Cnt_G_u16[1]	8910
CDD_Die1RxRevCtr_Cnt_G_u16[0]	6567
CDD_Die1RxRevCtr_Cnt_G_u16[1]	8910
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	6567
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]	8910
CDD_Die2RxError_Cnt_G_u16[0]	6567
CDD_Die2RxError_Cnt_G_u16[1]	8910
CDD_Die2RxMtrPos_Cnt_G_u16[0]	6567
CDD_Die2RxMtrPos_Cnt_G_u16[1]	8910
CDD_Die2RxRevCtr_Cnt_G_u16[0]	6567
CDD_Die2RxRevCtr_Cnt_G_u16[1]	8910
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	4107777421
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	1367012853
CDD_MechMtrPos1_Rev_G_u0p16[0]	16148
CDD_MechMtrPos1_Rev_G_u0p16[1]	16155

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Name	Input Value		
CDD_ModIdxFinal_Uls_G_u16p16[0]	18928		
CDD_ModIdxFinal_Uls_G_u16p16[1]	7737		
CDD_MtrCurr1_Volts_G_f32[0]	1.21996999		
CDD_MtrCurr1_Volts_G_f32[1]	2.22997999		
CDD_MtrCurr2_Volts_G_f32[0]	2.79999995		
CDD_MtrCurr2_Volts_G_f32[1]	3.69989991		
CDD_MtrCurrDax_Amp_G_f32[0]	-181.828003		
CDD_MtrCurrDax_Amp_G_f32[1]	-170.824997		
CDD_MtrCurrK1_Amps_G_f32[0]	165.470001		
CDD_MtrCurrK1_Amps_G_f32[1]	174.580002		
CDD_MtrCurrK2_Amps_G_f32[0]	34.5200005		
CDD_MtrCurrK2_Amps_G_f32[1]	28.9300003		
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	75.5		
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	83.8000031		
CDD_MtrCurrQax_Amp_G_f32[0]	-118.010002		
CDD_MtrCurrQax_Amp_G_f32[1]	-85.8000031		
CDD_MtrVoltDax_Volt_G_f32[0]	1.70995998		
CDD_MtrVoltDax_Volt_G_f32[1]	2.71996999		
CDD_MtrVoltQax_Volt_G_f32[0]	3.75252008		
CDD_MtrVoltQax_Volt_G_f32[1]	1.38837004		
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]	6350		
CDD_PWMdutyCycleCSum_Cnt_G_u32[1]	9210		
CDD_PhaseAdvFinal_Cnt_G_u16[0]	6567		
CDD_PhaseAdvFinal_Cnt_G_u16[1]	8910		
CDD_RxMtrPosParityAccum_Cnt_G_u16[0]	6567		
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	8910		
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	16148		
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	16155		
CDD_SysCVSwitchADC_Cnt_G_u16[0]	3032		
CDD_SysCVSwitchADC_Cnt_G_u16[1]	2541		
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	16148		
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	16155		
PXAccumPrev_Cnt_M_u32[0]	363626534		
PXAccumPrev_Cnt_M_u32[1]	392600555		
PXAccumPrev_Cnt_M_u32[2]	526963769		
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	2658669312		
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	1442433280		
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	3063975680		
Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	1	1	✔
PXAccumPrev_Cnt_M_u32[0]	332333664	332333664	✔
PXAccumPrev_Cnt_M_u32[1]	180304160	180304160	✔
PXAccumPrev_Cnt_M_u32[2]	382996960	382996960	✔
Rte_Task_2ms_10.Rte_TB.Rte_I_CDDInterface_SysCVSwitchADC_Cnt_u16.value	3032	3032	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	1.21996999	1.21996999	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	2.79999995	2.79999995	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.246399	0.246399	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.246398926	0.246399 ± 0.0000152587890625	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	3446	3446	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	158	158	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	6350	6350	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_LRPRF	615	615	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	505578042	505578042	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	324574517	324574517	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	392904103	392904103	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	0.246398926	0.246399 ± 0.0000152587890625	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	4107777421	4107777421	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ModIdx	0.288818359	0.288818002 ± 0.0000152587890625	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCun	-181.828003	-181.828003	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCun	165.470001	165.470001	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCun	34.5200005	34.5200005	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCun	-118.010002	-118.010002	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCun	75.5	75.5	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	1.70995998	1.70995998	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	3.75252008	3.75252008	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_SvsCC	0.246398926	0.246399 ± 0.0000152587890625	✔

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CDDInterface\_Per1



## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
CDDPorts_ClearPhsReasSum	1	CDDPorts_ClearPhsReasSum	1	✓

## Test Step 2.21 (Repeat Count = 1)

Name	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16	0
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	0.313095003
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.313199997
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	0
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	0
CDD_CumMechMtrPos_Rev_s15p16[0]	20519
CDD_CumMechMtrPos_Rev_s15p16[1]	20526
CDD_Die1RxError_Cnt_G_u16[0]	7688
CDD_Die1RxError_Cnt_G_u16[1]	9097
CDD_Die1RxMtrPos_Cnt_G_u16[0]	7688
CDD_Die1RxMtrPos_Cnt_G_u16[1]	9097
CDD_Die1RxRevCtr_Cnt_G_u16[0]	7688
CDD_Die1RxRevCtr_Cnt_G_u16[1]	9097
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	7688
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]	9097
CDD_Die2RxError_Cnt_G_u16[0]	7688
CDD_Die2RxError_Cnt_G_u16[1]	9097
CDD_Die2RxMtrPos_Cnt_G_u16[0]	7688
CDD_Die2RxMtrPos_Cnt_G_u16[1]	9097
CDD_Die2RxRevCtr_Cnt_G_u16[0]	7688
CDD_Die2RxRevCtr_Cnt_G_u16[1]	9097
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	873492437
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	3391496898
CDD_MechMtrPos1_Rev_G_u0p16[0]	20519
CDD_MechMtrPos1_Rev_G_u0p16[1]	20526
CDD_ModIdxFinal_Uls_G_u16p16[0]	33688
CDD_ModIdxFinal_Uls_G_u16p16[1]	6396
CDD_MtrCurr1_Volts_G_f32[0]	1.22997999
CDD_MtrCurr1_Volts_G_f32[1]	2.23999
CDD_MtrCurr2_Volts_G_f32[0]	1.22997999
CDD_MtrCurr2_Volts_G_f32[1]	2.23999
CDD_MtrCurrDax_Amp_G_f32[0]	194.345001
CDD_MtrCurrDax_Amp_G_f32[1]	205.608002
CDD_MtrCurrK1_Amps_G_f32[0]	174.710007
CDD_MtrCurrK1_Amps_G_f32[1]	184.979996
CDD_MtrCurrK2_Amps_G_f32[0]	35.7400017
CDD_MtrCurrK2_Amps_G_f32[1]	29.7099991
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	50
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	60
CDD_MtrCurrQax_Amp_G_f32[0]	100.910004
CDD_MtrCurrQax_Amp_G_f32[1]	138.539993
CDD_MtrVoltDax_Volt_G_f32[0]	1.50999999
CDD_MtrVoltDax_Volt_G_f32[1]	2.51999998
CDD_MtrVoltQax_Volt_G_f32[0]	4.20941019
CDD_MtrVoltQax_Volt_G_f32[1]	0.99435699
CDD_PWMDDutyCycleASum_Cnt_G_u32[0]	3567
CDD_PWMDDutyCycleASum_Cnt_G_u32[1]	4909
CDD_PWMDDutyCycleBSum_Cnt_G_u32[0]	166
CDD_PWMDDutyCycleBSum_Cnt_G_u32[1]	168
CDD_PWMDDutyCycleCSum_Cnt_G_u32[0]	214
CDD_PWMDDutyCycleCSum_Cnt_G_u32[1]	312
CDD_PhaseAdvFinal_Cnt_G_u16[0]	7688
CDD_PhaseAdvFinal_Cnt_G_u16[1]	9097
CDD_RxMtrPosParityAccum_Cnt_G_u16[0]	7688
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	9097
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	20519
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	20526
CDD_SysCVSwitchADC_Cnt_G_u16[0]	3226
CDD_SysCVSwitchADC_Cnt_G_u16[1]	3744
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	20519
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	20526
PXAccumPrev_Cnt_M_u32[0]	391058612
PXAccumPrev_Cnt_M_u32[1]	458139323
PXAccumPrev_Cnt_M_u32[2]	322393244



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CDDInterface\_Per1

Name	Input Value		
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	2487388672		
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	3222628352		
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	2562266624		
Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	1	1	✓
PXAccumPrev_Cnt_M_u32[0]	310923584	310923584	✓
PXAccumPrev_Cnt_M_u32[1]	402828544	402828544	✓
PXAccumPrev_Cnt_M_u32[2]	320283328	320283328	✓
Rte_Task_2ms_10.Rte_TB.Rte_I_CDDInterface_SysCVSwitchADC_Cnt_u16.value	3226	3226	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	1.22997999	1.22997999	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	1.22997999	1.22997999	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.313095003	0.313095003	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0	0 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	3567	3567	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	166	166	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	214	214	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_LRPRF	720	720	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	456735884	456735884	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	481560133	481560133	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	534760996	534760996	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	0.313095093	0.313095003 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	873492437	873492437	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Modl	0.514038086	0.514038026 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	194.345001	194.345001	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	174.710007	174.710007	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	35.7400017	35.7400017	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	100.910004	100.910004	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	50	50	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	1.50999999	1.50999999	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	4.20941019	4.20941019	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_SysCC	0.313095093	0.313095003 ± 0.0000152587890625	✓

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	1
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	0.41189599
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.412
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	65535
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	65535
CDD_CumMechMtrPos_Rev_s15p16[0]	26994
CDD_CumMechMtrPos_Rev_s15p16[1]	27001
CDD_Die1RxError_Cnt_G_u16[0]	4656
CDD_Die1RxError_Cnt_G_u16[1]	6592
CDD_Die1RxMtrPos_Cnt_G_u16[0]	4656
CDD_Die1RxMtrPos_Cnt_G_u16[1]	6592
CDD_Die1RxRevCtr_Cnt_G_u16[0]	4656
CDD_Die1RxRevCtr_Cnt_G_u16[1]	6592
CDD_Die1UnderVltgFltAccum_Cnt_G_u16[0]	4656
CDD_Die1UnderVltgFltAccum_Cnt_G_u16[1]	6592
CDD_Die2RxError_Cnt_G_u16[0]	4656
CDD_Die2RxError_Cnt_G_u16[1]	6592
CDD_Die2RxMtrPos_Cnt_G_u16[0]	4656
CDD_Die2RxMtrPos_Cnt_G_u16[1]	6592
CDD_Die2RxRevCtr_Cnt_G_u16[0]	4656
CDD_Die2RxRevCtr_Cnt_G_u16[1]	6592
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	3282847839
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	2695739559
CDD_MechMtrPos1_Rev_G_u0p16[0]	26994
CDD_MechMtrPos1_Rev_G_u0p16[1]	27001
CDD_ModlxFinal_Uls_G_u16p16[0]	64501
CDD_ModlxFinal_Uls_G_u16p16[1]	9858
CDD_MtrCurr1_Volts_G_f32[0]	1.23999
CDD_MtrCurr1_Volts_G_f32[1]	2.25
CDD_MtrCurr2_Volts_G_f32[0]	3.70196009
CDD_MtrCurr2_Volts_G_f32[1]	3.44894004
CDD_MtrCurrDax_Amp_G_f32[0]	120.710999

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Name	Input Value
CDD_MtrCurrDax_Amp_G_f32[1]	130.934006
CDD_MtrCurrK1_Amps_G_f32[0]	183.949997
CDD_MtrCurrK1_Amps_G_f32[1]	195.380005
CDD_MtrCurrK2_Amps_G_f32[0]	36.9599991
CDD_MtrCurrK2_Amps_G_f32[1]	30.4899998
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	55.7999992
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	65.9000015
CDD_MtrCurrQax_Amp_G_f32[0]	116.019997
CDD_MtrCurrQax_Amp_G_f32[1]	159.070007
CDD_MtrVoltDax_Volt_G_f32[0]	1.51999998
CDD_MtrVoltDax_Volt_G_f32[1]	2.52999997
CDD_MtrVoltQax_Volt_G_f32[0]	2.19661999
CDD_MtrVoltQax_Volt_G_f32[1]	0.626052976
CDD_PWMdutyCycleASum_Cnt_G_u32[0]	3688
CDD_PWMdutyCycleASum_Cnt_G_u32[1]	5096
CDD_PWMdutyCycleBSum_Cnt_G_u32[0]	174
CDD_PWMdutyCycleBSum_Cnt_G_u32[1]	176
CDD_PWMdutyCycleCSum_Cnt_G_u32[0]	214
CDD_PWMdutyCycleCSum_Cnt_G_u32[1]	312
CDD_PhaseAdvFinal_Cnt_G_u16[0]	4656
CDD_PhaseAdvFinal_Cnt_G_u16[1]	6592
CDD_RxMtrPosParityAccum_Cnt_G_u16[0]	4656
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	6592
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	26994
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	27001
CDD_SysCVSwitchADC_Cnt_G_u16[0]	3578
CDD_SysCVSwitchADC_Cnt_G_u16[1]	622
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	26994
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	27001
PXAccumPrev_Cnt_M_u32[0]	301616732
PXAccumPrev_Cnt_M_u32[1]	108017907
PXAccumPrev_Cnt_M_u32[2]	467317052
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	360654080
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	4210985728
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	3779821824

Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	0	0	✓
PXAccumPrev_Cnt_M_u32[0]	45081760	45081760	✓
PXAccumPrev_Cnt_M_u32[1]	526373216	526373216	✓
PXAccumPrev_Cnt_M_u32[2]	472477728	472477728	✓
Rte_Task_2ms_10.Rte_TB.Rte_I_CDDInterface_SysCVSwitchADC_Cnt_u16.value	622	622	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	2.25	2.25	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	3.44894004	3.44894004	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.412	0.412	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.999984741	0.99998498 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	5096	5096	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	176	176	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	312	312	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_LRPRF	618	618	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	280335940	280335940	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	418355309	418355309	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	5160676	5160676	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	0.412002563	0.412003011 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	2695739559	2695739559	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Modl	0.150421143	0.150420994 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	130.934006	130.934006	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	195.380005	195.380005	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	30.4899998	30.4899998	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	159.070007	159.070007	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	65.9000015	65.9000015	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	2.52999997	2.52999997	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	0.626052976	0.626052976	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_SysCC	0.412002563	0.412003011 ± 0.0000152587890625	✓

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







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Test Step 2.23 (Repeat Count = 1)				
Name		Input Value		
CDD_CDDDataAccessBfr_Cnt_G_u16		1		
CDD_CorrMtrCurrPosition_Rev_G_f32[0]		0.523895025		
CDD_CorrMtrCurrPosition_Rev_G_f32[1]		0.523999989		
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]		34334		
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]		34341		
CDD_CumMechMtrPos_Rev_s15p16[0]		34334		
CDD_CumMechMtrPos_Rev_s15p16[1]		34341		
CDD_Die1RxError_Cnt_G_u16[0]		5140		
CDD_Die1RxError_Cnt_G_u16[1]		7340		
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_Die1UnderVoltgFltAccum_Cnt_G_u16[0]		5019		
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]		7153		
CDD_Die2RxError_Cnt_G_u16[0]		2962		
CDD_Die2RxError_Cnt_G_u16[1]		3974		
CDD_Die2RxMtrPos_Cnt_G_u16[0]		4777		
CDD_Die2RxMtrPos_Cnt_G_u16[1]		6779		
CDD_Die2RxRevCtr_Cnt_G_u16[0]		2357		
CDD_Die2RxRevCtr_Cnt_G_u16[1]		3039		
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]		350374653		
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]		2843243993		
CDD_MechMtrPos1_Rev_G_u0p16[0]		34334		
CDD_MechMtrPos1_Rev_G_u0p16[1]		34341		
CDD_ModIdxFinal_Uls_G_u16p16[0]		10934		
CDD_ModIdxFinal_Uls_G_u16p16[1]		43409		
CDD_MtrCurr1_Volts_G_f32[0]		1.25		
CDD_MtrCurr1_Volts_G_f32[1]		2.25999999		
CDD_MtrCurr2_Volts_G_f32[0]		0.319949001		
CDD_MtrCurr2_Volts_G_f32[1]		1.36109996		
CDD_MtrCurrDax_Amp_G_f32[0]		144.751007		
CDD_MtrCurrDax_Amp_G_f32[1]		155.233994		
CDD_MtrCurrK1_Amps_G_f32[0]		193.190002		
CDD_MtrCurrK1_Amps_G_f32[1]		205.779999		
CDD_MtrCurrK2_Amps_G_f32[0]		38.1800003		
CDD_MtrCurrK2_Amps_G_f32[1]		31.2700005		
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]		-68.6399994		
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]		-57.4700012		
CDD_MtrCurrQax_Amp_G_f32[0]		131.130005		
CDD_MtrCurrQax_Amp_G_f32[1]		179.600006		
CDD_MtrVoltDax_Volt_G_f32[0]		1.52999997		
CDD_MtrVoltDax_Volt_G_f32[1]		2.53999996		
CDD_MtrVoltQax_Volt_G_f32[0]		1.46022999		
CDD_MtrVoltQax_Volt_G_f32[1]		3.59956002		
CDD_PWMdutyCycleASum_Cnt_G_u32[0]		3809		
CDD_PWMdutyCycleASum_Cnt_G_u32[1]		5283		
CDD_PWMdutyCycleBSum_Cnt_G_u32[0]		182		
CDD_PWMdutyCycleBSum_Cnt_G_u32[1]		184		
CDD_PWMdutyCycleCSum_Cnt_G_u32[0]		6229		
CDD_PWMdutyCycleCSum_Cnt_G_u32[1]		9023		
CDD_PhaseAdvFinal_Cnt_G_u16[0]		6567		
CDD_PhaseAdvFinal_Cnt_G_u16[1]		8910		
CDD_RxMtrPosParityAccum_Cnt_G_u16[0]		2357		
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]		3039		
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]		34334		
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]		34341		
CDD_SysCVSwitchADC_Cnt_G_u16[0]		955		
CDD_SysCVSwitchADC_Cnt_G_u16[1]		2091		
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]		34334		
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]		34341		
PXAccumPrev_Cnt_M_u32[0]		379208162		
PXAccumPrev_Cnt_M_u32[1]		41638326		
PXAccumPrev_Cnt_M_u32[2]		485296289		
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word		3656733696		
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word		3465486848		
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word		2868920320		
Name	Actual Value	Expected Value	Result	
CDD_CDDDataAccessBfr_Cnt_G_u16	0	0		
PXAccumPrev_Cnt_M_u32[0]	457091712	457091712		
PXAccumPrev_Cnt_M_u32[1]	433185856	433185856		

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Name	Actual Value	Expected Value	Result
PXAccumPrev_Cnt_M_u32[2]	358615040	358615040	✓
Rte_Task_2ms_10.Rte_TB.Rte_I_CDDInterface_SysCVSwitchADC_Cnt_u16.value	2091	2091	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	2.25999999	2.25999999	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	1.36109996	1.36109996	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.523999989	0.523999989	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.524002075	0.524002016 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	5283	5283	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	184	184	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	9023	9023	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_LRPRF	835	835	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	77883550	77883550	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	391547530	391547530	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	410189663	410189663	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	0.524002075	0.524002016 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	2843243993	2843243993	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Modl	0.662368774	0.662369013 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	155.233994	155.233994	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	205.779999	205.779999	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	31.2700005	31.2700005	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	179.600006	179.600006	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	-57.4700012	-57.4700012	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	2.53999996	2.53999996	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	3.59956002	3.59956002	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_SysCC	0.524002075	0.524002016 ± 0.0000152587890625	✓

## Test Step Call Trace

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]	0
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	10872
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	10879
CDD_CumMechMtrPos_Rev_s15p16[0]	10872
CDD_CumMechMtrPos_Rev_s15p16[1]	10879
CDD_Die1RxError_Cnt_G_u16[0]	4777
CDD_Die1RxError_Cnt_G_u16[1]	6779
CDD_Die1RxMtrPos_Cnt_G_u16[0]	4898
CDD_Die1RxMtrPos_Cnt_G_u16[1]	6966
CDD_Die1RxRevCtr_Cnt_G_u16[0]	4898
CDD_Die1RxRevCtr_Cnt_G_u16[1]	6966
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	2236
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]	2852
CDD_Die2RxError_Cnt_G_u16[0]	3083
CDD_Die2RxError_Cnt_G_u16[1]	4161
CDD_Die2RxMtrPos_Cnt_G_u16[0]	4898
CDD_Die2RxMtrPos_Cnt_G_u16[1]	6966
CDD_Die2RxRevCtr_Cnt_G_u16[0]	2478
CDD_Die2RxRevCtr_Cnt_G_u16[1]	3226
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	472664732
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	2820043235
CDD_MechMtrPos1_Rev_G_u0p16[0]	10872
CDD_MechMtrPos1_Rev_G_u0p16[1]	10879
CDD_ModlxFinal_Uls_G_u16p16[0]	229
CDD_ModlxFinal_Uls_G_u16p16[1]	19083
CDD_MtrCurr1_Volts_G_f32[0]	1.25999999
CDD_MtrCurr1_Volts_G_f32[1]	2.26999998
CDD_MtrCurr2_Volts_G_f32[0]	3.3282001
CDD_MtrCurr2_Volts_G_f32[1]	1.43834996
CDD_MtrCurrDax_Amp_G_f32[0]	-168.791
CDD_MtrCurrDax_Amp_G_f32[1]	-159.533997
CDD_MtrCurrK1_Amps_G_f32[0]	-159.070007
CDD_MtrCurrK1_Amps_G_f32[1]	-116.019997
CDD_MtrCurrK2_Amps_G_f32[0]	39.4000015
CDD_MtrCurrK2_Amps_G_f32[1]	32.0499992
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	59.1399994
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	71.3799973

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Name	Input Value
CDD_MtrCurrQax_Amp_G_f32[0]	-200.130005
CDD_MtrCurrQax_Amp_G_f32[1]	-146.240005
CDD_MtrVoltDax_Volt_G_f32[0]	1.53999996
CDD_MtrVoltDax_Volt_G_f32[1]	2.54999995
CDD_MtrVoltQax_Volt_G_f32[0]	1.35423005
CDD_MtrVoltQax_Volt_G_f32[1]	2.51804996
CDD_PWMdutyCycleASum_Cnt_G_u32[0]	3930
CDD_PWMdutyCycleASum_Cnt_G_u32[1]	5470
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]	7688
CDD_PhaseAdvFinal_Cnt_G_u16[1]	9097
CDD_RxMtrPosParityAccum_Cnt_G_u16[0]	2478
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	3226
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	10872
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	10879
CDD_SysCVSwitchADC_Cnt_G_u16[0]	628
CDD_SysCVSwitchADC_Cnt_G_u16[1]	849
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	10872
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	10879
PXAccumPrev_Cnt_M_u32[0]	408494703
PXAccumPrev_Cnt_M_u32[1]	41723786
PXAccumPrev_Cnt_M_u32[2]	263802997
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	1678690048
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	4143537408
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	329122560

Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	0	0	✓
PXAccumPrev_Cnt_M_u32[0]	209836256	209836256	✓
PXAccumPrev_Cnt_M_u32[1]	517942176	517942176	✓
PXAccumPrev_Cnt_M_u32[2]	41140320	41140320	✓
Rte_Task_2ms_10.Rte_TB.Rte_I_CDDInterface_SysCVSwitchADC_Cnt_u16.value	849	849	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	2.26999998	2.26999998	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	1.43834996	1.43834996	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0	0	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.166000366	0.165999994 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	5470	5470	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	192	192	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	9210	9210	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_LRPRF	852	852	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	338212465	338212465	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	476218390	476218390	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	314208235	314208235	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	0.166000366	0.165999994 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	2820043235	2820043235	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Modl	0.291183472	0.291182995 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	-159.533997	-159.533997	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	-116.019997	-116.019997	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	32.0499992	32.0499992	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	-146.240005	-146.240005	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	71.3799973	71.3799973	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	2.54999995	2.54999995	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	2.51804996	2.51804996	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_SysCC	0.166000366	0.165999994 ± 0.0000152587890625	✓

## Test Step Call Trace

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	0
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	0.99998498
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.99998498
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	15217
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	15224
CDD_CumMechMtrPos_Rev_s15p16[0]	15217
CDD_CumMechMtrPos_Rev_s15p16[1]	15224

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Name	Input Value		
CDD_Die1RxError_Cnt_G_u16[0]	4898		
CDD_Die1RxError_Cnt_G_u16[1]	6966		
CDD_Die1RxMtrPos_Cnt_G_u16[0]	5019		
CDD_Die1RxMtrPos_Cnt_G_u16[1]	7153		
CDD_Die1RxRevCtr_Cnt_G_u16[0]	5019		
CDD_Die1RxRevCtr_Cnt_G_u16[1]	7153		
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	2357		
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]	3039		
CDD_Die2RxError_Cnt_G_u16[0]	3204		
CDD_Die2RxError_Cnt_G_u16[1]	4348		
CDD_Die2RxMtrPos_Cnt_G_u16[0]	5019		
CDD_Die2RxMtrPos_Cnt_G_u16[1]	7153		
CDD_Die2RxRevCtr_Cnt_G_u16[0]	2599		
CDD_Die2RxRevCtr_Cnt_G_u16[1]	3413		
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	472664731		
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	2820043234		
CDD_MechMtrPos1_Rev_G_u0p16[0]	15217		
CDD_MechMtrPos1_Rev_G_u0p16[1]	15224		
CDD_ModIdxFinal_Uls_G_u16p16[0]	64200		
CDD_ModIdxFinal_Uls_G_u16p16[1]	64786		
CDD_MtrCurr1_Volts_G_f32[0]	1.26999998		
CDD_MtrCurr1_Volts_G_f32[1]	2.27999997		
CDD_MtrCurr2_Volts_G_f32[0]	4.63729		
CDD_MtrCurr2_Volts_G_f32[1]	4.91122007		
CDD_MtrCurrDax_Amp_G_f32[0]	192.830994		
CDD_MtrCurrDax_Amp_G_f32[1]	203.834		
CDD_MtrCurrK1_Amps_G_f32[0]	-179.600006		
CDD_MtrCurrK1_Amps_G_f32[1]	-131.130005		
CDD_MtrCurrK2_Amps_G_f32[0]	-87.8199997		
CDD_MtrCurrK2_Amps_G_f32[1]	-69.1600037		
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	60.8100014		
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	74.1200027		
CDD_MtrCurrQax_Amp_G_f32[0]	-210.660004		
CDD_MtrCurrQax_Amp_G_f32[1]	-161.350006		
CDD_MtrVoltDax_Volt_G_f32[0]	1.17999995		
CDD_MtrVoltDax_Volt_G_f32[1]	2.18993998		
CDD_MtrVoltQax_Volt_G_f32[0]	2.34871006		
CDD_MtrVoltQax_Volt_G_f32[1]	3.41698003		
CDD_PWMdutyCycleASum_Cnt_G_u32[0]	4051		
CDD_PWMdutyCycleASum_Cnt_G_u32[1]	5657		
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]	312		
CDD_PhaseAdvFinal_Cnt_G_u16[0]	5019		
CDD_PhaseAdvFinal_Cnt_G_u16[1]	7153		
CDD_RxMtrPosParityAccum_Cnt_G_u16[0]	2599		
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	3413		
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	15217		
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	15224		
CDD_SysCVSwitchADC_Cnt_G_u16[0]	762		
CDD_SysCVSwitchADC_Cnt_G_u16[1]	2986		
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	15217		
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	15224		
PXAccumPrev_Cnt_M_u32[0]	35262521		
PXAccumPrev_Cnt_M_u32[1]	374225682		
PXAccumPrev_Cnt_M_u32[2]	514208842		
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	793669120		
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	73837568		
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	2022750720		
Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	1	1	✔
PXAccumPrev_Cnt_M_u32[0]	99208640	99208640	✔
PXAccumPrev_Cnt_M_u32[1]	9229696	9229696	✔
PXAccumPrev_Cnt_M_u32[2]	252843840	252843840	✔
Rte_Task_2ms_10.Rte_TB.Rte_I_CDDInterface_SysCVSwitchADC_Cnt_u16.value	762	762	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	1.26999998	1.26999998	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	4.63729	4.63729	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.99998498	0.99998498	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.232192993	0.232192993 ± 0.0000152587890625	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	4051	4051	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	198	198	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	214	214	✔

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Name	Actual Value	Expected Value	Result
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_LRPRF	470	470	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	63946119	63946119	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	171874926	171874926	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	275505910	275505910	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	0.232192993	0.232192993 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	472664731	472664731	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Modl	0.979614258	0.979614019 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	192.830994	192.830994	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	-179.600006	-179.600006	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	-87.8199997	-87.8199997	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	-210.660004	-210.660004	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	60.8100014	60.8100014	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	1.17999995	1.17999995	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	2.34871006	2.34871006	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_SysCC	0.232192993	0.232192993 ± 0.0000152587890625	✓

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	1
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	0.368896008
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.368899988
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	20480
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	20487
CDD_CumMechMtrPos_Rev_s15p16[0]	10872
CDD_CumMechMtrPos_Rev_s15p16[1]	10879
CDD_Die1RxError_Cnt_G_u16[0]	5140
CDD_Die1RxError_Cnt_G_u16[1]	7340
CDD_Die1RxMtrPos_Cnt_G_u16[0]	5140
CDD_Die1RxMtrPos_Cnt_G_u16[1]	7340
CDD_Die1RxRevCtr_Cnt_G_u16[0]	5140
CDD_Die1RxRevCtr_Cnt_G_u16[1]	7340
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	2478
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]	3226
CDD_Die2RxError_Cnt_G_u16[0]	5140
CDD_Die2RxError_Cnt_G_u16[1]	7340
CDD_Die2RxMtrPos_Cnt_G_u16[0]	5140
CDD_Die2RxMtrPos_Cnt_G_u16[1]	7340
CDD_Die2RxRevCtr_Cnt_G_u16[0]	2720
CDD_Die2RxRevCtr_Cnt_G_u16[1]	3600
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	1999715327
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	1762676376
CDD_MechMtrPos1_Rev_G_u0p16[0]	16148
CDD_MechMtrPos1_Rev_G_u0p16[1]	16155
CDD_ModlIdxFinal_Uls_G_u16p16[0]	60693
CDD_ModlIdxFinal_Uls_G_u16p16[1]	15491
CDD_MtrCurr1_Volts_G_f32[0]	1.27999997
CDD_MtrCurr1_Volts_G_f32[1]	2.28999996
CDD_MtrCurr2_Volts_G_f32[0]	3.56436992
CDD_MtrCurr2_Volts_G_f32[1]	0.210186005
CDD_MtrCurrDax_Amp_G_f32[0]	141.156998
CDD_MtrCurrDax_Amp_G_f32[1]	151.380005
CDD_MtrCurrK1_Amps_G_f32[0]	98.3199997
CDD_MtrCurrK1_Amps_G_f32[1]	119.690002
CDD_MtrCurrK2_Amps_G_f32[0]	70.8300018
CDD_MtrCurrK2_Amps_G_f32[1]	90.5599976
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	-76.8600006
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	-62.4799995
CDD_MtrCurrQax_Amp_G_f32[0]	-25.5799999
CDD_MtrCurrQax_Amp_G_f32[1]	-20.4699993
CDD_MtrVoltDax_Volt_G_f32[0]	1.18993998
CDD_MtrVoltDax_Volt_G_f32[1]	2.19994998
CDD_MtrVoltQax_Volt_G_f32[0]	1.43172002
CDD_MtrVoltQax_Volt_G_f32[1]	4.09735012
CDD_PWMDDutyCycleASum_Cnt_G_u32[0]	4172
CDD_PWMDDutyCycleASum_Cnt_G_u32[1]	5844
CDD_PWMDDutyCycleBSum_Cnt_G_u32[0]	206

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Name	Input Value		
CDD_PWMDDutyCycleBSum_Cnt_G_u32[1]	256		
CDD_PWMDDutyCycleCSum_Cnt_G_u32[0]	222		
CDD_PWMDDutyCycleCSum_Cnt_G_u32[1]	368		
CDD_PhaseAdvFinal_Cnt_G_u16[0]	5140		
CDD_PhaseAdvFinal_Cnt_G_u16[1]	7340		
CDD_RxMtrPosParityAccum_Cnt_G_u16[0]	2720		
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	3600		
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	16148		
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	16155		
CDD_SysCVSwitchADC_Cnt_G_u16[0]	534		
CDD_SysCVSwitchADC_Cnt_G_u16[1]	1008		
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	20519		
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	20526		
PXAccumPrev_Cnt_M_u32[0]	386871957		
PXAccumPrev_Cnt_M_u32[1]	234459332		
PXAccumPrev_Cnt_M_u32[2]	392375197		
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	3236657408		
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	4162502400		
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	2639566080		
Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	0	0	✓
PXAccumPrev_Cnt_M_u32[0]	404582176	404582176	✓
PXAccumPrev_Cnt_M_u32[1]	520312800	520312800	✓
PXAccumPrev_Cnt_M_u32[2]	329945760	329945760	✓
Rte_Task_2ms_10.Rte_TB.Rte_I_CDDInterface_SysCVSwitchADC_Cnt_u16.value	1008	1008	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	2.28999996	2.28999996	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	0.210186005	0.210186005	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.368999988	0.368999988	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.312606812	0.31260699 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	5844	5844	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	256	256	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	368	368	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_LRPRF	688	688	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	17710219	17710219	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	285853468	285853468	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	474441475	474441475	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	0.246505737	0.246506006 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	1762676376	1762676376	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Modldx	0.236373901	0.236374006 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	151.380005	151.380005	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	119.690002	119.690002	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	90.5599976	90.5599976	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	-20.4699993	-20.4699993	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	-62.4799995	-62.4799995	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	2.19994998	2.19994998	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	4.09735012	4.09735012	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_SysCC	0.246505737	0.246506006 ± 0.0000152587890625	✓

## 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	0
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	0.246399
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.2465
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	65535
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	65535
CDD_CumMechMtrPos_Rev_s15p16[0]	0
CDD_CumMechMtrPos_Rev_s15p16[1]	0
CDD_Die1RxError_Cnt_G_u16[0]	4777
CDD_Die1RxError_Cnt_G_u16[1]	6779
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_Die1UnderVoltFltAccum_Cnt_G_u16[0]	4777
CDD_Die1UnderVoltFltAccum_Cnt_G_u16[1]	6779
CDD_Die2RxError_Cnt_G_u16[0]	4777



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Name	Input Value		
CDD_Die2RxError_Cnt_G_u16[1]	6779		
CDD_Die2RxMtrPos_Cnt_G_u16[0]	4777		
CDD_Die2RxMtrPos_Cnt_G_u16[1]	6779		
CDD_Die2RxRevCtr_Cnt_G_u16[0]	4777		
CDD_Die2RxRevCtr_Cnt_G_u16[1]	6779		
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	1951727467		
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	648188276		
CDD_MechMtrPos1_Rev_G_u0p16[0]	20519		
CDD_MechMtrPos1_Rev_G_u0p16[1]	20526		
CDD_ModIdxFinal_Uls_G_u16p16[0]	39470		
CDD_ModIdxFinal_Uls_G_u16p16[1]	52320		
CDD_MtrCurr1_Volts_G_f32[0]	3.0999701		
CDD_MtrCurr1_Volts_G_f32[1]	4.5		
CDD_MtrCurr2_Volts_G_f32[0]	3.53065991		
CDD_MtrCurr2_Volts_G_f32[1]	4.50536013		
CDD_MtrCurrDax_Amp_G_f32[0]	-176.199997		
CDD_MtrCurrDax_Amp_G_f32[1]	-165.716995		
CDD_MtrCurrK1_Amps_G_f32[0]	124.269997		
CDD_MtrCurrK1_Amps_G_f32[1]	151.059998		
CDD_MtrCurrK2_Amps_G_f32[0]	72.5		
CDD_MtrCurrK2_Amps_G_f32[1]	93.2900009		
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	64.1500015		
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	79.5999985		
CDD_MtrCurrQax_Amp_G_f32[0]	46.4199982		
CDD_MtrCurrQax_Amp_G_f32[1]	56.9500008		
CDD_MtrVoltDax_Volt_G_f32[0]	1.09998		
CDD_MtrVoltDax_Volt_G_f32[1]	2.19994998		
CDD_MtrVoltQax_Volt_G_f32[0]	3.77291989		
CDD_MtrVoltQax_Volt_G_f32[1]	0.714680016		
CDD_PWMDCycleASum_Cnt_G_u32[0]	4293		
CDD_PWMDCycleASum_Cnt_G_u32[1]	6031		
CDD_PWMDCycleBSum_Cnt_G_u32[0]	1026		
CDD_PWMDCycleBSum_Cnt_G_u32[1]	1040		
CDD_PWMDCycleCSum_Cnt_G_u32[0]	230		
CDD_PWMDCycleCSum_Cnt_G_u32[1]	424		
CDD_PhaseAdvFinal_Cnt_G_u16[0]	4777		
CDD_PhaseAdvFinal_Cnt_G_u16[1]	6779		
CDD_RxMtrPosParityAccum_Cnt_G_u16[0]	4777		
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	6779		
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	20519		
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	20526		
CDD_SysCVSwitchADC_Cnt_G_u16[0]	383		
CDD_SysCVSwitchADC_Cnt_G_u16[1]	2093		
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	26994		
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	27001		
PXAccumPrev_Cnt_M_u32[0]	363645271		
PXAccumPrev_Cnt_M_u32[1]	391942056		
PXAccumPrev_Cnt_M_u32[2]	479213816		
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	2717931520		
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	3104474624		
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	2754937856		
Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	1	1	✔
PXAccumPrev_Cnt_M_u32[0]	339741440	339741440	✔
PXAccumPrev_Cnt_M_u32[1]	388059328	388059328	✔
PXAccumPrev_Cnt_M_u32[2]	344367232	344367232	✔
Rte_Task_2ms_10.Rte_TB.Rte_I_CDDInterface_SysCVSwitchADC_Cnt_u16.value	383	383	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	3.0999701	3.0999701	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	3.53065991	3.53065991	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.246399	0.246399	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.999984741	0.99998498 ± 0.0000152587890625	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	4293	4293	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	1026	1026	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	230	230	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_LRPRF	447	447	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	512967081	512967081	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	532988184	532988184	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	402024328	402024328	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	0.313095093	0.313095003 ± 0.0000152587890625	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	1951727467	1951727467	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ModIdx	0.602264404	0.602263987 ± 0.0000152587890625	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCun	-176.199997	-176.199997	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCun	124.269997	124.269997	✔

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Name	Actual Value	Expected Value	Result
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCurr	72.5	72.5	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCurr	46.4199982	46.4199982	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCurr	64.1500015	64.1500015	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	1.09998	1.09998	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	3.77291989	3.77291989	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_SysCC	0.313095093	0.313095003 ± 0.0000152587890625	✓

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

Test Step 2.28 (Repeat Count = 1)	
Name	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16	0
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	0.313095003
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.313199997
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	24176
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	24183
CDD_CumMechMtrPos_Rev_s15p16[0]	65535
CDD_CumMechMtrPos_Rev_s15p16[1]	65535
CDD_Die1RxError_Cnt_G_u16[0]	4898
CDD_Die1RxError_Cnt_G_u16[1]	6966
CDD_Die1RxMtrPos_Cnt_G_u16[0]	4898
CDD_Die1RxMtrPos_Cnt_G_u16[1]	6966
CDD_Die1RxRevCtr_Cnt_G_u16[0]	4898
CDD_Die1RxRevCtr_Cnt_G_u16[1]	6966
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	4898
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]	6966
CDD_Die2RxError_Cnt_G_u16[0]	4898
CDD_Die2RxError_Cnt_G_u16[1]	6966
CDD_Die2RxMtrPos_Cnt_G_u16[0]	4898
CDD_Die2RxMtrPos_Cnt_G_u16[1]	6966
CDD_Die2RxRevCtr_Cnt_G_u16[0]	4898
CDD_Die2RxRevCtr_Cnt_G_u16[1]	6966
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	1204171193
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	1084180652
CDD_MechMtrPos1_Rev_G_u0p16[0]	26994
CDD_MechMtrPos1_Rev_G_u0p16[1]	27001
CDD_ModIdxFinal_Uls_G_u16p16[0]	46906
CDD_ModIdxFinal_Uls_G_u16p16[1]	22601
CDD_MtrCurr1_Volts_G_f32[0]	4.19995022
CDD_MtrCurr1_Volts_G_f32[1]	4.9000001
CDD_MtrCurr2_Volts_G_f32[0]	3.62034988
CDD_MtrCurr2_Volts_G_f32[1]	0.0610715002
CDD_MtrCurrDax_Amp_G_f32[0]	-201.020004
CDD_MtrCurrDax_Amp_G_f32[1]	-190.276993
CDD_MtrCurrK1_Amps_G_f32[0]	120.710999
CDD_MtrCurrK1_Amps_G_f32[1]	130.934006
CDD_MtrCurrK2_Amps_G_f32[0]	74.1699982
CDD_MtrCurrK2_Amps_G_f32[1]	96.0390015
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	65.8199997
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	82.3399963
CDD_MtrCurrQax_Amp_G_f32[0]	72.3700027
CDD_MtrCurrQax_Amp_G_f32[1]	88.3199997
CDD_MtrVoltDax_Volt_G_f32[0]	2.29999995
CDD_MtrVoltDax_Volt_G_f32[1]	3.5
CDD_MtrVoltQax_Volt_G_f32[0]	1.01313996
CDD_MtrVoltQax_Volt_G_f32[1]	3.20713997
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_RxMtrPosParityAccum_Cnt_G_u16[0]	4898
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	6966
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	26994
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	27001



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Name	Input Value		
CDD_SysCVSwitchADC_Cnt_G_u16[0]	2321		
CDD_SysCVSwitchADC_Cnt_G_u16[1]	3394		
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	34334		
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	34341		
PXAccumPrev_Cnt_M_u32[0]	240333365		
PXAccumPrev_Cnt_M_u32[1]	126434304		
PXAccumPrev_Cnt_M_u32[2]	126242192		
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	3976051456		
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	3524735232		
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	3759126272		
Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	1	1	✓
PXAccumPrev_Cnt_M_u32[0]	497006432	497006432	✓
PXAccumPrev_Cnt_M_u32[1]	440591904	440591904	✓
PXAccumPrev_Cnt_M_u32[2]	469890784	469890784	✓
Rte_Task_2ms_10.Rte_TB.Rte_I_CDDInterface_SysCVSwitchADC_Cnt_u16.value	2321	2321	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCMt	4.19995022	4.19995022	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCMt	3.62034988	3.62034988	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrMt	0.313095003	0.313095003	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrMt	0.368896484	0.368896008 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	4414	4414	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	1147	1147	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	238	238	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_LRPRF	459	459	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	256673067	256673067	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	314157600	314157600	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	343648592	343648592	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	0.411895752	0.41189599 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	1204171193	1204171193	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Modidx	0.71572876	0.715728998 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	-201.020004	-201.020004	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	120.710999	120.710999	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	74.1699982	74.1699982	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	72.3700027	72.3700027	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	65.8199997	65.8199997	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	2.29999995	2.29999995	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	1.01313996	1.01313996	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_SysCC	0.411895752	0.41189599 ± 0.0000152587890625	✓

## Test Step Call Trace

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]	0.3125
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.312599987
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	20480
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	20487
CDD_CumMechMtrPos_Rev_s15p16[0]	24176
CDD_CumMechMtrPos_Rev_s15p16[1]	24183
CDD_Die1RxError_Cnt_G_u16[0]	5019
CDD_Die1RxError_Cnt_G_u16[1]	7153
CDD_Die1RxMtrPos_Cnt_G_u16[0]	5019
CDD_Die1RxMtrPos_Cnt_G_u16[1]	7153
CDD_Die1RxRevCtr_Cnt_G_u16[0]	5019
CDD_Die1RxRevCtr_Cnt_G_u16[1]	7153
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	5019
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]	7153
CDD_Die2RxError_Cnt_G_u16[0]	5019
CDD_Die2RxError_Cnt_G_u16[1]	7153
CDD_Die2RxMtrPos_Cnt_G_u16[0]	5019
CDD_Die2RxMtrPos_Cnt_G_u16[1]	7153
CDD_Die2RxRevCtr_Cnt_G_u16[0]	5019
CDD_Die2RxRevCtr_Cnt_G_u16[1]	7153
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	2429702552
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	3674751938
CDD_MechMtrPos1_Rev_G_u0p16[0]	34334
CDD_MechMtrPos1_Rev_G_u0p16[1]	34341

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Name	Input Value		
CDD_ModIdxFinal_Uls_G_u16p16[0]	8007		
CDD_ModIdxFinal_Uls_G_u16p16[1]	31056		
CDD_MtrCurr1_Volts_G_f32[0]	2.79999995		
CDD_MtrCurr1_Volts_G_f32[1]	3.69994998		
CDD_MtrCurr2_Volts_G_f32[0]	3.3847599		
CDD_MtrCurr2_Volts_G_f32[1]	3.28495002		
CDD_MtrCurrDax_Amp_G_f32[0]	135.220001		
CDD_MtrCurrDax_Amp_G_f32[1]	211.520004		
CDD_MtrCurrK1_Amps_G_f32[0]	144.751007		
CDD_MtrCurrK1_Amps_G_f32[1]	155.233994		
CDD_MtrCurrK2_Amps_G_f32[0]	-74		
CDD_MtrCurrK2_Amps_G_f32[1]	-64		
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	67.4899979		
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	85.0800018		
CDD_MtrCurrQax_Amp_G_f32[0]	116.019997		
CDD_MtrCurrQax_Amp_G_f32[1]	159.070007		
CDD_MtrVoltDax_Volt_G_f32[0]	2.19994998		
CDD_MtrVoltDax_Volt_G_f32[1]	3.29999995		
CDD_MtrVoltQax_Volt_G_f32[0]	3.42949009		
CDD_MtrVoltQax_Volt_G_f32[1]	0.395577013		
CDD_PWMDDutyCycleASum_Cnt_G_u32[0]	4535		
CDD_PWMDDutyCycleASum_Cnt_G_u32[1]	6405		
CDD_PWMDDutyCycleBSum_Cnt_G_u32[0]	1268		
CDD_PWMDDutyCycleBSum_Cnt_G_u32[1]	1356		
CDD_PWMDDutyCycleCSum_Cnt_G_u32[0]	2962		
CDD_PWMDDutyCycleCSum_Cnt_G_u32[1]	3974		
CDD_PhaseAdvFinal_Cnt_G_u16[0]	5019		
CDD_PhaseAdvFinal_Cnt_G_u16[1]	7153		
CDD_RxMtrPosParityAccum_Cnt_G_u16[0]	5019		
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	7153		
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	20480		
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	20487		
CDD_SysCVSwitchADC_Cnt_G_u16[0]	2561		
CDD_SysCVSwitchADC_Cnt_G_u16[1]	853		
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	20480		
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	20487		
PXAccumPrev_Cnt_M_u32[0]	374087235		
PXAccumPrev_Cnt_M_u32[1]	69154826		
PXAccumPrev_Cnt_M_u32[2]	329738655		
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	827429376		
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	3814535168		
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	722181632		
Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	1	1	✔
PXAccumPrev_Cnt_M_u32[0]	103428672	103428672	✔
PXAccumPrev_Cnt_M_u32[1]	476816896	476816896	✔
PXAccumPrev_Cnt_M_u32[2]	90272704	90272704	✔
Rte_Task_2ms_10.Rte_TB.Rte_I_CDDInterface_SysCVSwitchADC_Cnt_u16.value	2561	2561	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	2.79999995	2.79999995	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	3.3847599	3.3847599	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.3125	0.3125	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.3125	0.3125 ± 0.0000152587890625	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	4535	4535	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	1268	1268	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	2962	2962	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_LRPRF	470	470	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	266212349	266212349	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	407662070	407662070	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	297404961	297404961	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	0.523895264	0.523895025 ± 0.0000152587890625	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	2429702552	2429702552	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ModIdx	0.122177124	0.122176997 ± 0.0000152587890625	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCun	135.220001	135.220001	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCun	144.751007	144.751007	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCun	-74	-74	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCun	116.019997	116.019997	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCun	67.4899979	67.4899979	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	2.19994998	2.19994998	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	3.42949009	3.42949009	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_SvsCC	0.3125	0.3125 ± 0.0000152587890625	✔

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CDDInterface\_Per1



## Test Step Call Trace

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]	0.411300004
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.411399999
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	26955
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	26962
CDD_CumMechMtrPos_Rev_s15p16[0]	26955
CDD_CumMechMtrPos_Rev_s15p16[1]	26962
CDD_Die1RxError_Cnt_G_u16[0]	0
CDD_Die1RxError_Cnt_G_u16[1]	0
CDD_Die1RxMtrPos_Cnt_G_u16[0]	2236
CDD_Die1RxMtrPos_Cnt_G_u16[1]	2852
CDD_Die1RxRevCtr_Cnt_G_u16[0]	2236
CDD_Die1RxRevCtr_Cnt_G_u16[1]	2852
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	2236
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]	2852
CDD_Die2RxError_Cnt_G_u16[0]	2236
CDD_Die2RxError_Cnt_G_u16[1]	2852
CDD_Die2RxMtrPos_Cnt_G_u16[0]	2236
CDD_Die2RxMtrPos_Cnt_G_u16[1]	2852
CDD_Die2RxRevCtr_Cnt_G_u16[0]	2236
CDD_Die2RxRevCtr_Cnt_G_u16[1]	2852
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	3490774830
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	2224999666
CDD_MechMtrPos1_Rev_G_u0p16[0]	26955
CDD_MechMtrPos1_Rev_G_u0p16[1]	26962
CDD_ModIdxFinal_Uls_G_u16p16[0]	54577
CDD_ModIdxFinal_Uls_G_u16p16[1]	18913
CDD_MtrCurr1_Volts_G_f32[0]	3.0999701
CDD_MtrCurr1_Volts_G_f32[1]	4.5
CDD_MtrCurr2_Volts_G_f32[0]	0.862814009
CDD_MtrCurr2_Volts_G_f32[1]	1.64830005
CDD_MtrCurrDax_Amp_G_f32[0]	136.520004
CDD_MtrCurrDax_Amp_G_f32[1]	212.479996
CDD_MtrCurrK1_Amps_G_f32[0]	-168.791
CDD_MtrCurrK1_Amps_G_f32[1]	-159.533997
CDD_MtrCurrK2_Amps_G_f32[0]	75.5
CDD_MtrCurrK2_Amps_G_f32[1]	83.8000031
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	-87.8199997
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	-69.1600037
CDD_MtrCurrQax_Amp_G_f32[0]	131.130005
CDD_MtrCurrQax_Amp_G_f32[1]	179.600006
CDD_MtrVoltDax_Volt_G_f32[0]	2.5
CDD_MtrVoltDax_Volt_G_f32[1]	3.4000001
CDD_MtrVoltQax_Volt_G_f32[0]	2.82807994
CDD_MtrVoltQax_Volt_G_f32[1]	1.13059998
CDD_PWMDDutyCycleASum_Cnt_G_u32[0]	4656
CDD_PWMDDutyCycleASum_Cnt_G_u32[1]	6592
CDD_PWMDDutyCycleBSum_Cnt_G_u32[0]	1389
CDD_PWMDDutyCycleBSum_Cnt_G_u32[1]	1543
CDD_PWMDDutyCycleCSum_Cnt_G_u32[0]	3083
CDD_PWMDDutyCycleCSum_Cnt_G_u32[1]	4161
CDD_PhaseAdvFinal_Cnt_G_u16[0]	2236
CDD_PhaseAdvFinal_Cnt_G_u16[1]	2852
CDD_RxMtrPosParityAccum_Cnt_G_u16[0]	2236
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	2852
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	26955
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	26962
CDD_SysCVSwitchADC_Cnt_G_u16[0]	2315
CDD_SysCVSwitchADC_Cnt_G_u16[1]	1387
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	26955
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	26962
PXAccumPrev_Cnt_M_u32[0]	210092053
PXAccumPrev_Cnt_M_u32[1]	250019156
PXAccumPrev_Cnt_M_u32[2]	34484072

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Name	Input Value		
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	611454208		
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	1246180096		
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	2121525504		
Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	0	0	✓
PXAccumPrev_Cnt_M_u32[0]	76431776	76431776	✓
PXAccumPrev_Cnt_M_u32[1]	155772512	155772512	✓
PXAccumPrev_Cnt_M_u32[2]	265190688	265190688	✓
Rte_Task_2ms_10.Rte_TB.Rte_I_CDDInterface_SysCVSwitchADC_Cnt_u16.value	1387	1387	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	4.5	4.5	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	1.64830005	1.64830005	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.41139999	0.41139999	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.411407471	0.411406994 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	6592	6592	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	1543	1543	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	4161	4161	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_LRPRF	267	267	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	403210635	403210635	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	442624268	442624268	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	230706616	230706616	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	0.411407471	0.411406994 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	2224999666	2224999666	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Modl	0.288589478	0.288589001 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	212.479996	212.479996	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	-159.533997	-159.533997	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	83.8000031	83.8000031	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	179.600006	179.600006	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	-69.1600037	-69.1600037	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	3.4000001	3.4000001	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	1.13059998	1.13059998	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_SysCC	0.411407471	0.411406994 ± 0.0000152587890625	✓

Test Step Call Trace				
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	0
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	0.523299992
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.523400009
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	34295
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	34302
CDD_CumMechMtrPos_Rev_s15p16[0]	34295
CDD_CumMechMtrPos_Rev_s15p16[1]	34302
CDD_Die1RxError_Cnt_G_u16[0]	65535
CDD_Die1RxError_Cnt_G_u16[1]	65535
CDD_Die1RxMtrPos_Cnt_G_u16[0]	2357
CDD_Die1RxMtrPos_Cnt_G_u16[1]	3039
CDD_Die1RxRevCtr_Cnt_G_u16[0]	2357
CDD_Die1RxRevCtr_Cnt_G_u16[1]	3039
CDD_Die1UnderVltgFltAccum_Cnt_G_u16[0]	2357
CDD_Die1UnderVltgFltAccum_Cnt_G_u16[1]	3039
CDD_Die2RxError_Cnt_G_u16[0]	2357
CDD_Die2RxError_Cnt_G_u16[1]	3039
CDD_Die2RxMtrPos_Cnt_G_u16[0]	2357
CDD_Die2RxMtrPos_Cnt_G_u16[1]	3039
CDD_Die2RxRevCtr_Cnt_G_u16[0]	2357
CDD_Die2RxRevCtr_Cnt_G_u16[1]	3039
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	3490774831
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	2224999667
CDD_MechMtrPos1_Rev_G_u0p16[0]	34295
CDD_MechMtrPos1_Rev_G_u0p16[1]	34302
CDD_ModlxFinal_Uls_G_u16p16[0]	28745
CDD_ModlxFinal_Uls_G_u16p16[1]	48181
CDD_MtrCurr1_Volts_G_f32[0]	4.19990015
CDD_MtrCurr1_Volts_G_f32[1]	4.9000001
CDD_MtrCurr2_Volts_G_f32[0]	2.44296002
CDD_MtrCurr2_Volts_G_f32[1]	4.93654013
CDD_MtrCurrDax_Amp_G_f32[0]	137.820007

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Name	Input Value
CDD_MtrCurrDax_Amp_G_f32[1]	213.440002
CDD_MtrCurrK1_Amps_G_f32[0]	192.830994
CDD_MtrCurrK1_Amps_G_f32[1]	203.834
CDD_MtrCurrK2_Amps_G_f32[0]	50
CDD_MtrCurrK2_Amps_G_f32[1]	60
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	70.8300018
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	90.5599976
CDD_MtrCurrQax_Amp_G_f32[0]	-200.130005
CDD_MtrCurrQax_Amp_G_f32[1]	-146.240005
CDD_MtrVoltDax_Volt_G_f32[0]	3.09998012
CDD_MtrVoltDax_Volt_G_f32[1]	4.5
CDD_MtrVoltQax_Volt_G_f32[0]	4.85532999
CDD_MtrVoltQax_Volt_G_f32[1]	1.72207999
CDD_PWMDutyCycleASum_Cnt_G_u32[0]	4777
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	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_RxMtrPosParityAccum_Cnt_G_u16[0]	2357
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	3039
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	34295
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	34302
CDD_SysCVSwitchADC_Cnt_G_u16[0]	695
CDD_SysCVSwitchADC_Cnt_G_u16[1]	145
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	34295
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	34302
PXAccumPrev_Cnt_M_u32[0]	338882368
PXAccumPrev_Cnt_M_u32[1]	55072758
PXAccumPrev_Cnt_M_u32[2]	46710326
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	2059181056
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	894773760
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	1462175744

Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	1	1	✓
PXAccumPrev_Cnt_M_u32[0]	257397632	257397632	✓
PXAccumPrev_Cnt_M_u32[1]	111846720	111846720	✓
PXAccumPrev_Cnt_M_u32[2]	182771968	182771968	✓
Rte_Task_2ms_10.Rte_TB.Rte_I_CDDInterface_SysCVSwitchADC_Cnt_u16.value	695	695	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	4.19990015	4.19990015	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	2.44296002	2.44296002	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.523299992	0.523299992	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.523300171	0.523299992 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	4777	4777	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	1510	1510	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	3204	3204	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_LRPRF	220	220	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	455386176	455386176	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	56773962	56773962	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	136061642	136061642	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	0.523300171	0.523299992 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	3490774831	3490774831	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Modl	0.438613892	0.438614011 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	137.820007	137.820007	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	192.830994	192.830994	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	50	50	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	-200.130005	-200.130005	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	70.8300018	70.8300018	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	3.09998012	3.09998012	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	4.85532999	4.85532999	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_SysCC	0.523300171	0.523299992 ± 0.0000152587890625	✓

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

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## Test Step 2.32 (Repeat Count = 1)

Name	Input Value		
CDD_CDDDataAccessBfr_Cnt_G_u16	0		
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	0.165298		
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.165399998		
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	10833		
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	10840		
CDD_CumMechMtrPos_Rev_s15p16[0]	10833		
CDD_CumMechMtrPos_Rev_s15p16[1]	10840		
CDD_Die1RxError_Cnt_G_u16[0]	5019		
CDD_Die1RxError_Cnt_G_u16[1]	7153		
CDD_Die1RxMtrPos_Cnt_G_u16[0]	2478		
CDD_Die1RxMtrPos_Cnt_G_u16[1]	3226		
CDD_Die1RxRevCtr_Cnt_G_u16[0]	2478		
CDD_Die1RxRevCtr_Cnt_G_u16[1]	3226		
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	2478		
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]	3226		
CDD_Die2RxError_Cnt_G_u16[0]	2478		
CDD_Die2RxError_Cnt_G_u16[1]	3226		
CDD_Die2RxMtrPos_Cnt_G_u16[0]	2478		
CDD_Die2RxMtrPos_Cnt_G_u16[1]	3226		
CDD_Die2RxRevCtr_Cnt_G_u16[0]	2478		
CDD_Die2RxRevCtr_Cnt_G_u16[1]	3226		
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	4047851873		
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	3858799598		
CDD_MechMtrPos1_Rev_G_u0p16[0]	10833		
CDD_MechMtrPos1_Rev_G_u0p16[1]	10840		
CDD_ModlxdFinal_Uls_G_u16p16[0]	63574		
CDD_ModlxdFinal_Uls_G_u16p16[1]	1639		
CDD_MtrCurr1_Volts_G_f32[0]	2.79999995		
CDD_MtrCurr1_Volts_G_f32[1]	3.69994998		
CDD_MtrCurr2_Volts_G_f32[0]	3.54518008		
CDD_MtrCurr2_Volts_G_f32[1]	2.79928994		
CDD_MtrCurrDax_Amp_G_f32[0]	139.119995		
CDD_MtrCurrDax_Amp_G_f32[1]	214.399994		
CDD_MtrCurrK1_Amps_G_f32[0]	141.156998		
CDD_MtrCurrK1_Amps_G_f32[1]	151.380005		
CDD_MtrCurrK2_Amps_G_f32[0]	55.7999992		
CDD_MtrCurrK2_Amps_G_f32[1]	65.9000015		
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	72.5		
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	93.2900009		
CDD_MtrCurrQax_Amp_G_f32[0]	-210.660004		
CDD_MtrCurrQax_Amp_G_f32[1]	-161.350006		
CDD_MtrVoltDax_Volt_G_f32[0]	4.19995022		
CDD_MtrVoltDax_Volt_G_f32[1]	4.9000001		
CDD_MtrVoltQax_Volt_G_f32[0]	1.03453004		
CDD_MtrVoltQax_Volt_G_f32[1]	1.11477005		
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		
CDD_RxMtrPosParityAccum_Cnt_G_u16[0]	2478		
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	3226		
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	10833		
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	10840		
CDD_SysCVSwitchADC_Cnt_G_u16[0]	1847		
CDD_SysCVSwitchADC_Cnt_G_u16[1]	3970		
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	10833		
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	10840		
PXAccumPrev_Cnt_M_u32[0]	400629757		
PXAccumPrev_Cnt_M_u32[1]	249691021		
PXAccumPrev_Cnt_M_u32[2]	191590151		
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	2564353792		
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	1153910016		
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	71936768		
Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	1	1	✓
PXAccumPrev_Cnt_M_u32[0]	320544224	320544224	✓
PXAccumPrev_Cnt_M_u32[1]	144238752	144238752	✓



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Name	Actual Value	Expected Value	Result
PXAccumPrev_Cnt_M_u32[2]	8992096	8992096	✓
Rte_Task_2ms_10.Rte_TB.Rte_I_CDDInterface_SysCVSwitchADC_Cnt_u16.value	1847	1847	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	2.79999995	2.79999995	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	3.54518008	3.54518008	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.165298	0.165298	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.165298462	0.165298 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	4898	4898	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	1631	1631	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	3325	3325	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_LRPRF	232	232	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	456785379	456785379	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	431418643	431418643	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	354272857	354272857	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	0.165298462	0.165298 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	4047851873	4047851873	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Modl	0.970062256	0.970062017 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	139.119995	139.119995	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	141.156998	141.156998	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	55.7999992	55.7999992	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	-210.660004	-210.660004	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	72.5	72.5	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	4.19995022	4.19995022	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	1.03453004	1.03453004	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_SysCC	0.165298462	0.165298 ± 0.0000152587890625	✓

Test Step Call Trace				
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	0
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	0.231598005
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.231700003
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	15178
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	15185
CDD_CumMechMtrPos_Rev_s15p16[0]	15178
CDD_CumMechMtrPos_Rev_s15p16[1]	15185
CDD_Die1RxError_Cnt_G_u16[0]	2599
CDD_Die1RxError_Cnt_G_u16[1]	3413
CDD_Die1RxMtrPos_Cnt_G_u16[0]	0
CDD_Die1RxMtrPos_Cnt_G_u16[1]	0
CDD_Die1RxRevCtr_Cnt_G_u16[0]	2599
CDD_Die1RxRevCtr_Cnt_G_u16[1]	3413
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	2599
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]	3413
CDD_Die2RxError_Cnt_G_u16[0]	2599
CDD_Die2RxError_Cnt_G_u16[1]	3413
CDD_Die2RxMtrPos_Cnt_G_u16[0]	2599
CDD_Die2RxMtrPos_Cnt_G_u16[1]	3413
CDD_Die2RxRevCtr_Cnt_G_u16[0]	2599
CDD_Die2RxRevCtr_Cnt_G_u16[1]	3413
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	2359708679
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	852385460
CDD_MechMtrPos1_Rev_G_u0p16[0]	15178
CDD_MechMtrPos1_Rev_G_u0p16[1]	15185
CDD_ModlxFinal_Uls_G_u16p16[0]	29755
CDD_ModlxFinal_Uls_G_u16p16[1]	57952
CDD_MtrCurr1_Volts_G_f32[0]	4
CDD_MtrCurr1_Volts_G_f32[1]	4
CDD_MtrCurr2_Volts_G_f32[0]	4.08052015
CDD_MtrCurr2_Volts_G_f32[1]	0.680755973
CDD_MtrCurrDax_Amp_G_f32[0]	140.419998
CDD_MtrCurrDax_Amp_G_f32[1]	215.360001
CDD_MtrCurrK1_Amps_G_f32[0]	55.5800018
CDD_MtrCurrK1_Amps_G_f32[1]	76.9499969
CDD_MtrCurrK2_Amps_G_f32[0]	-68.6399994
CDD_MtrCurrK2_Amps_G_f32[1]	-57.4700012
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	74.1699982
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	96.0390015

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Name	Input Value
CDD_MtrCurrQax_Amp_G_f32[0]	-25.5799999
CDD_MtrCurrQax_Amp_G_f32[1]	-20.4699993
CDD_MtrVoltDax_Volt_G_f32[0]	2.79999995
CDD_MtrVoltDax_Volt_G_f32[1]	3.69994998
CDD_MtrVoltQax_Volt_G_f32[0]	2.47370005
CDD_MtrVoltQax_Volt_G_f32[1]	1.48212004
CDD_PWMdutyCycleASum_Cnt_G_u32[0]	5019
CDD_PWMdutyCycleASum_Cnt_G_u32[1]	7153
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]	2599
CDD_PhaseAdvFinal_Cnt_G_u16[1]	3413
CDD_RxMtrPosParityAccum_Cnt_G_u16[0]	2599
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	3413
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	15178
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	15185
CDD_SysCVSwitchADC_Cnt_G_u16[0]	3765
CDD_SysCVSwitchADC_Cnt_G_u16[1]	439
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	15178
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	15185
PXAccumPrev_Cnt_M_u32[0]	400160009
PXAccumPrev_Cnt_M_u32[1]	261421523
PXAccumPrev_Cnt_M_u32[2]	53354964
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	3415209472
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	345830400
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	1194181120

Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	1	1	✓
PXAccumPrev_Cnt_M_u32[0]	426901184	426901184	✓
PXAccumPrev_Cnt_M_u32[1]	43228800	43228800	✓
PXAccumPrev_Cnt_M_u32[2]	149272640	149272640	✓
Rte_Task_2ms_10.Rte_TB.Rte_I_CDDInterface_SysCVSwitchADC_Cnt_u16.value	3765	3765	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	4	4	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	4.08052015	4.08052015	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.231598005	0.231598005	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.2315979	0.231598005 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	5019	5019	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	1752	1752	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	3446	3446	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_LRPRF	243	243	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	26741175	26741175	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	318678189	318678189	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	95917676	95917676	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	0.2315979	0.231598005 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	2359708679	2359708679	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Modl	0.454025269	0.454025 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	140.419998	140.419998	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	55.5800018	55.5800018	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	-68.6399994	-68.6399994	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	-25.5799999	-25.5799999	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	74.1699982	74.1699982	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	2.79999995	2.79999995	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	2.47370005	2.47370005	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_SysCC	0.2315979	0.231598005 ± 0.0000152587890625	✓

## Test Step Call Trace

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	0
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	0.368299991
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.368393004
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	24137
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	24143
CDD_CumMechMtrPos_Rev_s15p16[0]	24137
CDD_CumMechMtrPos_Rev_s15p16[1]	24143



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Name	Input Value		
CDD_Die1RxError_Cnt_G_u16[0]	2720		
CDD_Die1RxError_Cnt_G_u16[1]	3600		
CDD_Die1RxMtrPos_Cnt_G_u16[0]	65535		
CDD_Die1RxMtrPos_Cnt_G_u16[1]	65535		
CDD_Die1RxRevCtr_Cnt_G_u16[0]	2720		
CDD_Die1RxRevCtr_Cnt_G_u16[1]	3600		
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	2720		
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]	3600		
CDD_Die2RxError_Cnt_G_u16[0]	2720		
CDD_Die2RxError_Cnt_G_u16[1]	3600		
CDD_Die2RxMtrPos_Cnt_G_u16[0]	2720		
CDD_Die2RxMtrPos_Cnt_G_u16[1]	3600		
CDD_Die2RxRevCtr_Cnt_G_u16[0]	2720		
CDD_Die2RxRevCtr_Cnt_G_u16[1]	3600		
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	1887302325		
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	2184289180		
CDD_MechMtrPos1_Rev_G_u0p16[0]	24137		
CDD_MechMtrPos1_Rev_G_u0p16[1]	24143		
CDD_ModIdxFinal_Uls_G_u16p16[0]	2397		
CDD_ModIdxFinal_Uls_G_u16p16[1]	62165		
CDD_MtrCurr1_Volts_G_f32[0]	0.099969998		
CDD_MtrCurr1_Volts_G_f32[1]	0.199950993		
CDD_MtrCurr2_Volts_G_f32[0]	4.25724983		
CDD_MtrCurr2_Volts_G_f32[1]	1.06017995		
CDD_MtrCurrDax_Amp_G_f32[0]	-216.320007		
CDD_MtrCurrDax_Amp_G_f32[1]	-141.720001		
CDD_MtrCurrK1_Amps_G_f32[0]	-97.4800034		
CDD_MtrCurrK1_Amps_G_f32[1]	-70.6900024		
CDD_MtrCurrK2_Amps_G_f32[0]	-25.5799999		
CDD_MtrCurrK2_Amps_G_f32[1]	-20.4699993		
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	22.3199997		
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	21.1299992		
CDD_MtrCurrQax_Amp_G_f32[0]	-78.0100021		
CDD_MtrCurrQax_Amp_G_f32[1]	67.4800034		
CDD_MtrVoltDax_Volt_G_f32[0]	1.39999998		
CDD_MtrVoltDax_Volt_G_f32[1]	1.59998		
CDD_MtrVoltQax_Volt_G_f32[0]	2.23566008		
CDD_MtrVoltQax_Volt_G_f32[1]	2.02288008		
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]	3567		
CDD_PWMdutyCycleCSum_Cnt_G_u32[1]	4909		
CDD_PhaseAdvFinal_Cnt_G_u16[0]	2720		
CDD_PhaseAdvFinal_Cnt_G_u16[1]	3600		
CDD_RxMtrPosParityAccum_Cnt_G_u16[0]	2720		
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	3600		
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	24137		
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	24143		
CDD_SysCVSwitchADC_Cnt_G_u16[0]	1603		
CDD_SysCVSwitchADC_Cnt_G_u16[1]	3752		
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	24137		
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	24143		
PXAccumPrev_Cnt_M_u32[0]	84669370		
PXAccumPrev_Cnt_M_u32[1]	166611603		
PXAccumPrev_Cnt_M_u32[2]	151734125		
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	3158761728		
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	1519904512		
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	3483204864		
Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	1	1	✔
PXAccumPrev_Cnt_M_u32[0]	394845216	394845216	✔
PXAccumPrev_Cnt_M_u32[1]	189988064	189988064	✔
PXAccumPrev_Cnt_M_u32[2]	435400608	435400608	✔
Rte_Task_2ms_10.Rte_TB.Rte_I_CDDInterface_SysCVSwitchADC_Cnt_u16.value	1603	1603	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	0.099969998	0.099969998	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	4.25724983	4.25724983	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.368299991	0.368299991	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.368301392	0.368301004 ± 0.0000152587890625	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	5140	5140	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	1873	1873	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	3567	3567	✔

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Name	Actual Value	Expected Value	Result
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_LRPRF	255	255	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	310175846	310175846	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	23376461	23376461	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	283666483	283666483	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	0.368301392	0.368301004 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	1887302325	1887302325	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Modl	0.0365753174	0.0365752988 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	-216.320007	-216.320007	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	-97.4800034	-97.4800034	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	-25.5799999	-25.5799999	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	-78.0100021	-78.0100021	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	22.3199997	22.3199997	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	1.39999998	1.39999998	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	2.23566008	2.23566008	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_SysCC	0.368301392	0.368301004 ± 0.0000152587890625	✓

## 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	1
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	0.489594012
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.489699999
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	32086
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	32093
CDD_CumMechMtrPos_Rev_s15p16[0]	32086
CDD_CumMechMtrPos_Rev_s15p16[1]	32093
CDD_Die1RxError_Cnt_G_u16[0]	2841
CDD_Die1RxError_Cnt_G_u16[1]	3787
CDD_Die1RxMtrPos_Cnt_G_u16[0]	5019
CDD_Die1RxMtrPos_Cnt_G_u16[1]	7153
CDD_Die1RxRevCtr_Cnt_G_u16[0]	2841
CDD_Die1RxRevCtr_Cnt_G_u16[1]	3787
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	2841
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]	3787
CDD_Die2RxError_Cnt_G_u16[0]	2841
CDD_Die2RxError_Cnt_G_u16[1]	3787
CDD_Die2RxMtrPos_Cnt_G_u16[0]	2841
CDD_Die2RxMtrPos_Cnt_G_u16[1]	3787
CDD_Die2RxRevCtr_Cnt_G_u16[0]	2841
CDD_Die2RxRevCtr_Cnt_G_u16[1]	3787
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	1354224867
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	3669191344
CDD_MechMtrPos1_Rev_G_u0p16[0]	32086
CDD_MechMtrPos1_Rev_G_u0p16[1]	32093
CDD_ModlxFinal_Uls_G_u16p16[0]	8838
CDD_ModlxFinal_Uls_G_u16p16[1]	44675
CDD_MtrCurr1_Volts_G_f32[0]	0.5
CDD_MtrCurr1_Volts_G_f32[1]	0.599976003
CDD_MtrCurr2_Volts_G_f32[0]	1.60624003
CDD_MtrCurr2_Volts_G_f32[1]	1.23423004
CDD_MtrCurrDax_Amp_G_f32[0]	156.229996
CDD_MtrCurrDax_Amp_G_f32[1]	164.179993
CDD_MtrCurrK1_Amps_G_f32[0]	-118.010002
CDD_MtrCurrK1_Amps_G_f32[1]	-85.8000031
CDD_MtrCurrK2_Amps_G_f32[0]	46.4199982
CDD_MtrCurrK2_Amps_G_f32[1]	56.9500008
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	-21.9099998
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	-23.5400009
CDD_MtrCurrQax_Amp_G_f32[0]	-120.220001
CDD_MtrCurrQax_Amp_G_f32[1]	104.269997
CDD_MtrVoltDax_Volt_G_f32[0]	1.55999994
CDD_MtrVoltDax_Volt_G_f32[1]	1.88999999
CDD_MtrVoltQax_Volt_G_f32[0]	2.76931
CDD_MtrVoltQax_Volt_G_f32[1]	3.90961003
CDD_PWMDDutyCycleASum_Cnt_G_u32[0]	5261
CDD_PWMDDutyCycleASum_Cnt_G_u32[1]	7527
CDD_PWMDDutyCycleBSum_Cnt_G_u32[0]	1994

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Name	Input Value
CDD_PWMDDutyCycleBSum_Cnt_G_u32[1]	2478
CDD_PWMDDutyCycleCSum_Cnt_G_u32[0]	3688
CDD_PWMDDutyCycleCSum_Cnt_G_u32[1]	5096
CDD_PhaseAdvFinal_Cnt_G_u16[0]	2841
CDD_PhaseAdvFinal_Cnt_G_u16[1]	3787
CDD_RxMtrPosParityAccum_Cnt_G_u16[0]	2841
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	3787
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	32086
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	32093
CDD_SysCVSwitchADC_Cnt_G_u16[0]	982
CDD_SysCVSwitchADC_Cnt_G_u16[1]	1492
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	32086
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	32093
PXAccumPrev_Cnt_M_u32[0]	99118087
PXAccumPrev_Cnt_M_u32[1]	190414632
PXAccumPrev_Cnt_M_u32[2]	226615368
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	3213762560
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	1479740928
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	3002747904

Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	0	0	✓
PXAccumPrev_Cnt_M_u32[0]	401720320	401720320	✓
PXAccumPrev_Cnt_M_u32[1]	184967616	184967616	✓
PXAccumPrev_Cnt_M_u32[2]	375343488	375343488	✓
Rte_Task_2ms_10.Rte_TB.Rte_I_CDDInterface_SysCVSwitchADC_Cnt_u16.value	1492	1492	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	0.599976003	0.599976003	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	1.23423004	1.23423004	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.48969999	0.48969999	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.489700317	0.48969999 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	7527	7527	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	2478	2478	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	5096	5096	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_LRPRF	355	355	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	302602233	302602233	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	531423896	531423896	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	148728120	148728120	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	0.489700317	0.48969999 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	3669191344	3669191344	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Modldx	0.681686401	0.681685984 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	164.179993	164.179993	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	-85.8000031	-85.8000031	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	56.9500008	56.9500008	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	104.269997	104.269997	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	-23.5400009	-23.5400009	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	1.88999999	1.88999999	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	3.90961003	3.90961003	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_SysCC	0.489700317	0.48969999 ± 0.0000152587890625	✓

## Test Step Call Trace

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]	0.659300029
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.659393013
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	43208
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	43214
CDD_CumMechMtrPos_Rev_s15p16[0]	43208
CDD_CumMechMtrPos_Rev_s15p16[1]	43214
CDD_Die1RxError_Cnt_G_u16[0]	190
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]	0
CDD_Die1RxRevCtr_Cnt_G_u16[1]	0
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	190
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]	192
CDD_Die2RxError_Cnt_G_u16[0]	190

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Name	Input Value
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]	190
CDD_Die2RxRevCtr_Cnt_G_u16[1]	192
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	3940513946
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	3615687314
CDD_MechMtrPos1_Rev_G_u0p16[0]	43208
CDD_MechMtrPos1_Rev_G_u0p16[1]	43214
CDD_ModIdxFinal_Uls_G_u16p16[0]	47113
CDD_ModIdxFinal_Uls_G_u16p16[1]	50578
CDD_MtrCurr1_Volts_G_f32[0]	0.800000012
CDD_MtrCurr1_Volts_G_f32[1]	0.899999976
CDD_MtrCurr2_Volts_G_f32[0]	0.155322
CDD_MtrCurr2_Volts_G_f32[1]	3.60075998
CDD_MtrCurrDax_Amp_G_f32[0]	165.470001
CDD_MtrCurrDax_Amp_G_f32[1]	174.580002
CDD_MtrCurrK1_Amps_G_f32[0]	100.910004
CDD_MtrCurrK1_Amps_G_f32[1]	138.539993
CDD_MtrCurrK2_Amps_G_f32[0]	72.3700027
CDD_MtrCurrK2_Amps_G_f32[1]	88.3199997
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	-22.6900005
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	-24.7600002
CDD_MtrCurrQax_Amp_G_f32[0]	-162.429993
CDD_MtrCurrQax_Amp_G_f32[1]	141.059998
CDD_MtrVoltDax_Volt_G_f32[0]	1.39999998
CDD_MtrVoltDax_Volt_G_f32[1]	1.59998
CDD_MtrVoltQax_Volt_G_f32[0]	0.838509977
CDD_MtrVoltQax_Volt_G_f32[1]	4.1912899
CDD_PWMDCycleASum_Cnt_G_u32[0]	5382
CDD_PWMDCycleASum_Cnt_G_u32[1]	7714
CDD_PWMDCycleBSum_Cnt_G_u32[0]	2115
CDD_PWMDCycleBSum_Cnt_G_u32[1]	2665
CDD_PWMDCycleCSum_Cnt_G_u32[0]	3809
CDD_PWMDCycleCSum_Cnt_G_u32[1]	5283
CDD_PhaseAdvFinal_Cnt_G_u16[0]	190
CDD_PhaseAdvFinal_Cnt_G_u16[1]	192
CDD_RxMtrPosParityAccum_Cnt_G_u16[0]	190
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	192
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	43208
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	43214
CDD_SysCVSwitchADC_Cnt_G_u16[0]	1585
CDD_SysCVSwitchADC_Cnt_G_u16[1]	3294
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	43208
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	43214
PXAccumPrev_Cnt_M_u32[0]	362706113
PXAccumPrev_Cnt_M_u32[1]	524008045
PXAccumPrev_Cnt_M_u32[2]	191056093
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	3849609984
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	549296384
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	1121967872

Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	0	0	✔
PXAccumPrev_Cnt_M_u32[0]	481201248	481201248	✔
PXAccumPrev_Cnt_M_u32[1]	68662048	68662048	✔
PXAccumPrev_Cnt_M_u32[2]	140245984	140245984	✔
Rte_Task_2ms_10.Rte_TB.Rte_I_CDDInterface_SysCVSwitchADC_Cnt_u16.value	3294	3294	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	0.899999976	0.899999976	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	3.60075998	3.60075998	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrMt	0.659393013	0.659393013	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrMt	0.659393311	0.659393013 ± 0.0000152587890625	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	7714	7714	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	2665	2665	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	5283	5283	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_LRPRF	18	18	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	118495135	118495135	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	81524915	81524915	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	486060803	486060803	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	0.659393311	0.659393013 ± 0.0000152587890625	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	3615687314	3615687314	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ModIdx	0.771759033	0.771758974 ± 0.0000152587890625	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	174.580002	174.580002	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	138.539993	138.539993	✔

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Name	Actual Value	Expected Value	Result
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCurr	88.3199997	88.3199997	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCurr	141.059998	141.059998	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCurr	-24.7600002	-24.7600002	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	1.59998	1.59998	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	4.1912899	4.1912899	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_SysCC	0.659393311	0.659393013 ± 0.0000152587890625	✓

Test Step Call Trace				
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]	0.123795003
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.123899996
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	8113
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	8120
CDD_CumMechMtrPos_Rev_s15p16[0]	8113
CDD_CumMechMtrPos_Rev_s15p16[1]	8120
CDD_Die1RxError_Cnt_G_u16[0]	2962
CDD_Die1RxError_Cnt_G_u16[1]	3974
CDD_Die1RxMtrPos_Cnt_G_u16[0]	2962
CDD_Die1RxMtrPos_Cnt_G_u16[1]	3974
CDD_Die1RxRevCtr_Cnt_G_u16[0]	65535
CDD_Die1RxRevCtr_Cnt_G_u16[1]	65535
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	2962
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]	3974
CDD_Die2RxError_Cnt_G_u16[0]	2962
CDD_Die2RxError_Cnt_G_u16[1]	3974
CDD_Die2RxMtrPos_Cnt_G_u16[0]	2962
CDD_Die2RxMtrPos_Cnt_G_u16[1]	3974
CDD_Die2RxRevCtr_Cnt_G_u16[0]	2962
CDD_Die2RxRevCtr_Cnt_G_u16[1]	3974
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	4107777421
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	1367012853
CDD_MechMtrPos1_Rev_G_u0p16[0]	8113
CDD_MechMtrPos1_Rev_G_u0p16[1]	8120
CDD_ModIdxFinal_Uls_G_u16p16[0]	18600
CDD_ModIdxFinal_Uls_G_u16p16[1]	10955
CDD_MtrCurr1_Volts_G_f32[0]	0.25
CDD_MtrCurr1_Volts_G_f32[1]	1
CDD_MtrCurr2_Volts_G_f32[0]	2.71811008
CDD_MtrCurr2_Volts_G_f32[1]	1.30664003
CDD_MtrCurrDax_Amp_G_f32[0]	174.710007
CDD_MtrCurrDax_Amp_G_f32[1]	184.979996
CDD_MtrCurrK1_Amps_G_f32[0]	116.019997
CDD_MtrCurrK1_Amps_G_f32[1]	159.070007
CDD_MtrCurrK2_Amps_G_f32[0]	-35.7999992
CDD_MtrCurrK2_Amps_G_f32[1]	30.6900005
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	25.9799995
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	23.4699993
CDD_MtrCurrQax_Amp_G_f32[0]	-204.639999
CDD_MtrCurrQax_Amp_G_f32[1]	-177.850006
CDD_MtrVoltDax_Volt_G_f32[0]	2.34998012
CDD_MtrVoltDax_Volt_G_f32[1]	3.55999994
CDD_MtrVoltQax_Volt_G_f32[0]	4.87447023
CDD_MtrVoltQax_Volt_G_f32[1]	4.45652008
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_RxMtrPosParityAccum_Cnt_G_u16[0]	2962
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	3974
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	8113
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	8120

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Name	Input Value		
CDD_SysCVSwitchADC_Cnt_G_u16[0]	3147		
CDD_SysCVSwitchADC_Cnt_G_u16[1]	2357		
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	8113		
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	8120		
PXAccumPrev_Cnt_M_u32[0]	121509273		
PXAccumPrev_Cnt_M_u32[1]	323117805		
PXAccumPrev_Cnt_M_u32[2]	238882909		
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	3566049792		
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	4077516800		
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	3577423360		
Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	0	0	✓
PXAccumPrev_Cnt_M_u32[0]	445756224	445756224	✓
PXAccumPrev_Cnt_M_u32[1]	509689600	509689600	✓
PXAccumPrev_Cnt_M_u32[2]	447177920	447177920	✓
Rte_Task_2ms_10.Rte_TB.Rte_I_CDDInterface_SysCVSwitchADC_Cnt_u16.value	2357	2357	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM1	1	1	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM1	1.30664003	1.30664003	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM1	0.123899996	0.123899996	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM1	0.123901367	0.123901002 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	7901	7901	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	2852	2852	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	5470	5470	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_LRPRF	372	372	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	324246951	324246951	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	186571795	186571795	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	208295011	208295011	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	0.123901367	0.123901002 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	1367012853	1367012853	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Modidx	0.167160034	0.167160004 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	184.979996	184.979996	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	159.070007	159.070007	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	30.6900005	30.6900005	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	-177.850006	-177.850006	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	23.4699993	23.4699993	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	3.55999994	3.55999994	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	4.45652008	4.45652008	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_SysCC	0.123901367	0.123901002 ± 0.0000152587890625	✓

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

Test Step 2.38 (Repeat Count = 1)	
Name	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16	1
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	0.246000007
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.246094003
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	16122
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	16128
CDD_CumMechMtrPos_Rev_s15p16[0]	16122
CDD_CumMechMtrPos_Rev_s15p16[1]	16128
CDD_Die1RxError_Cnt_G_u16[0]	3083
CDD_Die1RxError_Cnt_G_u16[1]	4161
CDD_Die1RxMtrPos_Cnt_G_u16[0]	3083
CDD_Die1RxMtrPos_Cnt_G_u16[1]	4161
CDD_Die1RxRevCtr_Cnt_G_u16[0]	5019
CDD_Die1RxRevCtr_Cnt_G_u16[1]	7153
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	3083
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]	4161
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]	3083
CDD_Die2RxRevCtr_Cnt_G_u16[1]	4161
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	873492437
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	3391496898
CDD_MechMtrPos1_Rev_G_u0p16[0]	16122
CDD_MechMtrPos1_Rev_G_u0p16[1]	16128



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Name	Input Value		
CDD_ModIdxFinal_Uls_G_u16p16[0]	59313		
CDD_ModIdxFinal_Uls_G_u16p16[1]	18243		
CDD_MtrCurr1_Volts_G_f32[0]	0.359984994		
CDD_MtrCurr1_Volts_G_f32[1]	1.19994998		
CDD_MtrCurr2_Volts_G_f32[0]	3.62900996		
CDD_MtrCurr2_Volts_G_f32[1]	3.70884991		
CDD_MtrCurrDax_Amp_G_f32[0]	183.949997		
CDD_MtrCurrDax_Amp_G_f32[1]	195.380005		
CDD_MtrCurrK1_Amps_G_f32[0]	131.130005		
CDD_MtrCurrK1_Amps_G_f32[1]	179.600006		
CDD_MtrCurrK2_Amps_G_f32[0]	72.5		
CDD_MtrCurrK2_Amps_G_f32[1]	93.2900009		
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	-15		
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	-16.4500008		
CDD_MtrCurrQax_Amp_G_f32[0]	-207.679993		
CDD_MtrCurrQax_Amp_G_f32[1]	-130.020004		
CDD_MtrVoltDax_Volt_G_f32[0]	2		
CDD_MtrVoltDax_Volt_G_f32[1]	3		
CDD_MtrVoltQax_Volt_G_f32[0]	1.20471001		
CDD_MtrVoltQax_Volt_G_f32[1]	1.29345		
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_RxMtrPosParityAccum_Cnt_G_u16[0]	3083		
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	4161		
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	16122		
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	16128		
CDD_SysCVSwitchADC_Cnt_G_u16[0]	2617		
CDD_SysCVSwitchADC_Cnt_G_u16[1]	95		
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	16122		
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	16128		
PXAccumPrev_Cnt_M_u32[0]	335672600		
PXAccumPrev_Cnt_M_u32[1]	145249988		
PXAccumPrev_Cnt_M_u32[2]	259504040		
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	350090496		
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	2824919808		
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	2282049792		
Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	0	0	✔
PXAccumPrev_Cnt_M_u32[0]	43761312	43761312	✔
PXAccumPrev_Cnt_M_u32[1]	353114976	353114976	✔
PXAccumPrev_Cnt_M_u32[2]	285256224	285256224	✔
Rte_Task_2ms_10.Rte_TB.Rte_I_CDDInterface_SysCVSwitchADC_Cnt_u16.value	95	95	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	1.19994998	1.19994998	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	3.70884991	3.70884991	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.246094003	0.246094003	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.24609375	0.246094003 ± 0.0000152587890625	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	8088	8088	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	3039	3039	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	150	150	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_LRPRF	390	390	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	244959624	244959624	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	207864988	207864988	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	25752184	25752184	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	0.24609375	0.246094003 ± 0.0000152587890625	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	3391496898	3391496898	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ModIdx	0.278366089	0.278365999 ± 0.0000152587890625	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCun	195.380005	195.380005	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCun	179.600006	179.600006	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCun	93.2900009	93.2900009	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCun	-130.020004	-130.020004	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCun	-16.4500008	-16.4500008	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	3	3	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	1.29345	1.29345	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_SvsCC	0.24609375	0.246094003 ± 0.0000152587890625	✔

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CDDInterface\_Per1



## 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	0
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	0.312698007
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.312799999
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	20493
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	20500
CDD_CumMechMtrPos_Rev_s15p16[0]	20493
CDD_CumMechMtrPos_Rev_s15p16[1]	20500
CDD_Die1RxError_Cnt_G_u16[0]	3204
CDD_Die1RxError_Cnt_G_u16[1]	4348
CDD_Die1RxMtrPos_Cnt_G_u16[0]	3204
CDD_Die1RxMtrPos_Cnt_G_u16[1]	4348
CDD_Die1RxRevCtr_Cnt_G_u16[0]	3204
CDD_Die1RxRevCtr_Cnt_G_u16[1]	4348
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	0
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]	0
CDD_Die2RxError_Cnt_G_u16[0]	3204
CDD_Die2RxError_Cnt_G_u16[1]	4348
CDD_Die2RxMtrPos_Cnt_G_u16[0]	3204
CDD_Die2RxMtrPos_Cnt_G_u16[1]	4348
CDD_Die2RxRevCtr_Cnt_G_u16[0]	3204
CDD_Die2RxRevCtr_Cnt_G_u16[1]	4348
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	3282847839
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	2695739559
CDD_MechMtrPos1_Rev_G_u0p16[0]	20493
CDD_MechMtrPos1_Rev_G_u0p16[1]	20500
CDD_ModIdxFinal_Uls_G_u16p16[0]	9736
CDD_ModIdxFinal_Uls_G_u16p16[1]	34533
CDD_MtrCurr1_Volts_G_f32[0]	1.76999998
CDD_MtrCurr1_Volts_G_f32[1]	2.77999997
CDD_MtrCurr2_Volts_G_f32[0]	0.462801009
CDD_MtrCurr2_Volts_G_f32[1]	2.72179008
CDD_MtrCurrDax_Amp_G_f32[0]	193.190002
CDD_MtrCurrDax_Amp_G_f32[1]	205.779999
CDD_MtrCurrK1_Amps_G_f32[0]	-200.130005
CDD_MtrCurrK1_Amps_G_f32[1]	-146.240005
CDD_MtrCurrK2_Amps_G_f32[0]	-25.5799999
CDD_MtrCurrK2_Amps_G_f32[1]	-20.4699993
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	16.2199993
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	17.2299995
CDD_MtrCurrQax_Amp_G_f32[0]	131.320007
CDD_MtrCurrQax_Amp_G_f32[1]	208.639999
CDD_MtrVoltDax_Volt_G_f32[0]	1.65999997
CDD_MtrVoltDax_Volt_G_f32[1]	2.67000008
CDD_MtrVoltQax_Volt_G_f32[0]	2.14804006
CDD_MtrVoltQax_Volt_G_f32[1]	1.72227001
CDD_PWMDDutyCycleASum_Cnt_G_u32[0]	5745
CDD_PWMDDutyCycleASum_Cnt_G_u32[1]	8275
CDD_PWMDDutyCycleBSum_Cnt_G_u32[0]	2478
CDD_PWMDDutyCycleBSum_Cnt_G_u32[1]	3226
CDD_PWMDDutyCycleCSum_Cnt_G_u32[0]	126
CDD_PWMDDutyCycleCSum_Cnt_G_u32[1]	156
CDD_PhaseAdvFinal_Cnt_G_u16[0]	3204
CDD_PhaseAdvFinal_Cnt_G_u16[1]	4348
CDD_RxMtrPosParityAccum_Cnt_G_u16[0]	3204
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	4348
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	20493
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	20500
CDD_SysCVSwitchADC_Cnt_G_u16[0]	2150
CDD_SysCVSwitchADC_Cnt_G_u16[1]	2538
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	20493
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	20500
PXAccumPrev_Cnt_M_u32[0]	533747165
PXAccumPrev_Cnt_M_u32[1]	271214779
PXAccumPrev_Cnt_M_u32[2]	253273127



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CDDInterface\_Per1

Name	Input Value		
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	2602099712		
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	4087886336		
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	2719141888		
Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	1	1	✓
PXAccumPrev_Cnt_M_u32[0]	325262464	325262464	✓
PXAccumPrev_Cnt_M_u32[1]	510985792	510985792	✓
PXAccumPrev_Cnt_M_u32[2]	339892736	339892736	✓
Rte_Task_2ms_10.Rte_TB.Rte_I_CDDInterface_SysCVSwitchADC_Cnt_u16.value	2150	2150	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	1.76999998	1.76999998	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	0.462801009	0.462801009	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.312698007	0.312698007	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.312698364	0.312698007 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	5745	5745	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	2478	2478	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	126	126	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_LRPRF	300	300	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	328386211	328386211	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	239771013	239771013	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	86619609	86619609	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	0.312698364	0.312698007 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	3282847839	3282847839	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Modl	0.14855957	0.148560002 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	193.190002	193.190002	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	-200.130005	-200.130005	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	-25.5799999	-25.5799999	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	131.320007	131.320007	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	16.2199993	16.2199993	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	1.65999997	1.65999997	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	2.14804006	2.14804006	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_SysCC	0.312698364	0.312698007 ± 0.0000152587890625	✓

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

Test Step 2.40 (Repeat Count = 1)	
Name	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16	1
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	0.123397999
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.123499997
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	8087
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	8094
CDD_CumMechMtrPos_Rev_s15p16[0]	8087
CDD_CumMechMtrPos_Rev_s15p16[1]	8094
CDD_Die1RxError_Cnt_G_u16[0]	3325
CDD_Die1RxError_Cnt_G_u16[1]	4535
CDD_Die1RxMtrPos_Cnt_G_u16[0]	3325
CDD_Die1RxMtrPos_Cnt_G_u16[1]	4535
CDD_Die1RxRevCtr_Cnt_G_u16[0]	3325
CDD_Die1RxRevCtr_Cnt_G_u16[1]	4535
CDD_Die1UnderVltgFltAccum_Cnt_G_u16[0]	65535
CDD_Die1UnderVltgFltAccum_Cnt_G_u16[1]	65535
CDD_Die2RxError_Cnt_G_u16[0]	3325
CDD_Die2RxError_Cnt_G_u16[1]	4535
CDD_Die2RxMtrPos_Cnt_G_u16[0]	3325
CDD_Die2RxMtrPos_Cnt_G_u16[1]	4535
CDD_Die2RxRevCtr_Cnt_G_u16[0]	3325
CDD_Die2RxRevCtr_Cnt_G_u16[1]	4535
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	350374653
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	2843243993
CDD_MechMtrPos1_Rev_G_u0p16[0]	8087
CDD_MechMtrPos1_Rev_G_u0p16[1]	8094
CDD_ModlxFinal_Uls_G_u16p16[0]	26133
CDD_ModlxFinal_Uls_G_u16p16[1]	32463
CDD_MtrCurr1_Volts_G_f32[0]	1.17999995
CDD_MtrCurr1_Volts_G_f32[1]	2.18993998
CDD_MtrCurr2_Volts_G_f32[0]	1.93686998
CDD_MtrCurr2_Volts_G_f32[1]	4.90774012
CDD_MtrCurrDax_Amp_G_f32[0]	-200.130005

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Name	Input Value
CDD_MtrCurrDax_Amp_G_f32[1]	-146.240005
CDD_MtrCurrK1_Amps_G_f32[0]	132.619995
CDD_MtrCurrK1_Amps_G_f32[1]	209.600006
CDD_MtrCurrK2_Amps_G_f32[0]	46.4199982
CDD_MtrCurrK2_Amps_G_f32[1]	56.9500008
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	17.4400005
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	18.0100002
CDD_MtrCurrQax_Amp_G_f32[0]	132.619995
CDD_MtrCurrQax_Amp_G_f32[1]	209.600006
CDD_MtrVoltDax_Volt_G_f32[0]	1.66999996
CDD_MtrVoltDax_Volt_G_f32[1]	2.68000007
CDD_MtrVoltQax_Volt_G_f32[0]	3.76063991
CDD_MtrVoltQax_Volt_G_f32[1]	2.83829999
CDD_PWMDDutyCycleASum_Cnt_G_u32[0]	5866
CDD_PWMDDutyCycleASum_Cnt_G_u32[1]	8462
CDD_PWMDDutyCycleBSum_Cnt_G_u32[0]	2599
CDD_PWMDDutyCycleBSum_Cnt_G_u32[1]	3413
CDD_PWMDDutyCycleCSum_Cnt_G_u32[0]	134
CDD_PWMDDutyCycleCSum_Cnt_G_u32[1]	157
CDD_PhaseAdvFinal_Cnt_G_u16[0]	3325
CDD_PhaseAdvFinal_Cnt_G_u16[1]	4535
CDD_RxMtrPosParityAccum_Cnt_G_u16[0]	3325
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	4535
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	8087
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	8094
CDD_SysCVSwitchADC_Cnt_G_u16[0]	1167
CDD_SysCVSwitchADC_Cnt_G_u16[1]	2040
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	8087
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	8094
PXAccumPrev_Cnt_M_u32[0]	219316577
PXAccumPrev_Cnt_M_u32[1]	351719190
PXAccumPrev_Cnt_M_u32[2]	267389835
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	3806598912
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	4293799168
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	1822839552

Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	0	0	✓
PXAccumPrev_Cnt_M_u32[0]	475824864	475824864	✓
PXAccumPrev_Cnt_M_u32[1]	536724896	536724896	✓
PXAccumPrev_Cnt_M_u32[2]	227854944	227854944	✓
Rte_Task_2ms_10.Rte_TB.Rte_I_CDDInterface_SysCVSwitchADC_Cnt_u16.value	2040	2040	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	2.18993998	2.18993998	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	4.90774012	4.90774012	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.123499997	0.123499997	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.123504639	0.123504996 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	8462	8462	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	3413	3413	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	157	157	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_LRPRF	425	425	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	256508287	256508287	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	185005706	185005706	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	497336021	497336021	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	0.123504639	0.123504996 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	2843243993	2843243993	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Modl	0.495346069	0.49534601 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	-146.240005	-146.240005	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	209.600006	209.600006	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	56.9500008	56.9500008	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	209.600006	209.600006	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	18.0100002	18.0100002	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	2.68000007	2.68000007	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	2.83829999	2.83829999	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_SysCC	0.123504639	0.123504996 ± 0.0000152587890625	✓

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

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## Test Step 2.41 (Repeat Count = 1)



Name	Input Value		
CDD_CDDDataAccessBfr_Cnt_G_u16	0		
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	0.2456		
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.245697007		
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	16096		
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	16102		
CDD_CumMechMtrPos_Rev_s15p16[0]	16096		
CDD_CumMechMtrPos_Rev_s15p16[1]	16102		
CDD_Die1RxError_Cnt_G_u16[0]	3446		
CDD_Die1RxError_Cnt_G_u16[1]	4722		
CDD_Die1RxMtrPos_Cnt_G_u16[0]	3446		
CDD_Die1RxMtrPos_Cnt_G_u16[1]	4722		
CDD_Die1RxRevCtr_Cnt_G_u16[0]	3446		
CDD_Die1RxRevCtr_Cnt_G_u16[1]	4722		
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	5019		
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]	7153		
CDD_Die2RxError_Cnt_G_u16[0]	3446		
CDD_Die2RxError_Cnt_G_u16[1]	4722		
CDD_Die2RxMtrPos_Cnt_G_u16[0]	3446		
CDD_Die2RxMtrPos_Cnt_G_u16[1]	4722		
CDD_Die2RxRevCtr_Cnt_G_u16[0]	3446		
CDD_Die2RxRevCtr_Cnt_G_u16[1]	4722		
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	472664732		
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	2820043235		
CDD_MechMtrPos1_Rev_G_u0p16[0]	16096		
CDD_MechMtrPos1_Rev_G_u0p16[1]	16102		
CDD_ModIdxFinal_Uls_G_u16p16[0]	16588		
CDD_ModIdxFinal_Uls_G_u16p16[1]	56678		
CDD_MtrCurr1_Volts_G_f32[0]	1.18993998		
CDD_MtrCurr1_Volts_G_f32[1]	2.19994998		
CDD_MtrCurr2_Volts_G_f32[0]	0.0437971987		
CDD_MtrCurr2_Volts_G_f32[1]	0.741999984		
CDD_MtrCurrDax_Amp_G_f32[0]	132.619995		
CDD_MtrCurrDax_Amp_G_f32[1]	209.600006		
CDD_MtrCurrK1_Amps_G_f32[0]	131.320007		
CDD_MtrCurrK1_Amps_G_f32[1]	208.639999		
CDD_MtrCurrK2_Amps_G_f32[0]	72.3700027		
CDD_MtrCurrK2_Amps_G_f32[1]	88.3199997		
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	18.6599998		
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	18.7900009		
CDD_MtrCurrQax_Amp_G_f32[0]	133.919998		
CDD_MtrCurrQax_Amp_G_f32[1]	210.559998		
CDD_MtrVoltDax_Volt_G_f32[0]	1.67999995		
CDD_MtrVoltDax_Volt_G_f32[1]	2.68993998		
CDD_MtrVoltQax_Volt_G_f32[0]	2.07199001		
CDD_MtrVoltQax_Volt_G_f32[1]	3.41454005		
CDD_PWMDCycleASum_Cnt_G_u32[0]	5987		
CDD_PWMDCycleASum_Cnt_G_u32[1]	8649		
CDD_PWMDCycleBSum_Cnt_G_u32[0]	2720		
CDD_PWMDCycleBSum_Cnt_G_u32[1]	3600		
CDD_PWMDCycleCSum_Cnt_G_u32[0]	142		
CDD_PWMDCycleCSum_Cnt_G_u32[1]	158		
CDD_PhaseAdvFinal_Cnt_G_u16[0]	3446		
CDD_PhaseAdvFinal_Cnt_G_u16[1]	4722		
CDD_RxMtrPosParityAccum_Cnt_G_u16[0]	3446		
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	4722		
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	16096		
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	16102		
CDD_SysCVSwitchADC_Cnt_G_u16[0]	1084		
CDD_SysCVSwitchADC_Cnt_G_u16[1]	2893		
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	16096		
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	16102		
PXAccumPrev_Cnt_M_u32[0]	101236995		
PXAccumPrev_Cnt_M_u32[1]	28878650		
PXAccumPrev_Cnt_M_u32[2]	78385149		
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	1812889088		
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	2160606208		
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	2998389248		
Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	1	1	✓
PXAccumPrev_Cnt_M_u32[0]	226611136	226611136	✓
PXAccumPrev_Cnt_M_u32[1]	270075776	270075776	✓

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Name	Actual Value	Expected Value	Result
PXAccumPrev_Cnt_M_u32[2]	374798656	374798656	✓
Rte_Task_2ms_10.Rte_TB.Rte_I_CDDInterface_SysCVSwitchADC_Cnt_u16.value	1084	1084	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	1.18993998	1.18993998	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	0.0437971987	0.0437971987	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.2456	0.2456	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.245605469	0.245605007 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	5987	5987	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	2720	2720	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	142	142	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_LRPRF	323	323	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	125374141	125374141	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	241197126	241197126	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	296413507	296413507	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	0.245605469	0.245605007 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	472664732	472664732	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Modl	0.253112793	0.253113002 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	132.619995	132.619995	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	131.320007	131.320007	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	72.3700027	72.3700027	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	133.919998	133.919998	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	18.6599998	18.6599998	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	1.67999995	1.67999995	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	2.07199001	2.07199001	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_SysCC	0.245605469	0.245605007 ± 0.0000152587890625	✓

Test Step Call Trace				
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	0
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	0.312299997
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.31239301
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	20467
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	20473
CDD_CumMechMtrPos_Rev_s15p16[0]	20467
CDD_CumMechMtrPos_Rev_s15p16[1]	20473
CDD_Die1RxError_Cnt_G_u16[0]	3567
CDD_Die1RxError_Cnt_G_u16[1]	4909
CDD_Die1RxMtrPos_Cnt_G_u16[0]	3567
CDD_Die1RxMtrPos_Cnt_G_u16[1]	4909
CDD_Die1RxRevCtr_Cnt_G_u16[0]	3567
CDD_Die1RxRevCtr_Cnt_G_u16[1]	4909
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	3567
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]	4909
CDD_Die2RxError_Cnt_G_u16[0]	0
CDD_Die2RxError_Cnt_G_u16[1]	0
CDD_Die2RxMtrPos_Cnt_G_u16[0]	3567
CDD_Die2RxMtrPos_Cnt_G_u16[1]	4909
CDD_Die2RxRevCtr_Cnt_G_u16[0]	3567
CDD_Die2RxRevCtr_Cnt_G_u16[1]	4909
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	472664731
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	2820043234
CDD_MechMtrPos1_Rev_G_u0p16[0]	20467
CDD_MechMtrPos1_Rev_G_u0p16[1]	20473
CDD_ModlxFinal_Uls_G_u16p16[0]	7719
CDD_ModlxFinal_Uls_G_u16p16[1]	21057
CDD_MtrCurr1_Volts_G_f32[0]	1.19994998
CDD_MtrCurr1_Volts_G_f32[1]	2.20995998
CDD_MtrCurr2_Volts_G_f32[0]	3.22656012
CDD_MtrCurr2_Volts_G_f32[1]	2.90568995
CDD_MtrCurrDax_Amp_G_f32[0]	131.320007
CDD_MtrCurrDax_Amp_G_f32[1]	208.639999
CDD_MtrCurrK1_Amps_G_f32[0]	-204.639999
CDD_MtrCurrK1_Amps_G_f32[1]	-177.850006
CDD_MtrCurrK2_Amps_G_f32[0]	-35.7999992
CDD_MtrCurrK2_Amps_G_f32[1]	30.6900005
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	19.8799992
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	19.5699997

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Name	Input Value
CDD_MtrCurrQax_Amp_G_f32[0]	135.220001
CDD_MtrCurrQax_Amp_G_f32[1]	211.520004
CDD_MtrVoltDax_Volt_G_f32[0]	1.68993998
CDD_MtrVoltDax_Volt_G_f32[1]	2.69994998
CDD_MtrVoltQax_Volt_G_f32[0]	1.37838995
CDD_MtrVoltQax_Volt_G_f32[1]	1.10731995
CDD_PWMdutyCycleASum_Cnt_G_u32[0]	6108
CDD_PWMdutyCycleASum_Cnt_G_u32[1]	8836
CDD_PWMdutyCycleBSum_Cnt_G_u32[0]	2841
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_RxMtrPosParityAccum_Cnt_G_u16[0]	3567
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	4909
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	20467
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	20473
CDD_SysCVSwitchADC_Cnt_G_u16[0]	3551
CDD_SysCVSwitchADC_Cnt_G_u16[1]	8
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	20467
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	20473
PXAccumPrev_Cnt_M_u32[0]	192492800
PXAccumPrev_Cnt_M_u32[1]	181621340
PXAccumPrev_Cnt_M_u32[2]	142953581
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	3739961600
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	3174436608
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	522151168

Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	1	1	✓
PXAccumPrev_Cnt_M_u32[0]	467495200	467495200	✓
PXAccumPrev_Cnt_M_u32[1]	396804576	396804576	✓
PXAccumPrev_Cnt_M_u32[2]	65268896	65268896	✓
Rte_Task_2ms_10.Rte_TB.Rte_I_CDDInterface_SysCVSwitchADC_Cnt_u16.value	3551	3551	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	1.19994998	1.19994998	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	3.22656012	3.22656012	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.312299997	0.312299997	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.312301636	0.312301993 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	6108	6108	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	2841	2841	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	150	150	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_LRPRF	334	334	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	275002400	275002400	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	215183236	215183236	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	459186227	459186227	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	0.312301636	0.312301993 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	472664731	472664731	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Modl	0.117782593	0.117783003 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	131.320007	131.320007	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	-204.639999	-204.639999	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	-35.7999992	-35.7999992	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	135.220001	135.220001	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	19.8799992	19.8799992	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	1.68993998	1.68993998	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	1.37838995	1.37838995	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_SysCC	0.312301636	0.312301993 ± 0.0000152587890625	✓

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

Test Step 2.43 (Repeat Count = 1)	
Name	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16	0
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	0.4111
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.411193997
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	26942
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	26948
CDD_CumMechMtrPos_Rev_s15p16[0]	26942
CDD_CumMechMtrPos_Rev_s15p16[1]	26948

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Name	Input Value		
CDD_Die1RxError_Cnt_G_u16[0]	3688		
CDD_Die1RxError_Cnt_G_u16[1]	5096		
CDD_Die1RxMtrPos_Cnt_G_u16[0]	3688		
CDD_Die1RxMtrPos_Cnt_G_u16[1]	5096		
CDD_Die1RxRevCtr_Cnt_G_u16[0]	3688		
CDD_Die1RxRevCtr_Cnt_G_u16[1]	5096		
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	3688		
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]	5096		
CDD_Die2RxError_Cnt_G_u16[0]	65535		
CDD_Die2RxError_Cnt_G_u16[1]	65535		
CDD_Die2RxMtrPos_Cnt_G_u16[0]	3688		
CDD_Die2RxMtrPos_Cnt_G_u16[1]	5096		
CDD_Die2RxRevCtr_Cnt_G_u16[0]	3688		
CDD_Die2RxRevCtr_Cnt_G_u16[1]	5096		
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	1999715327		
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	1762676376		
CDD_MechMtrPos1_Rev_G_u0p16[0]	26942		
CDD_MechMtrPos1_Rev_G_u0p16[1]	26948		
CDD_ModIdxFinal_Uls_G_u16p16[0]	5948		
CDD_ModIdxFinal_Uls_G_u16p16[1]	42667		
CDD_MtrCurr1_Volts_G_f32[0]	1.20995998		
CDD_MtrCurr1_Volts_G_f32[1]	2.21996999		
CDD_MtrCurr2_Volts_G_f32[0]	1.35406995		
CDD_MtrCurr2_Volts_G_f32[1]	1.59771001		
CDD_MtrCurrDax_Amp_G_f32[0]	-204.639999		
CDD_MtrCurrDax_Amp_G_f32[1]	-177.850006		
CDD_MtrCurrK1_Amps_G_f32[0]	136.520004		
CDD_MtrCurrK1_Amps_G_f32[1]	212.479996		
CDD_MtrCurrK2_Amps_G_f32[0]	-15		
CDD_MtrCurrK2_Amps_G_f32[1]	-16.4500008		
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	21.1000004		
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	20.3500004		
CDD_MtrCurrQax_Amp_G_f32[0]	136.520004		
CDD_MtrCurrQax_Amp_G_f32[1]	212.479996		
CDD_MtrVoltDax_Volt_G_f32[0]	1.69994998		
CDD_MtrVoltDax_Volt_G_f32[1]	2.70995998		
CDD_MtrVoltQax_Volt_G_f32[0]	0.529147029		
CDD_MtrVoltQax_Volt_G_f32[1]	1.6085		
CDD_PWMdutyCycleASum_Cnt_G_u32[0]	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_RxMtrPosParityAccum_Cnt_G_u16[0]	3688		
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	5096		
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	26942		
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	26948		
CDD_SysCVSwitchADC_Cnt_G_u16[0]	3272		
CDD_SysCVSwitchADC_Cnt_G_u16[1]	480		
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	26942		
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	26948		
PXAccumPrev_Cnt_M_u32[0]	437165913		
PXAccumPrev_Cnt_M_u32[1]	137145360		
PXAccumPrev_Cnt_M_u32[2]	414330537		
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	3410028544		
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	3136853504		
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	2383713280		
Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	1	1	✔
PXAccumPrev_Cnt_M_u32[0]	426253568	426253568	✔
PXAccumPrev_Cnt_M_u32[1]	392106688	392106688	✔
PXAccumPrev_Cnt_M_u32[2]	297964160	297964160	✔
Rte_Task_2ms_10.Rte_TB.Rte_I_CDDInterface_SysCVSwitchADC_Cnt_u16.value	3272	3272	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	1.20995998	1.20995998	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	1.35406995	1.35406995	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.4111	0.4111	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.411102295	0.411101997 ± 0.0000152587890625	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	6229	6229	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	190	190	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	158	158	✔



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Name	Actual Value	Expected Value	Result
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_LRPRF	345	345	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	525958567	525958567	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	254961328	254961328	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	420504535	420504535	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	0.411102295	0.411101997 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	1999715327	1999715327	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Modl	0.0907592773	0.0907592997 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	-204.639999	-204.639999	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	136.520004	136.520004	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	-15	-15	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	136.520004	136.520004	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	21.1000004	21.1000004	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	1.69994998	1.69994998	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	0.529147029	0.529147029	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_SysCC	0.411102295	0.411101997 ± 0.0000152587890625	✓

Test Step Call Trace				
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]	0.523100019
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.523193002
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	34282
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	34288
CDD_CumMechMtrPos_Rev_s15p16[0]	34282
CDD_CumMechMtrPos_Rev_s15p16[1]	34288
CDD_Die1RxError_Cnt_G_u16[0]	3809
CDD_Die1RxError_Cnt_G_u16[1]	5283
CDD_Die1RxMtrPos_Cnt_G_u16[0]	3809
CDD_Die1RxMtrPos_Cnt_G_u16[1]	5283
CDD_Die1RxRevCtr_Cnt_G_u16[0]	3809
CDD_Die1RxRevCtr_Cnt_G_u16[1]	5283
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	3809
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]	5283
CDD_Die2RxError_Cnt_G_u16[0]	5019
CDD_Die2RxError_Cnt_G_u16[1]	7153
CDD_Die2RxMtrPos_Cnt_G_u16[0]	3809
CDD_Die2RxMtrPos_Cnt_G_u16[1]	5283
CDD_Die2RxRevCtr_Cnt_G_u16[0]	3809
CDD_Die2RxRevCtr_Cnt_G_u16[1]	5283
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	1951727467
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	648188276
CDD_MechMtrPos1_Rev_G_u0p16[0]	34282
CDD_MechMtrPos1_Rev_G_u0p16[1]	34288
CDD_ModlIdxFinal_Uls_G_u16p16[0]	37850
CDD_ModlIdxFinal_Uls_G_u16p16[1]	17608
CDD_MtrCurr1_Volts_G_f32[0]	1.21996999
CDD_MtrCurr1_Volts_G_f32[1]	2.22997999
CDD_MtrCurr2_Volts_G_f32[0]	3.99040008
CDD_MtrCurr2_Volts_G_f32[1]	2.67885995
CDD_MtrCurrDax_Amp_G_f32[0]	144.751007
CDD_MtrCurrDax_Amp_G_f32[1]	155.233994
CDD_MtrCurrK1_Amps_G_f32[0]	194.345001
CDD_MtrCurrK1_Amps_G_f32[1]	205.608002
CDD_MtrCurrK2_Amps_G_f32[0]	10.25
CDD_MtrCurrK2_Amps_G_f32[1]	15.3599997
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	22.3199997
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	21.1299992
CDD_MtrCurrQax_Amp_G_f32[0]	137.820007
CDD_MtrCurrQax_Amp_G_f32[1]	213.440002
CDD_MtrVoltDax_Volt_G_f32[0]	1.70995998
CDD_MtrVoltDax_Volt_G_f32[1]	2.71996999
CDD_MtrVoltQax_Volt_G_f32[0]	3.58151007
CDD_MtrVoltQax_Volt_G_f32[1]	4.73077011
CDD_PWMDDutyCycleASum_Cnt_G_u32[0]	6350
CDD_PWMDDutyCycleASum_Cnt_G_u32[1]	9210
CDD_PWMDDutyCycleBSum_Cnt_G_u32[0]	2962

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Name	Input Value		
CDD_PWMDDutyCycleBSum_Cnt_G_u32[1]	3974		
CDD_PWMDDutyCycleCSum_Cnt_G_u32[0]	166		
CDD_PWMDDutyCycleCSum_Cnt_G_u32[1]	168		
CDD_PhaseAdvFinal_Cnt_G_u16[0]	3809		
CDD_PhaseAdvFinal_Cnt_G_u16[1]	5283		
CDD_RxMtrPosParityAccum_Cnt_G_u16[0]	3809		
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	5283		
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	34282		
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	34288		
CDD_SysCVSwitchADC_Cnt_G_u16[0]	381		
CDD_SysCVSwitchADC_Cnt_G_u16[1]	3285		
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	34282		
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	34288		
PXAccumPrev_Cnt_M_u32[0]	356663019		
PXAccumPrev_Cnt_M_u32[1]	341169692		
PXAccumPrev_Cnt_M_u32[2]	336193455		
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	3883666176		
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	3633119488		
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	3568371456		
Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	1	1	✓
PXAccumPrev_Cnt_M_u32[0]	485458272	485458272	✓
PXAccumPrev_Cnt_M_u32[1]	454139936	454139936	✓
PXAccumPrev_Cnt_M_u32[2]	446046432	446046432	✓
Rte_Task_2ms_10.Rte_TB.Rte_I_CDDInterface_SysCVSwitchADC_Cnt_u16.value	381	381	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	1.21996999	1.21996999	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	3.99040008	3.99040008	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.523100019	0.523100019	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.523101807	0.523101985 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	6350	6350	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	2962	2962	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	166	166	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_LRPRF	357	357	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	128795253	128795253	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	112970244	112970244	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	109852977	109852977	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	0.523101807	0.523101985 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	1951727467	1951727467	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Modldx	0.577545166	0.577544987 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	144.751007	144.751007	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	194.345001	194.345001	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	10.25	10.25	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	137.820007	137.820007	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	22.3199997	22.3199997	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	1.70995998	1.70995998	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	3.58151007	3.58151007	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_SysCC	0.523101807	0.523101985 ± 0.0000152587890625	✓

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
CDDPorts_ClearPhsReasSum	1	CDDPorts_ClearPhsReasSum	1	✓

## Test Step 2.45 (Repeat Count = 1)

Name	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16	1
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	0.165099993
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.165199995
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	10820
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	10827
CDD_CumMechMtrPos_Rev_s15p16[0]	10820
CDD_CumMechMtrPos_Rev_s15p16[1]	10827
CDD_Die1RxError_Cnt_G_u16[0]	3930
CDD_Die1RxError_Cnt_G_u16[1]	5470
CDD_Die1RxMtrPos_Cnt_G_u16[0]	3930
CDD_Die1RxMtrPos_Cnt_G_u16[1]	5470
CDD_Die1RxRevCtr_Cnt_G_u16[0]	3930
CDD_Die1RxRevCtr_Cnt_G_u16[1]	5470
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	3930
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]	5470
CDD_Die2RxError_Cnt_G_u16[0]	3930



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Name	Input Value
CDD_Die2RxError_Cnt_G_u16[1]	5470
CDD_Die2RxMtrPos_Cnt_G_u16[0]	0
CDD_Die2RxMtrPos_Cnt_G_u16[1]	0
CDD_Die2RxRevCtr_Cnt_G_u16[0]	3930
CDD_Die2RxRevCtr_Cnt_G_u16[1]	5470
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	1204171193
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	1084180652
CDD_MechMtrPos1_Rev_G_u0p16[0]	10820
CDD_MechMtrPos1_Rev_G_u0p16[1]	10827
CDD_ModIdxFinal_Uls_G_u16p16[0]	40592
CDD_ModIdxFinal_Uls_G_u16p16[1]	1983
CDD_MtrCurr1_Volts_G_f32[0]	1.22997999
CDD_MtrCurr1_Volts_G_f32[1]	2.23999
CDD_MtrCurr2_Volts_G_f32[0]	1.22601998
CDD_MtrCurr2_Volts_G_f32[1]	1.01943004
CDD_MtrCurrDax_Amp_G_f32[0]	-168.791
CDD_MtrCurrDax_Amp_G_f32[1]	-159.533997
CDD_MtrCurrK1_Amps_G_f32[0]	120.710999
CDD_MtrCurrK1_Amps_G_f32[1]	130.934006
CDD_MtrCurrK2_Amps_G_f32[0]	25.3600006
CDD_MtrCurrK2_Amps_G_f32[1]	35.8899994
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	-21.9099998
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	-23.5400009
CDD_MtrCurrQax_Amp_G_f32[0]	139.119995
CDD_MtrCurrQax_Amp_G_f32[1]	214.399994
CDD_MtrVoltDax_Volt_G_f32[0]	1.50999999
CDD_MtrVoltDax_Volt_G_f32[1]	2.51999998
CDD_MtrVoltQax_Volt_G_f32[0]	4.05940008
CDD_MtrVoltQax_Volt_G_f32[1]	2.1872499
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_RxMtrPosParityAccum_Cnt_G_u16[0]	3930
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	5470
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	10820
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	10827
CDD_SysCVSwitchADC_Cnt_G_u16[0]	2452
CDD_SysCVSwitchADC_Cnt_G_u16[1]	866
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	10820
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	10827
PXAccumPrev_Cnt_M_u32[0]	499495394
PXAccumPrev_Cnt_M_u32[1]	9817303
PXAccumPrev_Cnt_M_u32[2]	353580199
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	3742802432
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	2872819712
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	912764416

Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	0	0	✔
PXAccumPrev_Cnt_M_u32[0]	467850304	467850304	✔
PXAccumPrev_Cnt_M_u32[1]	359102464	359102464	✔
PXAccumPrev_Cnt_M_u32[2]	114095552	114095552	✔
Rte_Task_2ms_10.Rte_TB.Rte_I_CDDInterface_SysCVSwitchADC_Cnt_u16.value	866	866	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	2.23999	2.23999	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	1.01943004	1.01943004	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.165199995	0.165199995	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.165206909	0.165206999 ± 0.0000152587890625	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	312	312	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	4161	4161	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	176	176	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_LRPRF	512	512	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	505225822	505225822	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	349285161	349285161	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	297386265	297386265	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	0.165206909	0.165206999 ± 0.0000152587890625	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	1084180652	1084180652	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ModIdx	0.0302581787	0.0302581992 ± 0.0000152587890625	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCun	-159.533997	-159.533997	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCun	130.934006	130.934006	✔

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Name	Actual Value	Expected Value	Result
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCurr	35.8899994	35.8899994	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCurr	214.399994	214.399994	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCurr	-23.5400009	-23.5400009	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	2.51999998	2.51999998	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	2.1872499	2.1872499	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_SysCC	0.165206909	0.165206999 ± 0.0000152587890625	✓

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	0
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	0.231399998
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.2315
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	15165
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	15172
CDD_CumMechMtrPos_Rev_s15p16[0]	15165
CDD_CumMechMtrPos_Rev_s15p16[1]	15172
CDD_Die1RxError_Cnt_G_u16[0]	3889
CDD_Die1RxError_Cnt_G_u16[1]	5287
CDD_Die1RxMtrPos_Cnt_G_u16[0]	3889
CDD_Die1RxMtrPos_Cnt_G_u16[1]	5287
CDD_Die1RxRevCtr_Cnt_G_u16[0]	3889
CDD_Die1RxRevCtr_Cnt_G_u16[1]	5287
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	3889
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]	5287
CDD_Die2RxError_Cnt_G_u16[0]	3889
CDD_Die2RxError_Cnt_G_u16[1]	5287
CDD_Die2RxMtrPos_Cnt_G_u16[0]	65535
CDD_Die2RxMtrPos_Cnt_G_u16[1]	65535
CDD_Die2RxRevCtr_Cnt_G_u16[0]	3889
CDD_Die2RxRevCtr_Cnt_G_u16[1]	5287
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	2429702552
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	3674751938
CDD_MechMtrPos1_Rev_G_u0p16[0]	15165
CDD_MechMtrPos1_Rev_G_u0p16[1]	15172
CDD_ModIdxFinal_Uls_G_u16p16[0]	60680
CDD_ModIdxFinal_Uls_G_u16p16[1]	13846
CDD_MtrCurr1_Volts_G_f32[0]	1.23999
CDD_MtrCurr1_Volts_G_f32[1]	2.25
CDD_MtrCurr2_Volts_G_f32[0]	3.80929995
CDD_MtrCurr2_Volts_G_f32[1]	1.22880995
CDD_MtrCurrDax_Amp_G_f32[0]	192.830994
CDD_MtrCurrDax_Amp_G_f32[1]	203.834
CDD_MtrCurrK1_Amps_G_f32[0]	144.751007
CDD_MtrCurrK1_Amps_G_f32[1]	155.233994
CDD_MtrCurrK2_Amps_G_f32[0]	40.4700012
CDD_MtrCurrK2_Amps_G_f32[1]	56.4199982
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	-22.6900005
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	-24.7600002
CDD_MtrCurrQax_Amp_G_f32[0]	140.419998
CDD_MtrCurrQax_Amp_G_f32[1]	215.360001
CDD_MtrVoltDax_Volt_G_f32[0]	1.51999998
CDD_MtrVoltDax_Volt_G_f32[1]	2.52999997
CDD_MtrVoltQax_Volt_G_f32[0]	0.0878949985
CDD_MtrVoltQax_Volt_G_f32[1]	1.13993001
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_RxMtrPosParityAccum_Cnt_G_u16[0]	3889
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	5287
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	15165
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	15172

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Name	Input Value		
CDD_SysCVSwitchADC_Cnt_G_u16[0]	3850		
CDD_SysCVSwitchADC_Cnt_G_u16[1]	2670		
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	15165		
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	15172		
PXAccumPrev_Cnt_M_u32[0]	228853766		
PXAccumPrev_Cnt_M_u32[1]	439740565		
PXAccumPrev_Cnt_M_u32[2]	62110164		
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	1130552576		
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	1626047232		
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	2694822144		
Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	1	1	✓
PXAccumPrev_Cnt_M_u32[0]	141319072	141319072	✓
PXAccumPrev_Cnt_M_u32[1]	203255904	203255904	✓
PXAccumPrev_Cnt_M_u32[2]	336852768	336852768	✓
Rte_Task_2ms_10.Rte_TB.Rte_L_CDDInterface_SysCVSwitchADC_Cnt_u16.value	3850	3850	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	1.23999	1.23999	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	3.80929995	3.80929995	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.231399998	0.231399998	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.2313999536	0.231399998 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	222	222	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	3204	3204	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	182	182	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_LRPRF	364	364	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	449336218	449336218	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	300386251	300386251	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	274742604	274742604	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	0.2313999536	0.231399998 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	2429702552	2429702552	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Modidx	0.92590332	0.925903022 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	192.830994	192.830994	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	144.751007	144.751007	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	40.4700012	40.4700012	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	140.419998	140.419998	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	-22.6900005	-22.6900005	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	1.51999998	1.51999998	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	0.0878949985	0.0878949985	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_SysCC	0.2313999536	0.231399998 ± 0.0000152587890625	✓

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

Test Step 2.47 (Repeat Count = 1)	
Name	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16	0
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	0.368099988
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.368194997
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	24124
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	24130
CDD_CumMechMtrPos_Rev_s15p16[0]	24124
CDD_CumMechMtrPos_Rev_s15p16[1]	24130
CDD_Die1RxError_Cnt_G_u16[0]	4530
CDD_Die1RxError_Cnt_G_u16[1]	5471
CDD_Die1RxMtrPos_Cnt_G_u16[0]	4530
CDD_Die1RxMtrPos_Cnt_G_u16[1]	5471
CDD_Die1RxRevCtr_Cnt_G_u16[0]	4530
CDD_Die1RxRevCtr_Cnt_G_u16[1]	5471
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	4530
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]	5471
CDD_Die2RxError_Cnt_G_u16[0]	4530
CDD_Die2RxError_Cnt_G_u16[1]	5471
CDD_Die2RxMtrPos_Cnt_G_u16[0]	5019
CDD_Die2RxMtrPos_Cnt_G_u16[1]	7153
CDD_Die2RxRevCtr_Cnt_G_u16[0]	4530
CDD_Die2RxRevCtr_Cnt_G_u16[1]	5471
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	3490774830
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	2224999666
CDD_MechMtrPos1_Rev_G_u0p16[0]	24124
CDD_MechMtrPos1_Rev_G_u0p16[1]	24130

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Name	Input Value		
CDD_ModIdxFinal_Uls_G_u16p16[0]	16843		
CDD_ModIdxFinal_Uls_G_u16p16[1]	44089		
CDD_MtrCurr1_Volts_G_f32[0]	1.25		
CDD_MtrCurr1_Volts_G_f32[1]	2.25999999		
CDD_MtrCurr2_Volts_G_f32[0]	3.55648994		
CDD_MtrCurr2_Volts_G_f32[1]	2.11379004		
CDD_MtrCurrDax_Amp_G_f32[0]	141.156998		
CDD_MtrCurrDax_Amp_G_f32[1]	151.380005		
CDD_MtrCurrK1_Amps_G_f32[0]	-168.791		
CDD_MtrCurrK1_Amps_G_f32[1]	-159.533997		
CDD_MtrCurrK2_Amps_G_f32[0]	55.5800018		
CDD_MtrCurrK2_Amps_G_f32[1]	76.9499969		
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	25.9799995		
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	23.4699993		
CDD_MtrCurrQax_Amp_G_f32[0]	-216.320007		
CDD_MtrCurrQax_Amp_G_f32[1]	-141.720001		
CDD_MtrVoltDax_Volt_G_f32[0]	1.52999997		
CDD_MtrVoltDax_Volt_G_f32[1]	2.53999996		
CDD_MtrVoltQax_Volt_G_f32[0]	3.53338003		
CDD_MtrVoltQax_Volt_G_f32[1]	3.88059998		
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_RxMtrPosParityAccum_Cnt_G_u16[0]	4530		
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	5471		
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	24124		
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	24130		
CDD_SysCVSwitchADC_Cnt_G_u16[0]	2533		
CDD_SysCVSwitchADC_Cnt_G_u16[1]	3652		
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	24124		
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	24130		
PXAccumPrev_Cnt_M_u32[0]	275541327		
PXAccumPrev_Cnt_M_u32[1]	352706709		
PXAccumPrev_Cnt_M_u32[2]	152995231		
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	2771004416		
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	2796042752		
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	602118144		
Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	1	1	✓
PXAccumPrev_Cnt_M_u32[0]	346375552	346375552	✓
PXAccumPrev_Cnt_M_u32[1]	349505344	349505344	✓
PXAccumPrev_Cnt_M_u32[2]	75264768	75264768	✓
Rte_Task_2ms_10.Rte_TB.Rte_I_CDDInterface_SysCVSwitchADC_Cnt_u16.value	2533	2533	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	1.25	1.25	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	3.55648994	3.55648994	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.368099988	0.368099988	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.368103027	0.368102998 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	230	230	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	3325	3325	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	190	190	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_LRPRF	424	424	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	70834225	70834225	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	533669547	533669547	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	459140449	459140449	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	0.368103027	0.368102998 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	3490774830	3490774830	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ModIdx	0.257003784	0.257003993 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	141.156998	141.156998	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	-168.791	-168.791	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	55.5800018	55.5800018	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	-216.320007	-216.320007	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	25.9799995	25.9799995	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	1.52999997	1.52999997	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	3.53338003	3.53338003	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_SvsCC	0.368103027	0.368102998 ± 0.0000152587890625	✓

# TEST DETAILS REPORT

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CDDInterface\_Per1



## Test Step Call Trace

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]	0.489394993
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.489499986
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	32073
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	32080
CDD_CumMechMtrPos_Rev_s15p16[0]	32073
CDD_CumMechMtrPos_Rev_s15p16[1]	32080
CDD_Die1RxError_Cnt_G_u16[0]	222
CDD_Die1RxError_Cnt_G_u16[1]	368
CDD_Die1RxMtrPos_Cnt_G_u16[0]	222
CDD_Die1RxMtrPos_Cnt_G_u16[1]	368
CDD_Die1RxRevCtr_Cnt_G_u16[0]	222
CDD_Die1RxRevCtr_Cnt_G_u16[1]	368
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	222
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]	368
CDD_Die2RxError_Cnt_G_u16[0]	222
CDD_Die2RxError_Cnt_G_u16[1]	368
CDD_Die2RxMtrPos_Cnt_G_u16[0]	222
CDD_Die2RxMtrPos_Cnt_G_u16[1]	368
CDD_Die2RxRevCtr_Cnt_G_u16[0]	0
CDD_Die2RxRevCtr_Cnt_G_u16[1]	0
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	3490774831
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	2224999667
CDD_MechMtrPos1_Rev_G_u0p16[0]	32073
CDD_MechMtrPos1_Rev_G_u0p16[1]	32080
CDD_ModIdxFinal_Uls_G_u16p16[0]	61439
CDD_ModIdxFinal_Uls_G_u16p16[1]	19052
CDD_MtrCurr1_Volts_G_f32[0]	1.25999999
CDD_MtrCurr1_Volts_G_f32[1]	2.26999998
CDD_MtrCurr2_Volts_G_f32[0]	1.21940994
CDD_MtrCurr2_Volts_G_f32[1]	1.86859
CDD_MtrCurrDax_Amp_G_f32[0]	55.5800018
CDD_MtrCurrDax_Amp_G_f32[1]	76.9499969
CDD_MtrCurrK1_Amps_G_f32[0]	192.830994
CDD_MtrCurrK1_Amps_G_f32[1]	203.834
CDD_MtrCurrK2_Amps_G_f32[0]	-97.4800034
CDD_MtrCurrK2_Amps_G_f32[1]	-70.6900024
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	27.2000008
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	24.25
CDD_MtrCurrQax_Amp_G_f32[0]	-217.279999
CDD_MtrCurrQax_Amp_G_f32[1]	-143.020004
CDD_MtrVoltDax_Volt_G_f32[0]	1.53999996
CDD_MtrVoltDax_Volt_G_f32[1]	2.54999995
CDD_MtrVoltQax_Volt_G_f32[0]	3.4512701
CDD_MtrVoltQax_Volt_G_f32[1]	4.60449982
CDD_PWMDCycleASum_Cnt_G_u32[0]	238
CDD_PWMDCycleASum_Cnt_G_u32[1]	480
CDD_PWMDCycleBSum_Cnt_G_u32[0]	3446
CDD_PWMDCycleBSum_Cnt_G_u32[1]	4722
CDD_PWMDCycleCSum_Cnt_G_u32[0]	198
CDD_PWMDCycleCSum_Cnt_G_u32[1]	200
CDD_PhaseAdvFinal_Cnt_G_u16[0]	222
CDD_PhaseAdvFinal_Cnt_G_u16[1]	368
CDD_RxMtrPosParityAccum_Cnt_G_u16[0]	222
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	368
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	32073
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	32080
CDD_SysCVSwitchADC_Cnt_G_u16[0]	2263
CDD_SysCVSwitchADC_Cnt_G_u16[1]	2110
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	32073
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	32080
PXAccumPrev_Cnt_M_u32[0]	12166828
PXAccumPrev_Cnt_M_u32[1]	455643741
PXAccumPrev_Cnt_M_u32[2]	305056239

# TEST DETAILS REPORT

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CDDInterface\_Per1

Name	Input Value		
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	2211462912		
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	3507361024		
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	72612608		
Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	0	0	✓
PXAccumPrev_Cnt_M_u32[0]	276432864	276432864	✓
PXAccumPrev_Cnt_M_u32[1]	438420128	438420128	✓
PXAccumPrev_Cnt_M_u32[2]	9076576	9076576	✓
Rte_Task_2ms_10.Rte_TB.Rte_I_CDDInterface_SysCVSwitchADC_Cnt_u16.value	2110	2110	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	2.26999998	2.26999998	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	1.86859	1.86859	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.489499986	0.489499986	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.489501953	0.489502013 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	480	480	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	4722	4722	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	200	200	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_LRPRF	34	34	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	264266036	264266036	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	519647299	519647299	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	240891249	240891249	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	0.489501953	0.489502013 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	2224999667	2224999667	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Modl	0.290710449	0.290710002 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	76.9499969	76.9499969	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	203.834	203.834	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	-70.6900024	-70.6900024	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	-143.020004	-143.020004	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	24.25	24.25	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	2.54999995	2.54999995	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	4.60449982	4.60449982	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_SysCC	0.489501953	0.489502013 ± 0.0000152587890625	✓

Test Step Call Trace				
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	0
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	0.245800003
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.245894998
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	16109
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	16115
CDD_CumMechMtrPos_Rev_s15p16[0]	16109
CDD_CumMechMtrPos_Rev_s15p16[1]	16115
CDD_Die1RxError_Cnt_G_u16[0]	230
CDD_Die1RxError_Cnt_G_u16[1]	424
CDD_Die1RxMtrPos_Cnt_G_u16[0]	230
CDD_Die1RxMtrPos_Cnt_G_u16[1]	424
CDD_Die1RxRevCtr_Cnt_G_u16[0]	230
CDD_Die1RxRevCtr_Cnt_G_u16[1]	424
CDD_Die1UnderVltgFltAccum_Cnt_G_u16[0]	230
CDD_Die1UnderVltgFltAccum_Cnt_G_u16[1]	424
CDD_Die2RxError_Cnt_G_u16[0]	230
CDD_Die2RxError_Cnt_G_u16[1]	424
CDD_Die2RxMtrPos_Cnt_G_u16[0]	230
CDD_Die2RxMtrPos_Cnt_G_u16[1]	424
CDD_Die2RxRevCtr_Cnt_G_u16[0]	65535
CDD_Die2RxRevCtr_Cnt_G_u16[1]	65535
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	4047851873
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	3858799598
CDD_MechMtrPos1_Rev_G_u0p16[0]	16109
CDD_MechMtrPos1_Rev_G_u0p16[1]	16115
CDD_ModlxFinal_Uls_G_u16p16[0]	64329
CDD_ModlxFinal_Uls_G_u16p16[1]	30946
CDD_MtrCurr1_Volts_G_f32[0]	1.26999998
CDD_MtrCurr1_Volts_G_f32[1]	2.27999997
CDD_MtrCurr2_Volts_G_f32[0]	0.175558001
CDD_MtrCurr2_Volts_G_f32[1]	2.6329
CDD_MtrCurrDax_Amp_G_f32[0]	100.910004



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Name	Input Value
CDD_MtrCurrDax_Amp_G_f32[1]	138.539993
CDD_MtrCurrK1_Amps_G_f32[0]	100.264999
CDD_MtrCurrK1_Amps_G_f32[1]	110.487999
CDD_MtrCurrK2_Amps_G_f32[0]	-25.5799999
CDD_MtrCurrK2_Amps_G_f32[1]	-20.4699993
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	28.4200001
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	25.0300007
CDD_MtrCurrQax_Amp_G_f32[0]	-218.240005
CDD_MtrCurrQax_Amp_G_f32[1]	-144.320007
CDD_MtrVoltDax_Volt_G_f32[0]	1.17999995
CDD_MtrVoltDax_Volt_G_f32[1]	2.18993998
CDD_MtrVoltQax_Volt_G_f32[0]	1.86793995
CDD_MtrVoltQax_Volt_G_f32[1]	1.31210995
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]	206
CDD_PWMDutyCycleCSum_Cnt_G_u32[1]	256
CDD_PhaseAdvFinal_Cnt_G_u16[0]	230
CDD_PhaseAdvFinal_Cnt_G_u16[1]	424
CDD_RxMtrPosParityAccum_Cnt_G_u16[0]	230
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	424
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	16109
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	16115
CDD_SysCVSwitchADC_Cnt_G_u16[0]	3057
CDD_SysCVSwitchADC_Cnt_G_u16[1]	1598
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	16109
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	16115
PXAccumPrev_Cnt_M_u32[0]	149456937
PXAccumPrev_Cnt_M_u32[1]	304294145
PXAccumPrev_Cnt_M_u32[2]	367139431
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	3421111808
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	3473441792
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	340709888

Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	1	1	✓
PXAccumPrev_Cnt_M_u32[0]	427638976	427638976	✓
PXAccumPrev_Cnt_M_u32[1]	434180224	434180224	✓
PXAccumPrev_Cnt_M_u32[2]	42588736	42588736	✓
Rte_Task_2ms_10.Rte_TB.Rte_I_CDDInterface_SysCVSwitchADC_Cnt_u16.value	3057	3057	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	1.26999998	1.26999998	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	0.175558001	0.175558001	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.245800003	0.245800003	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.245803833	0.245803997 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	246	246	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	3567	3567	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	206	206	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_LRPRF	21	21	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	278182039	278182039	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	129886079	129886079	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	212320217	212320217	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	0.245803833	0.245803997 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	4047851873	4047851873	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Modl	0.981582642	0.981582999 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	100.910004	100.910004	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	100.264999	100.264999	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	-25.5799999	-25.5799999	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	-218.240005	-218.240005	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	28.4200001	28.4200001	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	1.17999995	1.17999995	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	1.86793995	1.86793995	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_SysCC	0.245803833	0.245803997 ± 0.0000152587890625	✓





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

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Test Step 2.50 (Repeat Count = 1)				
Name		Input Value		
CDD_CDDDataAccessBfr_Cnt_G_u16		1		
CDD_CorrMtrCurrPosition_Rev_G_f32[0]		0.412292004		
CDD_CorrMtrCurrPosition_Rev_G_f32[1]		0.412398994		
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]		27020		
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]		27027		
CDD_CumMechMtrPos_Rev_s15p16[0]		27020		
CDD_CumMechMtrPos_Rev_s15p16[1]		27027		
CDD_Die1RxError_Cnt_G_u16[0]		238		
CDD_Die1RxError_Cnt_G_u16[1]		480		
CDD_Die1RxMtrPos_Cnt_G_u16[0]		238		
CDD_Die1RxMtrPos_Cnt_G_u16[1]		480		
CDD_Die1RxRevCtr_Cnt_G_u16[0]		238		
CDD_Die1RxRevCtr_Cnt_G_u16[1]		480		
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]		238		
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]		480		
CDD_Die2RxError_Cnt_G_u16[0]		238		
CDD_Die2RxError_Cnt_G_u16[1]		480		
CDD_Die2RxMtrPos_Cnt_G_u16[0]		238		
CDD_Die2RxMtrPos_Cnt_G_u16[1]		480		
CDD_Die2RxRevCtr_Cnt_G_u16[0]		5019		
CDD_Die2RxRevCtr_Cnt_G_u16[1]		7153		
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]		2359708679		
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]		852385460		
CDD_MechMtrPos1_Rev_G_u0p16[0]		27020		
CDD_MechMtrPos1_Rev_G_u0p16[1]		27027		
CDD_ModIdxFinal_Uls_G_u16p16[0]		26236		
CDD_ModIdxFinal_Uls_G_u16p16[1]		64153		
CDD_MtrCurr1_Volts_G_f32[0]		1.27999997		
CDD_MtrCurr1_Volts_G_f32[1]		2.28999996		
CDD_MtrCurr2_Volts_G_f32[0]		0.675188005		
CDD_MtrCurr2_Volts_G_f32[1]		4.94289017		
CDD_MtrCurrDax_Amp_G_f32[0]		116.019997		
CDD_MtrCurrDax_Amp_G_f32[1]		159.070007		
CDD_MtrCurrK1_Amps_G_f32[0]		-134.268005		
CDD_MtrCurrK1_Amps_G_f32[1]		-123.785004		
CDD_MtrCurrK2_Amps_G_f32[0]		46.4199982		
CDD_MtrCurrK2_Amps_G_f32[1]		56.9500008		
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]		75.8399963		
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]		98.7699966		
CDD_MtrCurrQax_Amp_G_f32[0]		145.619995		
CDD_MtrCurrQax_Amp_G_f32[1]		219.199997		
CDD_MtrVoltDax_Volt_G_f32[0]		1.18993998		
CDD_MtrVoltDax_Volt_G_f32[1]		2.19994998		
CDD_MtrVoltQax_Volt_G_f32[0]		1.95360005		
CDD_MtrVoltQax_Volt_G_f32[1]		3.15731001		
CDD_PWMDCycleASum_Cnt_G_u32[0]		254		
CDD_PWMDCycleASum_Cnt_G_u32[1]		592		
CDD_PWMDCycleBSum_Cnt_G_u32[0]		3688		
CDD_PWMDCycleBSum_Cnt_G_u32[1]		5096		
CDD_PWMDCycleCSum_Cnt_G_u32[0]		5866		
CDD_PWMDCycleCSum_Cnt_G_u32[1]		8462		
CDD_PhaseAdvFinal_Cnt_G_u16[0]		238		
CDD_PhaseAdvFinal_Cnt_G_u16[1]		480		
CDD_RxMtrPosParityAccum_Cnt_G_u16[0]		238		
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]		480		
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]		27020		
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]		27027		
CDD_SysCVSwitchADC_Cnt_G_u16[0]		3506		
CDD_SysCVSwitchADC_Cnt_G_u16[1]		3930		
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]		27020		
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]		27027		
PXAccumPrev_Cnt_M_u32[0]		532326681		
PXAccumPrev_Cnt_M_u32[1]		20324783		
PXAccumPrev_Cnt_M_u32[2]		49061482		
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word		2004398336		
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word		227882752		
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word		8015104		
Name	Actual Value	Expected Value	Result	
CDD_CDDDataAccessBfr_Cnt_G_u16	0	0		
PXAccumPrev_Cnt_M_u32[0]	250549792	250549792		
PXAccumPrev_Cnt_M_u32[1]	28485344	28485344		



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Name	Actual Value	Expected Value	Result
PXAccumPrev_Cnt_M_u32[2]	1001888	1001888	✓
Rte_Task_2ms_10.Rte_TB.Rte_I_CDDInterface_SysCVSwitchADC_Cnt_u16.value	3930	3930	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	2.28999996	2.28999996	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	4.94289017	4.94289017	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.412398994	0.412398994	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.412399292	0.412398994 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	592	592	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	5096	5096	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	8462	8462	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_LRPRF	45	45	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	255094023	255094023	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	8160561	8160561	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	488811318	488811318	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	0.412399292	0.412398994 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	852385460	852385460	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Modldx	0.978897095	0.978896976 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	159.070007	159.070007	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	-123.785004	-123.785004	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	56.9500008	56.9500008	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	219.199997	219.199997	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	98.7699966	98.7699966	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	2.19994998	2.19994998	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	3.15731001	3.15731001	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_SysCC	0.412399292	0.412398994 ± 0.0000152587890625	✓

Test Step Call Trace				
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	0
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	0.524299979
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.524398983
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	34361
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	34367
CDD_CumMechMtrPos_Rev_s15p16[0]	34361
CDD_CumMechMtrPos_Rev_s15p16[1]	34367
CDD_Die1RxError_Cnt_G_u16[0]	2962
CDD_Die1RxError_Cnt_G_u16[1]	3974
CDD_Die1RxMtrPos_Cnt_G_u16[0]	2962
CDD_Die1RxMtrPos_Cnt_G_u16[1]	3974
CDD_Die1RxRevCtr_Cnt_G_u16[0]	2962
CDD_Die1RxRevCtr_Cnt_G_u16[1]	3974
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	2962
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]	3974
CDD_Die2RxError_Cnt_G_u16[0]	2962
CDD_Die2RxError_Cnt_G_u16[1]	3974
CDD_Die2RxMtrPos_Cnt_G_u16[0]	2962
CDD_Die2RxMtrPos_Cnt_G_u16[1]	3974
CDD_Die2RxRevCtr_Cnt_G_u16[0]	2962
CDD_Die2RxRevCtr_Cnt_G_u16[1]	3974
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	1887302325
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	2184289180
CDD_MechMtrPos1_Rev_G_u0p16[0]	34361
CDD_MechMtrPos1_Rev_G_u0p16[1]	34367
CDD_ModldxFinal_Uls_G_u16p16[0]	17681
CDD_ModldxFinal_Uls_G_u16p16[1]	14860
CDD_MtrCurr1_Volts_G_f32[0]	1.09998
CDD_MtrCurr1_Volts_G_f32[1]	2.19994998
CDD_MtrCurr2_Volts_G_f32[0]	1.08498001
CDD_MtrCurr2_Volts_G_f32[1]	4.73697996
CDD_MtrCurrDax_Amp_G_f32[0]	131.130005
CDD_MtrCurrDax_Amp_G_f32[1]	179.600006
CDD_MtrCurrK1_Amps_G_f32[0]	147.304993
CDD_MtrCurrK1_Amps_G_f32[1]	158.048004
CDD_MtrCurrK2_Amps_G_f32[0]	72.3700027
CDD_MtrCurrK2_Amps_G_f32[1]	88.3199997
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	-63.7799988
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	-56.2299995

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Name	Input Value
CDD_MtrCurrQax_Amp_G_f32[0]	156.229996
CDD_MtrCurrQax_Amp_G_f32[1]	164.179993
CDD_MtrVoltDax_Volt_G_f32[0]	0.0999756008
CDD_MtrVoltDax_Volt_G_f32[1]	0.199950993
CDD_MtrVoltQax_Volt_G_f32[0]	1.93650997
CDD_MtrVoltQax_Volt_G_f32[1]	0.662445009
CDD_PWMdutyCycleASum_Cnt_G_u32[0]	0
CDD_PWMdutyCycleASum_Cnt_G_u32[1]	0
CDD_PWMdutyCycleBSum_Cnt_G_u32[0]	3809
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_RxMtrPosParityAccum_Cnt_G_u16[0]	2962
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	3974
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	34361
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	34367
CDD_SysCVSwitchADC_Cnt_G_u16[0]	1409
CDD_SysCVSwitchADC_Cnt_G_u16[1]	2976
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	34361
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	34367
PXAccumPrev_Cnt_M_u32[0]	307251653
PXAccumPrev_Cnt_M_u32[1]	345377615
PXAccumPrev_Cnt_M_u32[2]	496490572
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	1496887296
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	2558205440
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	1470356480

Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	1	1	✓
PXAccumPrev_Cnt_M_u32[0]	187110912	187110912	✓
PXAccumPrev_Cnt_M_u32[1]	319775680	319775680	✓
PXAccumPrev_Cnt_M_u32[2]	183794560	183794560	✓
Rte_Task_2ms_10.Rte_TB.Rte_I_CDDInterface_SysCVSwitchADC_Cnt_u16.value	1409	1409	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	1.09998	1.09998	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	1.08498001	1.08498001	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.524299979	0.524299979	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.524307251	0.524307013 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	0	0	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	3809	3809	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	5987	5987	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_LRPRF	277	277	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	416730171	416730171	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	511268977	511268977	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	224174900	224174900	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	0.524307251	0.524307013 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	1887302325	1887302325	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Modl	0.269790649	0.269791007 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	131.130005	131.130005	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	147.304993	147.304993	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	72.3700027	72.3700027	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	156.229996	156.229996	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	-63.7799988	-63.7799988	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	0.0999756008	0.0999756008	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	1.93650997	1.93650997	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_SysCC	0.524307251	0.524307013 ± 0.0000152587890625	✓

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

Test Step 2.52 (Repeat Count = 1)	
Name	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16	1
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	0.166299999
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.166397005
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	10899
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	10905
CDD_CumMechMtrPos_Rev_s15p16[0]	10899
CDD_CumMechMtrPos_Rev_s15p16[1]	10905

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Name	Input Value		
CDD_Die1RxError_Cnt_G_u16[0]	3083		
CDD_Die1RxError_Cnt_G_u16[1]	4161		
CDD_Die1RxMtrPos_Cnt_G_u16[0]	3083		
CDD_Die1RxMtrPos_Cnt_G_u16[1]	4161		
CDD_Die1RxRevCtr_Cnt_G_u16[0]	3083		
CDD_Die1RxRevCtr_Cnt_G_u16[1]	4161		
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	3083		
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]	4161		
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]	3083		
CDD_Die2RxRevCtr_Cnt_G_u16[1]	4161		
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	1354224867		
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	3669191344		
CDD_MechMtrPos1_Rev_G_u0p16[0]	10899		
CDD_MechMtrPos1_Rev_G_u0p16[1]	10905		
CDD_ModIdxFinal_Uls_G_u16p16[0]	12858		
CDD_ModIdxFinal_Uls_G_u16p16[1]	47978		
CDD_MtrCurr1_Volts_G_f32[0]	2.29999995		
CDD_MtrCurr1_Volts_G_f32[1]	3.5		
CDD_MtrCurr2_Volts_G_f32[0]	2.43635011		
CDD_MtrCurr2_Volts_G_f32[1]	0.429899991		
CDD_MtrCurrDax_Amp_G_f32[0]	60.8100014		
CDD_MtrCurrDax_Amp_G_f32[1]	74.1200027		
CDD_MtrCurrK1_Amps_G_f32[0]	-181.828003		
CDD_MtrCurrK1_Amps_G_f32[1]	-170.824997		
CDD_MtrCurrK2_Amps_G_f32[0]	-35.7999992		
CDD_MtrCurrK2_Amps_G_f32[1]	30.6900005		
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	12.5600004		
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	14.8900003		
CDD_MtrCurrQax_Amp_G_f32[0]	165.470001		
CDD_MtrCurrQax_Amp_G_f32[1]	174.580002		
CDD_MtrVoltDax_Volt_G_f32[0]	0.5		
CDD_MtrVoltDax_Volt_G_f32[1]	0.599976003		
CDD_MtrVoltQax_Volt_G_f32[0]	0.0246846005		
CDD_MtrVoltQax_Volt_G_f32[1]	4.04040003		
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_RxMtrPosParityAccum_Cnt_G_u16[0]	3083		
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	4161		
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	10899		
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	10905		
CDD_SysCVSwitchADC_Cnt_G_u16[0]	3892		
CDD_SysCVSwitchADC_Cnt_G_u16[1]	433		
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	10899		
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	10905		
PXAccumPrev_Cnt_M_u32[0]	172189229		
PXAccumPrev_Cnt_M_u32[1]	174906840		
PXAccumPrev_Cnt_M_u32[2]	1232869		
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	3065295616		
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	1411737856		
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	2938318592		
Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	0	0	✔
PXAccumPrev_Cnt_M_u32[0]	383161952	383161952	✔
PXAccumPrev_Cnt_M_u32[1]	176467232	176467232	✔
PXAccumPrev_Cnt_M_u32[2]	367289824	367289824	✔
Rte_Task_2ms_10.Rte_TB.Rte_I_CDDInterface_SysCVSwitchADC_Cnt_u16.value	433	433	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	3.5	3.5	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	0.429899991	0.429899991	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.166397005	0.166397005	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.166397095	0.166397005 ± 0.0000152587890625	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	200000	200000	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	5470	5470	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	8836	8836	✔

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Name	Actual Value	Expected Value	Result
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_LRPRF	390	390	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	210972723	210972723	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	1560392	1560392	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	366056955	366056955	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	0.166397095	0.166397005 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	3669191344	3669191344	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Modl	0.732086182	0.732086003 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	74.1200027	74.1200027	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	-170.824997	-170.824997	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	30.6900005	30.6900005	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	174.580002	174.580002	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	14.8900003	14.8900003	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	0.599976003	0.599976003	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	4.04040003	4.04040003	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_SysCC	0.166397095	0.166397005 ± 0.0000152587890625	✓

Test Step Call Trace				
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	1
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	0.232600003
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.232696995
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	15244
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	15250
CDD_CumMechMtrPos_Rev_s15p16[0]	15244
CDD_CumMechMtrPos_Rev_s15p16[1]	15250
CDD_Die1RxError_Cnt_G_u16[0]	3204
CDD_Die1RxError_Cnt_G_u16[1]	4348
CDD_Die1RxMtrPos_Cnt_G_u16[0]	3204
CDD_Die1RxMtrPos_Cnt_G_u16[1]	4348
CDD_Die1RxRevCtr_Cnt_G_u16[0]	3204
CDD_Die1RxRevCtr_Cnt_G_u16[1]	4348
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	3204
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]	4348
CDD_Die2RxError_Cnt_G_u16[0]	3204
CDD_Die2RxError_Cnt_G_u16[1]	4348
CDD_Die2RxMtrPos_Cnt_G_u16[0]	3204
CDD_Die2RxMtrPos_Cnt_G_u16[1]	4348
CDD_Die2RxRevCtr_Cnt_G_u16[0]	3204
CDD_Die2RxRevCtr_Cnt_G_u16[1]	4348
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	3940513946
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	3615687314
CDD_MechMtrPos1_Rev_G_u0p16[0]	15244
CDD_MechMtrPos1_Rev_G_u0p16[1]	15250
CDD_ModlIdxFinal_Uls_G_u16p16[0]	5251
CDD_ModlIdxFinal_Uls_G_u16p16[1]	60500
CDD_MtrCurr1_Volts_G_f32[0]	2.19994998
CDD_MtrCurr1_Volts_G_f32[1]	3.29999995
CDD_MtrCurr2_Volts_G_f32[0]	3.89851999
CDD_MtrCurr2_Volts_G_f32[1]	4.18710995
CDD_MtrCurrDax_Amp_G_f32[0]	-35.7999992
CDD_MtrCurrDax_Amp_G_f32[1]	-30.6900005
CDD_MtrCurrK1_Amps_G_f32[0]	194.345001
CDD_MtrCurrK1_Amps_G_f32[1]	205.608002
CDD_MtrCurrK2_Amps_G_f32[0]	-78.0100021
CDD_MtrCurrK2_Amps_G_f32[1]	67.4800034
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	29.6399994
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	25.8099995
CDD_MtrCurrQax_Amp_G_f32[0]	174.710007
CDD_MtrCurrQax_Amp_G_f32[1]	184.979996
CDD_MtrVoltDax_Volt_G_f32[0]	0.800000012
CDD_MtrVoltDax_Volt_G_f32[1]	0.899999976
CDD_MtrVoltQax_Volt_G_f32[0]	0.260165989
CDD_MtrVoltQax_Volt_G_f32[1]	2.47961998
CDD_PWMDDutyCycleASum_Cnt_G_u32[0]	2962
CDD_PWMDDutyCycleASum_Cnt_G_u32[1]	3974
CDD_PWMDDutyCycleBSum_Cnt_G_u32[0]	4051

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Name	Input Value		
CDD_PWMDDutyCycleBSum_Cnt_G_u32[1]	5657		
CDD_PWMDDutyCycleCSum_Cnt_G_u32[0]	6229		
CDD_PWMDDutyCycleCSum_Cnt_G_u32[1]	9023		
CDD_PhaseAdvFinal_Cnt_G_u16[0]	3204		
CDD_PhaseAdvFinal_Cnt_G_u16[1]	4348		
CDD_RxMtrPosParityAccum_Cnt_G_u16[0]	3204		
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	4348		
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	15244		
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	15250		
CDD_SysCVSwitchADC_Cnt_G_u16[0]	419		
CDD_SysCVSwitchADC_Cnt_G_u16[1]	1258		
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	15244		
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	15250		
PXAccumPrev_Cnt_M_u32[0]	30743987		
PXAccumPrev_Cnt_M_u32[1]	382980949		
PXAccumPrev_Cnt_M_u32[2]	414098195		
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	2248976896		
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	2081589248		
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	2175874560		
Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	0	0	✓
PXAccumPrev_Cnt_M_u32[0]	281122112	281122112	✓
PXAccumPrev_Cnt_M_u32[1]	260198656	260198656	✓
PXAccumPrev_Cnt_M_u32[2]	271984320	271984320	✓
Rte_Task_2ms_10.Rte_TB.Rte_I_CDDInterface_SysCVSwitchADC_Cnt_u16.value	1258	1258	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	3.29999995	3.29999995	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	4.18710995	4.18710995	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.232696995	0.232696995	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.232696533	0.232696995 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	3974	3974	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	5657	5657	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	9023	9023	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_LRPRF	407	407	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	250378125	250378125	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	414088619	414088619	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	394757037	394757037	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	0.232696533	0.232696995 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	3615687314	3615687314	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Modldx	0.923156738	0.923156977 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	-30.6900005	-30.6900005	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	205.608002	205.608002	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	67.4800034	67.4800034	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	184.979996	184.979996	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	25.8099995	25.8099995	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	0.899999976	0.899999976	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	2.47961998	2.47961998	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_SysCC	0.232696533	0.232696995 ± 0.0000152587890625	✓

## Test Step Call Trace

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	0
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	0.369293004
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.369399995
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	24202
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	24209
CDD_CumMechMtrPos_Rev_s15p16[0]	24202
CDD_CumMechMtrPos_Rev_s15p16[1]	24209
CDD_Die1RxError_Cnt_G_u16[0]	3325
CDD_Die1RxError_Cnt_G_u16[1]	4535
CDD_Die1RxMtrPos_Cnt_G_u16[0]	3325
CDD_Die1RxMtrPos_Cnt_G_u16[1]	4535
CDD_Die1RxRevCtr_Cnt_G_u16[0]	3325
CDD_Die1RxRevCtr_Cnt_G_u16[1]	4535
CDD_Die1UnderVltgFltAccum_Cnt_G_u16[0]	3325
CDD_Die1UnderVltgFltAccum_Cnt_G_u16[1]	4535
CDD_Die2RxError_Cnt_G_u16[0]	3325

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Name	Input Value		
CDD_Die2RxError_Cnt_G_u16[1]	4535		
CDD_Die2RxMtrPos_Cnt_G_u16[0]	3325		
CDD_Die2RxMtrPos_Cnt_G_u16[1]	4535		
CDD_Die2RxRevCtr_Cnt_G_u16[0]	3325		
CDD_Die2RxRevCtr_Cnt_G_u16[1]	4535		
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	4107777421		
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	1367012853		
CDD_MechMtrPos1_Rev_G_u0p16[0]	24202		
CDD_MechMtrPos1_Rev_G_u0p16[1]	24209		
CDD_ModIdxFinal_Uls_G_u16p16[0]	34268		
CDD_ModIdxFinal_Uls_G_u16p16[1]	10547		
CDD_MtrCurr1_Volts_G_f32[0]	2.5		
CDD_MtrCurr1_Volts_G_f32[1]	3.4000001		
CDD_MtrCurr2_Volts_G_f32[0]	2.26926994		
CDD_MtrCurr2_Volts_G_f32[1]	1.06611001		
CDD_MtrCurrDax_Amp_G_f32[0]	-97.4800034		
CDD_MtrCurrDax_Amp_G_f32[1]	-70.6900024		
CDD_MtrCurrK1_Amps_G_f32[0]	120.710999		
CDD_MtrCurrK1_Amps_G_f32[1]	130.934006		
CDD_MtrCurrK2_Amps_G_f32[0]	10.2299995		
CDD_MtrCurrK2_Amps_G_f32[1]	20.5599995		
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	30.8600006		
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	26.5900002		
CDD_MtrCurrQax_Amp_G_f32[0]	183.949997		
CDD_MtrCurrQax_Amp_G_f32[1]	195.380005		
CDD_MtrVoltDax_Volt_G_f32[0]	0.25		
CDD_MtrVoltDax_Volt_G_f32[1]	1		
CDD_MtrVoltQax_Volt_G_f32[0]	0.835955024		
CDD_MtrVoltQax_Volt_G_f32[1]	0.98447597		
CDD_PWMDCycleASum_Cnt_G_u32[0]	286		
CDD_PWMDCycleASum_Cnt_G_u32[1]	816		
CDD_PWMDCycleBSum_Cnt_G_u32[0]	0		
CDD_PWMDCycleBSum_Cnt_G_u32[1]	0		
CDD_PWMDCycleCSum_Cnt_G_u32[0]	6350		
CDD_PWMDCycleCSum_Cnt_G_u32[1]	9210		
CDD_PhaseAdvFinal_Cnt_G_u16[0]	3325		
CDD_PhaseAdvFinal_Cnt_G_u16[1]	4535		
CDD_RxMtrPosParityAccum_Cnt_G_u16[0]	3325		
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	4535		
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	24202		
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	24209		
CDD_SysCVSwitchADC_Cnt_G_u16[0]	1703		
CDD_SysCVSwitchADC_Cnt_G_u16[1]	1450		
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	24202		
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	24209		
PXAccumPrev_Cnt_M_u32[0]	492604424		
PXAccumPrev_Cnt_M_u32[1]	334512676		
PXAccumPrev_Cnt_M_u32[2]	19163772		
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	2426455296		
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	2743544576		
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	2934120704		
Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	1	1	✔
PXAccumPrev_Cnt_M_u32[0]	303306912	303306912	✔
PXAccumPrev_Cnt_M_u32[1]	342943072	342943072	✔
PXAccumPrev_Cnt_M_u32[2]	366765088	366765088	✔
Rte_Task_2ms_10.Rte_TB.Rte_I_CDDInterface_SysCVSwitchADC_Cnt_u16.value	1703	1703	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	2.5	2.5	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	2.26926994	2.26926994	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.369293004	0.369293004	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.369293213	0.369293004 ± 0.0000152587890625	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	286	286	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	0	0	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	6350	6350	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_LRPRF	311	311	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	347573400	347573400	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	8430396	8430396	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	347601316	347601316	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	0.369293213	0.369293004 ± 0.0000152587890625	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	4107777421	4107777421	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ModIdx	0.522888184	0.522888005 ± 0.0000152587890625	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCun	-97.4800034	-97.4800034	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCun	120.710999	120.710999	✔



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Name	Actual Value	Expected Value	Result
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCurr	10.2299995	10.2299995	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCurr	183.949997	183.949997	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCurr	30.8600006	30.8600006	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	0.25	0.25	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	0.835955024	0.835955024	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_SysCC	0.369293213	0.369293004 ± 0.0000152587890625	✓

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

Test Step 2.55 (Repeat Count = 1)	
Name	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16	0
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	0.49059999
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.490700006
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	32152
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	32159
CDD_CumMechMtrPos_Rev_s15p16[0]	32152
CDD_CumMechMtrPos_Rev_s15p16[1]	32159
CDD_Die1RxError_Cnt_G_u16[0]	3446
CDD_Die1RxError_Cnt_G_u16[1]	4722
CDD_Die1RxMtrPos_Cnt_G_u16[0]	3446
CDD_Die1RxMtrPos_Cnt_G_u16[1]	4722
CDD_Die1RxRevCtr_Cnt_G_u16[0]	3446
CDD_Die1RxRevCtr_Cnt_G_u16[1]	4722
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	3446
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]	4722
CDD_Die2RxError_Cnt_G_u16[0]	3446
CDD_Die2RxError_Cnt_G_u16[1]	4722
CDD_Die2RxMtrPos_Cnt_G_u16[0]	3446
CDD_Die2RxMtrPos_Cnt_G_u16[1]	4722
CDD_Die2RxRevCtr_Cnt_G_u16[0]	3446
CDD_Die2RxRevCtr_Cnt_G_u16[1]	4722
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	873492437
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	3391496898
CDD_MechMtrPos1_Rev_G_u0p16[0]	32152
CDD_MechMtrPos1_Rev_G_u0p16[1]	32159
CDD_ModIdxFinal_Uls_G_u16p16[0]	14094
CDD_ModIdxFinal_Uls_G_u16p16[1]	28165
CDD_MtrCurr1_Volts_G_f32[0]	3.09998012
CDD_MtrCurr1_Volts_G_f32[1]	4.5
CDD_MtrCurr2_Volts_G_f32[0]	1.26706004
CDD_MtrCurr2_Volts_G_f32[1]	2.15658998
CDD_MtrCurrDax_Amp_G_f32[0]	-118.010002
CDD_MtrCurrDax_Amp_G_f32[1]	-85.8000031
CDD_MtrCurrK1_Amps_G_f32[0]	144.751007
CDD_MtrCurrK1_Amps_G_f32[1]	155.233994
CDD_MtrCurrK2_Amps_G_f32[0]	15.7799997
CDD_MtrCurrK2_Amps_G_f32[1]	25.2299995
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	-27.3700008
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	-32.0800018
CDD_MtrCurrQax_Amp_G_f32[0]	193.190002
CDD_MtrCurrQax_Amp_G_f32[1]	205.779999
CDD_MtrVoltDax_Volt_G_f32[0]	0.359984994
CDD_MtrVoltDax_Volt_G_f32[1]	1.19994998
CDD_MtrVoltQax_Volt_G_f32[0]	3.89327002
CDD_MtrVoltQax_Volt_G_f32[1]	4.23016024
CDD_PWMdutyCycleASum_Cnt_G_u32[0]	294
CDD_PWMdutyCycleASum_Cnt_G_u32[1]	872
CDD_PWMdutyCycleBSum_Cnt_G_u32[0]	200000
CDD_PWMdutyCycleBSum_Cnt_G_u32[1]	200000
CDD_PWMdutyCycleCSum_Cnt_G_u32[0]	214
CDD_PWMdutyCycleCSum_Cnt_G_u32[1]	312
CDD_PhaseAdvFinal_Cnt_G_u16[0]	3446
CDD_PhaseAdvFinal_Cnt_G_u16[1]	4722
CDD_RxMtrPosParityAccum_Cnt_G_u16[0]	3446
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	4722
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	32152
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	32159

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CDDInterface\_Per1

Name	Input Value		
CDD_SysCVSwitchADC_Cnt_G_u16[0]	3149		
CDD_SysCVSwitchADC_Cnt_G_u16[1]	1326		
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	32152		
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	32159		
PXAccumPrev_Cnt_M_u32[0]	482397029		
PXAccumPrev_Cnt_M_u32[1]	365505583		
PXAccumPrev_Cnt_M_u32[2]	293876173		
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	1997566976		
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	1064649216		
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	2830721024		
Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	1	1	✓
PXAccumPrev_Cnt_M_u32[0]	249695872	249695872	✓
PXAccumPrev_Cnt_M_u32[1]	133081152	133081152	✓
PXAccumPrev_Cnt_M_u32[2]	353840128	353840128	✓
Rte_Task_2ms_10.Rte_TB.Rte_I_CDDInterface_SysCVSwitchADC_Cnt_u16.value	3149	3149	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	3.09998012	3.09998012	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	1.26706004	1.26706004	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.49059999	0.49059999	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.490600586	0.490601003 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	294	294	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	200000	200000	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	214	214	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_LRPRF	323	323	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	304169755	304169755	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	304446481	304446481	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	59963955	59963955	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	0.490600586	0.490601003 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	873492437	873492437	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Modidx	0.215057373	0.215057001 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	-118.010002	-118.010002	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	144.751007	144.751007	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	15.7799997	15.7799997	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	193.190002	193.190002	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	-27.3700008	-27.3700008	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	0.359984994	0.359984994	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	3.89327002	3.89327002	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_SysCC	0.490600586	0.490601003 ± 0.0000152587890625	✓

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
CDDPorts_ClearPhsReasSum	1	CDDPorts_ClearPhsReasSum	1	✓

## Test Step 2.56 (Repeat Count = 1)

Name	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16	0
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	0.660293996
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.660399973
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	43273
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	43280
CDD_CumMechMtrPos_Rev_s15p16[0]	43273
CDD_CumMechMtrPos_Rev_s15p16[1]	43280
CDD_Die1RxError_Cnt_G_u16[0]	3567
CDD_Die1RxError_Cnt_G_u16[1]	4909
CDD_Die1RxMtrPos_Cnt_G_u16[0]	3567
CDD_Die1RxMtrPos_Cnt_G_u16[1]	4909
CDD_Die1RxRevCtr_Cnt_G_u16[0]	3567
CDD_Die1RxRevCtr_Cnt_G_u16[1]	4909
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	3567
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]	4909
CDD_Die2RxError_Cnt_G_u16[0]	3567
CDD_Die2RxError_Cnt_G_u16[1]	4909
CDD_Die2RxMtrPos_Cnt_G_u16[0]	3567
CDD_Die2RxMtrPos_Cnt_G_u16[1]	4909
CDD_Die2RxRevCtr_Cnt_G_u16[0]	3567
CDD_Die2RxRevCtr_Cnt_G_u16[1]	4909
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	3282847839
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	2695739559
CDD_MechMtrPos1_Rev_G_u0p16[0]	43273
CDD_MechMtrPos1_Rev_G_u0p16[1]	43280



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Name	Input Value		
CDD_ModIdxFinal_Uls_G_u16p16[0]	11109		
CDD_ModIdxFinal_Uls_G_u16p16[1]	23674		
CDD_MtrCurr1_Volts_G_f32[0]	4.19995022		
CDD_MtrCurr1_Volts_G_f32[1]	4.9000001		
CDD_MtrCurr2_Volts_G_f32[0]	0.574612975		
CDD_MtrCurr2_Volts_G_f32[1]	1.20152998		
CDD_MtrCurrDax_Amp_G_f32[0]	100.910004		
CDD_MtrCurrDax_Amp_G_f32[1]	138.539993		
CDD_MtrCurrK1_Amps_G_f32[0]	-168.791		
CDD_MtrCurrK1_Amps_G_f32[1]	-159.533997		
CDD_MtrCurrK2_Amps_G_f32[0]	66.1999969		
CDD_MtrCurrK2_Amps_G_f32[1]	88.0999985		
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	-28.1499996		
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	-33.2999992		
CDD_MtrCurrQax_Amp_G_f32[0]	-159.070007		
CDD_MtrCurrQax_Amp_G_f32[1]	-116.019997		
CDD_MtrVoltDax_Volt_G_f32[0]	1.66999996		
CDD_MtrVoltDax_Volt_G_f32[1]	2.68000007		
CDD_MtrVoltQax_Volt_G_f32[0]	3.56024003		
CDD_MtrVoltQax_Volt_G_f32[1]	2.08021998		
CDD_PWMdutyCycleASum_Cnt_G_u32[0]	302		
CDD_PWMdutyCycleASum_Cnt_G_u32[1]	928		
CDD_PWMdutyCycleBSum_Cnt_G_u32[0]	150		
CDD_PWMdutyCycleBSum_Cnt_G_u32[1]	159		
CDD_PWMdutyCycleCSum_Cnt_G_u32[0]	222		
CDD_PWMdutyCycleCSum_Cnt_G_u32[1]	368		
CDD_PhaseAdvFinal_Cnt_G_u16[0]	3567		
CDD_PhaseAdvFinal_Cnt_G_u16[1]	4909		
CDD_RxMtrPosParityAccum_Cnt_G_u16[0]	3567		
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	4909		
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	43273		
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	43280		
CDD_SysCVSwitchADC_Cnt_G_u16[0]	1166		
CDD_SysCVSwitchADC_Cnt_G_u16[1]	3327		
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	43273		
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	43280		
PXAccumPrev_Cnt_M_u32[0]	133411908		
PXAccumPrev_Cnt_M_u32[1]	179866817		
PXAccumPrev_Cnt_M_u32[2]	242998412		
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	1631414016		
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	1690762496		
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	3874661120		
Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	1	1	✔
PXAccumPrev_Cnt_M_u32[0]	203926752	203926752	✔
PXAccumPrev_Cnt_M_u32[1]	211345312	211345312	✔
PXAccumPrev_Cnt_M_u32[2]	484332640	484332640	✔
Rte_Task_2ms_10.Rte_TB.Rte_I_CDDInterface_SysCVSwitchADC_Cnt_u16.value	1166	1166	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	4.19995022	4.19995022	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	0.574612975	0.574612975	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.660293996	0.660293996	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.660293579	0.660293996 ± 0.0000152587890625	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	302	302	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	150	150	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	222	222	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_LRPRF	334	334	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	70514844	70514844	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	31478495	31478495	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	241334228	241334228	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	0.660293579	0.660293996 ± 0.0000152587890625	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	3282847839	3282847839	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ModIdx	0.169509888	0.169510007 ± 0.0000152587890625	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCun	100.910004	100.910004	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCun	-168.791	-168.791	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCun	66.1999969	66.1999969	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCun	-159.070007	-159.070007	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCun	-28.1499996	-28.1499996	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	1.66999996	1.66999996	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	3.56024003	3.56024003	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_SvsCC	0.660293579	0.660293996 ± 0.0000152587890625	✔

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CDDInterface\_Per1



## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
CDDPorts_ClearPhsReasSum	1	CDDPorts_ClearPhsReasSum	1	✓

## Test Step 2.57 (Repeat Count = 1)

Name	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16	1
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	0.659099996
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.659195006
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	43195
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	43201
CDD_CumMechMtrPos_Rev_s15p16[0]	43195
CDD_CumMechMtrPos_Rev_s15p16[1]	43201
CDD_Die1RxError_Cnt_G_u16[0]	3688
CDD_Die1RxError_Cnt_G_u16[1]	5096
CDD_Die1RxMtrPos_Cnt_G_u16[0]	3688
CDD_Die1RxMtrPos_Cnt_G_u16[1]	5096
CDD_Die1RxRevCtr_Cnt_G_u16[0]	3688
CDD_Die1RxRevCtr_Cnt_G_u16[1]	5096
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	3688
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]	5096
CDD_Die2RxError_Cnt_G_u16[0]	3688
CDD_Die2RxError_Cnt_G_u16[1]	5096
CDD_Die2RxMtrPos_Cnt_G_u16[0]	3688
CDD_Die2RxMtrPos_Cnt_G_u16[1]	5096
CDD_Die2RxRevCtr_Cnt_G_u16[0]	3688
CDD_Die2RxRevCtr_Cnt_G_u16[1]	5096
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	350374653
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	2843243993
CDD_MechMtrPos1_Rev_G_u0p16[0]	43195
CDD_MechMtrPos1_Rev_G_u0p16[1]	43201
CDD_ModIdxFinal_Uls_G_u16p16[0]	64430
CDD_ModIdxFinal_Uls_G_u16p16[1]	46201
CDD_MtrCurr1_Volts_G_f32[0]	2.79999995
CDD_MtrCurr1_Volts_G_f32[1]	3.69994998
CDD_MtrCurr2_Volts_G_f32[0]	0.100814998
CDD_MtrCurr2_Volts_G_f32[1]	3.96227002
CDD_MtrCurrDax_Amp_G_f32[0]	116.019997
CDD_MtrCurrDax_Amp_G_f32[1]	159.070007
CDD_MtrCurrK1_Amps_G_f32[0]	192.830994
CDD_MtrCurrK1_Amps_G_f32[1]	203.834
CDD_MtrCurrK2_Amps_G_f32[0]	-32
CDD_MtrCurrK2_Amps_G_f32[1]	-28
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	34.5200005
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	28.9300003
CDD_MtrCurrQax_Amp_G_f32[0]	-179.600006
CDD_MtrCurrQax_Amp_G_f32[1]	-131.130005
CDD_MtrVoltDax_Volt_G_f32[0]	1.67999995
CDD_MtrVoltDax_Volt_G_f32[1]	2.68993998
CDD_MtrVoltQax_Volt_G_f32[0]	3.14425993
CDD_MtrVoltQax_Volt_G_f32[1]	1.37502003
CDD_PWMDDutyCycleASum_Cnt_G_u32[0]	655
CDD_PWMDDutyCycleASum_Cnt_G_u32[1]	984
CDD_PWMDDutyCycleBSum_Cnt_G_u32[0]	214
CDD_PWMDDutyCycleBSum_Cnt_G_u32[1]	312
CDD_PWMDDutyCycleCSum_Cnt_G_u32[0]	0
CDD_PWMDDutyCycleCSum_Cnt_G_u32[1]	0
CDD_PhaseAdvFinal_Cnt_G_u16[0]	3688
CDD_PhaseAdvFinal_Cnt_G_u16[1]	5096
CDD_RxMtrPosParityAccum_Cnt_G_u16[0]	3688
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	5096
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	43195
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	43201
CDD_SysCVSwitchADC_Cnt_G_u16[0]	3364
CDD_SysCVSwitchADC_Cnt_G_u16[1]	3096
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	43195
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	43201
PXAccumPrev_Cnt_M_u32[0]	118729773
PXAccumPrev_Cnt_M_u32[1]	197593050
PXAccumPrev_Cnt_M_u32[2]	102398613

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CDDInterface\_Per1

Name	Input Value		
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	3124923904		
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	2038287360		
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	2568149504		
Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	0	0	✓
PXAccumPrev_Cnt_M_u32[0]	390615488	390615488	✓
PXAccumPrev_Cnt_M_u32[1]	254785920	254785920	✓
PXAccumPrev_Cnt_M_u32[2]	321018688	321018688	✓
Rte_Task_2ms_10.Rte_TB.Rte_I_CDDInterface_SysCVSwitchADC_Cnt_u16.value	3096	3096	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	3.69994998	3.69994998	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	3.96227002	3.96227002	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.659195006	0.659195006	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.659194946	0.659195006 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	984	984	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	312	312	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	0	0	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_LRPRF	477	477	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	271885715	271885715	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	57192870	57192870	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	218620075	218620075	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	0.659194946	0.659195006 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	2843243993	2843243993	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Modl	0.704971313	0.704971015 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	159.070007	159.070007	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	203.834	203.834	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	-28	-28	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	-131.130005	-131.130005	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	28.9300003	28.9300003	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	2.68993998	2.68993998	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	1.37502003	1.37502003	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_SysCC	0.659194946	0.659195006 ± 0.0000152587890625	✓

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

Test Step 2.58 (Repeat Count = 1)	
Name	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16	1
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	0.123595998
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.1237
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	8100
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	8107
CDD_CumMechMtrPos_Rev_s15p16[0]	8100
CDD_CumMechMtrPos_Rev_s15p16[1]	8107
CDD_Die1RxError_Cnt_G_u16[0]	3809
CDD_Die1RxError_Cnt_G_u16[1]	5283
CDD_Die1RxMtrPos_Cnt_G_u16[0]	3809
CDD_Die1RxMtrPos_Cnt_G_u16[1]	5283
CDD_Die1RxRevCtr_Cnt_G_u16[0]	3809
CDD_Die1RxRevCtr_Cnt_G_u16[1]	5283
CDD_Die1UnderVltgFltAccum_Cnt_G_u16[0]	3809
CDD_Die1UnderVltgFltAccum_Cnt_G_u16[1]	5283
CDD_Die2RxError_Cnt_G_u16[0]	3809
CDD_Die2RxError_Cnt_G_u16[1]	5283
CDD_Die2RxMtrPos_Cnt_G_u16[0]	3809
CDD_Die2RxMtrPos_Cnt_G_u16[1]	5283
CDD_Die2RxRevCtr_Cnt_G_u16[0]	3809
CDD_Die2RxRevCtr_Cnt_G_u16[1]	5283
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	472664732
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	2820043235
CDD_MechMtrPos1_Rev_G_u0p16[0]	8100
CDD_MechMtrPos1_Rev_G_u0p16[1]	8107
CDD_ModlxFinal_Uls_G_u16p16[0]	33141
CDD_ModlxFinal_Uls_G_u16p16[1]	8764
CDD_MtrCurr1_Volts_G_f32[0]	1.39999998
CDD_MtrCurr1_Volts_G_f32[1]	1.59998
CDD_MtrCurr2_Volts_G_f32[0]	4.11470985
CDD_MtrCurr2_Volts_G_f32[1]	4.11989021
CDD_MtrCurrDax_Amp_G_f32[0]	131.130005

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Name	Input Value
CDD_MtrCurrDax_Amp_G_f32[1]	179.600006
CDD_MtrCurrK1_Amps_G_f32[0]	141.156998
CDD_MtrCurrK1_Amps_G_f32[1]	151.380005
CDD_MtrCurrK2_Amps_G_f32[0]	6.26999998
CDD_MtrCurrK2_Amps_G_f32[1]	11.2799997
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	35.7400017
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	29.7099991
CDD_MtrCurrQax_Amp_G_f32[0]	98.3199997
CDD_MtrCurrQax_Amp_G_f32[1]	119.690002
CDD_MtrVoltDax_Volt_G_f32[0]	1.68993998
CDD_MtrVoltDax_Volt_G_f32[1]	2.69994998
CDD_MtrVoltQax_Volt_G_f32[0]	3.28531003
CDD_MtrVoltQax_Volt_G_f32[1]	3.49223995
CDD_PWMDDutyCycleASum_Cnt_G_u32[0]	1026
CDD_PWMDDutyCycleASum_Cnt_G_u32[1]	1040
CDD_PWMDDutyCycleBSum_Cnt_G_u32[0]	222
CDD_PWMDDutyCycleBSum_Cnt_G_u32[1]	368
CDD_PWMDDutyCycleCSum_Cnt_G_u32[0]	200000
CDD_PWMDDutyCycleCSum_Cnt_G_u32[1]	200000
CDD_PhaseAdvFinal_Cnt_G_u16[0]	3809
CDD_PhaseAdvFinal_Cnt_G_u16[1]	5283
CDD_RxMtrPosParityAccum_Cnt_G_u16[0]	3809
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	5283
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	8100
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	8107
CDD_SysCVSwitchADC_Cnt_G_u16[0]	3400
CDD_SysCVSwitchADC_Cnt_G_u16[1]	3220
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	8100
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	8107
PXAccumPrev_Cnt_M_u32[0]	442031340
PXAccumPrev_Cnt_M_u32[1]	158085149
PXAccumPrev_Cnt_M_u32[2]	490654492
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	2559514880
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	1565875968
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	1817064704

Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	0	0	✓
PXAccumPrev_Cnt_M_u32[0]	319939360	319939360	✓
PXAccumPrev_Cnt_M_u32[1]	195734496	195734496	✓
PXAccumPrev_Cnt_M_u32[2]	227133088	227133088	✓
Rte_Task_2ms_10.Rte_TB.Rte_I_CDDInterface_SysCVSwitchADC_Cnt_u16.value	3220	3220	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	1.59998	1.59998	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	4.11989021	4.11989021	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.1237	0.1237	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.123703003	0.123703003 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	1040	1040	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	368	368	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	200000	200000	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_LRPRF	495	495	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	414778932	414778932	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	37649347	37649347	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	273349508	273349508	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	0.123703003	0.123703003 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	2820043235	2820043235	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Modl	0.133728027	0.133727998 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	179.600006	179.600006	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	151.380005	151.380005	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	11.2799997	11.2799997	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	119.690002	119.690002	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	29.7099991	29.7099991	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	2.69994998	2.69994998	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	3.49223995	3.49223995	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_SysCC	0.123703003	0.123703003 ± 0.0000152587890625	✓

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
CDDPorts_ClearPhsReasSum	1	CDDPorts_ClearPhsReasSum	1	✓

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## Test Step 2.59 (Repeat Count = 1)



Name	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16	1
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	0.245800003
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.245894998
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	16109
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	16115
CDD_CumMechMtrPos_Rev_s15p16[0]	16109
CDD_CumMechMtrPos_Rev_s15p16[1]	16115
CDD_Die1RxError_Cnt_G_u16[0]	3930
CDD_Die1RxError_Cnt_G_u16[1]	5470
CDD_Die1RxMtrPos_Cnt_G_u16[0]	3930
CDD_Die1RxMtrPos_Cnt_G_u16[1]	5470
CDD_Die1RxRevCtr_Cnt_G_u16[0]	3930
CDD_Die1RxRevCtr_Cnt_G_u16[1]	5470
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	3930
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]	5470
CDD_Die2RxError_Cnt_G_u16[0]	3930
CDD_Die2RxError_Cnt_G_u16[1]	5470
CDD_Die2RxMtrPos_Cnt_G_u16[0]	3930
CDD_Die2RxMtrPos_Cnt_G_u16[1]	5470
CDD_Die2RxRevCtr_Cnt_G_u16[0]	3930
CDD_Die2RxRevCtr_Cnt_G_u16[1]	5470
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	472664731
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	2820043234
CDD_MechMtrPos1_Rev_G_u0p16[0]	16109
CDD_MechMtrPos1_Rev_G_u0p16[1]	16115
CDD_ModlIdxFinal_Uls_G_u16p16[0]	19568
CDD_ModlIdxFinal_Uls_G_u16p16[1]	38550
CDD_MtrCurr1_Volts_G_f32[0]	1.559999994
CDD_MtrCurr1_Volts_G_f32[1]	1.889999999
CDD_MtrCurr2_Volts_G_f32[0]	0.650668979
CDD_MtrCurr2_Volts_G_f32[1]	4.41764021
CDD_MtrCurrDax_Amp_G_f32[0]	60.8100014
CDD_MtrCurrDax_Amp_G_f32[1]	74.1200027
CDD_MtrCurrK1_Amps_G_f32[0]	-176.199997
CDD_MtrCurrK1_Amps_G_f32[1]	-165.716995
CDD_MtrCurrK2_Amps_G_f32[0]	34
CDD_MtrCurrK2_Amps_G_f32[1]	54
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	36.9599991
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	30.4899998
CDD_MtrCurrQax_Amp_G_f32[0]	124.269997
CDD_MtrCurrQax_Amp_G_f32[1]	151.059998
CDD_MtrVoltDax_Volt_G_f32[0]	1.69994998
CDD_MtrVoltDax_Volt_G_f32[1]	2.70995998
CDD_MtrVoltQax_Volt_G_f32[0]	4.55751991
CDD_MtrVoltQax_Volt_G_f32[1]	3.77693009
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]	6108
CDD_PWMdutyCycleCSum_Cnt_G_u32[1]	8836
CDD_PhaseAdvFinal_Cnt_G_u16[0]	3930
CDD_PhaseAdvFinal_Cnt_G_u16[1]	5470
CDD_RxMtrPosParityAccum_Cnt_G_u16[0]	3930
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	5470
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	16109
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	16115
CDD_SysCVSwitchADC_Cnt_G_u16[0]	357
CDD_SysCVSwitchADC_Cnt_G_u16[1]	246
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	16109
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	16115
PXAccumPrev_Cnt_M_u32[0]	452947082
PXAccumPrev_Cnt_M_u32[1]	419037246
PXAccumPrev_Cnt_M_u32[2]	382113107
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	2979362816
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	1004185088
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	2781357056

Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	0	0	✔
PXAccumPrev_Cnt_M_u32[0]	372420352	372420352	✔
PXAccumPrev_Cnt M_u32[1]	125523136	125523136	✔

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Name	Actual Value	Expected Value	Result
PXAccumPrev_Cnt_M_u32[2]	347669632	347669632	✓
Rte_Task_2ms_10.Rte_TB.Rte_I_CDDInterface_SysCVSwitchADC_Cnt_u16.value	246	246	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	1.88999999	1.88999999	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	4.41764021	4.41764021	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.245894998	0.245894998	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.245895386	0.245894998 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	1169	1169	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	424	424	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	8836	8836	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_LRPRF	512	512	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	456344182	456344182	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	243356802	243356802	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	502427437	502427437	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	0.245895386	0.245894998 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	2820043234	2820043234	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Modl	0.588226318	0.58822602 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	74.1200027	74.1200027	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	-165.716995	-165.716995	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	54	54	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	151.059998	151.059998	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	30.4899998	30.4899998	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	2.70995998	2.70995998	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	3.77693009	3.77693009	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_SysCC	0.245895386	0.245894998 ± 0.0000152587890625	✓

Test Step Call Trace				
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	0
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	0.587000012
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.878997982
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	38470
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	57606
CDD_CumMechMtrPos_Rev_s15p16[0]	38470
CDD_CumMechMtrPos_Rev_s15p16[1]	57606
CDD_Die1RxError_Cnt_G_u16[0]	100
CDD_Die1RxError_Cnt_G_u16[1]	150
CDD_Die1RxMtrPos_Cnt_G_u16[0]	100
CDD_Die1RxMtrPos_Cnt_G_u16[1]	150
CDD_Die1RxRevCtr_Cnt_G_u16[0]	100
CDD_Die1RxRevCtr_Cnt_G_u16[1]	150
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	100
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]	150
CDD_Die2RxError_Cnt_G_u16[0]	100
CDD_Die2RxError_Cnt_G_u16[1]	150
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]	1999715327
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	1762676376
CDD_MechMtrPos1_Rev_G_u0p16[0]	38470
CDD_MechMtrPos1_Rev_G_u0p16[1]	57606
CDD_ModlxFinal_Uls_G_u16p16[0]	818
CDD_ModlxFinal_Uls_G_u16p16[1]	25405
CDD_MtrCurr1_Volts_G_f32[0]	4.83323002
CDD_MtrCurr1_Volts_G_f32[1]	0.844820976
CDD_MtrCurr2_Volts_G_f32[0]	4.27784014
CDD_MtrCurr2_Volts_G_f32[1]	4.4698801
CDD_MtrCurrDax_Amp_G_f32[0]	-76.8600006
CDD_MtrCurrDax_Amp_G_f32[1]	-62.4799995
CDD_MtrCurrK1_Amps_G_f32[0]	-201.020004
CDD_MtrCurrK1_Amps_G_f32[1]	-190.276993
CDD_MtrCurrK2_Amps_G_f32[0]	59.2700005
CDD_MtrCurrK2_Amps_G_f32[1]	67.8899994
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	38.1800003
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	31.2700005



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Name	Input Value
CDD_MtrCurrQax_Amp_G_f32[0]	120.710999
CDD_MtrCurrQax_Amp_G_f32[1]	130.934006
CDD_MtrVoltDax_Volt_G_f32[0]	1.66999996
CDD_MtrVoltDax_Volt_G_f32[1]	2.68000007
CDD_MtrVoltQax_Volt_G_f32[0]	1.56710005
CDD_MtrVoltQax_Volt_G_f32[1]	3.35309005
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]	0
CDD_PhaseAdvFinal_Cnt_G_u16[1]	0
CDD_RxMtrPosParityAccum_Cnt_G_u16[0]	100
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	150
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	38470
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	57606
CDD_SysCVSwitchADC_Cnt_G_u16[0]	1192
CDD_SysCVSwitchADC_Cnt_G_u16[1]	2995
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	38470
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	57606
PXAccumPrev_Cnt_M_u32[0]	358168633
PXAccumPrev_Cnt_M_u32[1]	322091286
PXAccumPrev_Cnt_M_u32[2]	301838435
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	4206779136
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	841404672
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	2413188864

Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	1	1	✓
PXAccumPrev_Cnt_M_u32[0]	525847392	525847392	✓
PXAccumPrev_Cnt_M_u32[1]	105175584	105175584	✓
PXAccumPrev_Cnt_M_u32[2]	301648608	301648608	✓
Rte_Task_2ms_10.Rte_TB.Rte_I_CDDInterface_SysCVSwitchADC_Cnt_u16.value	1192	1192	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	4.83323002	4.83323002	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	4.27784014	4.27784014	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.587000012	0.587000012	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.587005615	0.587005973 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	1268	1268	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	238	238	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	254	254	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_LRPRF	0	0	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	167678759	167678759	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	319955210	319955210	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	536681085	536681085	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	0.587005615	0.587005973 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	1999715327	1999715327	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Modl	0.0124816895	0.0124816997 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	-76.8600006	-76.8600006	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	-201.020004	-201.020004	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	59.2700005	59.2700005	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	120.710999	120.710999	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	38.1800003	38.1800003	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	1.66999996	1.66999996	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	1.56710005	1.56710005	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_SysCC	0.587005615	0.587005973 ± 0.0000152587890625	✓

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
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]	0.659897029
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.660000026
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	43247
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	43254
CDD_CumMechMtrPos_Rev_s15p16[0]	43247
CDD_CumMechMtrPos_Rev_s15p16[1]	43254

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Name	Input Value		
CDD_Die1RxError_Cnt_G_u16[0]	126		
CDD_Die1RxError_Cnt_G_u16[1]	156		
CDD_Die1RxMtrPos_Cnt_G_u16[0]	126		
CDD_Die1RxMtrPos_Cnt_G_u16[1]	156		
CDD_Die1RxRevCtr_Cnt_G_u16[0]	126		
CDD_Die1RxRevCtr_Cnt_G_u16[1]	156		
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	126		
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]	156		
CDD_Die2RxError_Cnt_G_u16[0]	126		
CDD_Die2RxError_Cnt_G_u16[1]	156		
CDD_Die2RxMtrPos_Cnt_G_u16[0]	126		
CDD_Die2RxMtrPos_Cnt_G_u16[1]	156		
CDD_Die2RxRevCtr_Cnt_G_u16[0]	126		
CDD_Die2RxRevCtr_Cnt_G_u16[1]	156		
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	1951727467		
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	648188276		
CDD_MechMtrPos1_Rev_G_u0p16[0]	43247		
CDD_MechMtrPos1_Rev_G_u0p16[1]	43254		
CDD_ModIdxFinal_Uls_G_u16p16[0]	31352		
CDD_ModIdxFinal_Uls_G_u16p16[1]	32062		
CDD_MtrCurr1_Volts_G_f32[0]	0.867460012		
CDD_MtrCurr1_Volts_G_f32[1]	1.35637999		
CDD_MtrCurr2_Volts_G_f32[0]	4.4014101		
CDD_MtrCurr2_Volts_G_f32[1]	2.78397012		
CDD_MtrCurrDax_Amp_G_f32[0]	64.1500015		
CDD_MtrCurrDax_Amp_G_f32[1]	79.5999985		
CDD_MtrCurrK1_Amps_G_f32[0]	214.837006		
CDD_MtrCurrK1_Amps_G_f32[1]	215.839996		
CDD_MtrCurrK2_Amps_G_f32[0]	-74		
CDD_MtrCurrK2_Amps_G_f32[1]	-64		
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	39.4000015		
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	32.0499992		
CDD_MtrCurrQax_Amp_G_f32[0]	144.751007		
CDD_MtrCurrQax_Amp_G_f32[1]	155.233994		
CDD_MtrVoltDax_Volt_G_f32[0]	1.67999995		
CDD_MtrVoltDax_Volt_G_f32[1]	2.68993998		
CDD_MtrVoltQax_Volt_G_f32[0]	2.97398996		
CDD_MtrVoltQax_Volt_G_f32[1]	2.57774997		
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]	65535		
CDD_PhaseAdvFinal_Cnt_G_u16[1]	65535		
CDD_RxMtrPosParityAccum_Cnt_G_u16[0]	126		
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	156		
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	43247		
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	43254		
CDD_SysCVSwitchADC_Cnt_G_u16[0]	3788		
CDD_SysCVSwitchADC_Cnt_G_u16[1]	1867		
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	43247		
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	43254		
PXAccumPrev_Cnt_M_u32[0]	49299806		
PXAccumPrev_Cnt_M_u32[1]	171726820		
PXAccumPrev_Cnt_M_u32[2]	515671997		
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	1385148928		
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	162418688		
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	4265065984		
Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	0	0	✔
PXAccumPrev_Cnt_M_u32[0]	173143616	173143616	✔
PXAccumPrev_Cnt_M_u32[1]	20302336	20302336	✔
PXAccumPrev_Cnt_M_u32[2]	533133248	533133248	✔
Rte_Task_2ms_10.Rte_TB.Rte_I_CDDInterface_SysCVSwitchADC_Cnt_u16.value	1867	1867	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	1.35637999	1.35637999	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	2.78397012	2.78397012	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.660000026	0.660000026	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.660003662	0.66000402 ± 0.0000152587890625	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	1543	1543	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	536	536	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	648	648	✔



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Name	Actual Value	Expected Value	Result
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_LRPRF	0	0	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	123843810	123843810	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	385446428	385446428	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	17461251	17461251	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	0.660003662	0.66000402 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	648188276	648188276	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Modl	0.489227295	0.489226997 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	79.5999985	79.5999985	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	215.839996	215.839996	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	-64	-64	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	155.233994	155.233994	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	32.0499992	32.0499992	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	2.68993998	2.68993998	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	2.57774997	2.57774997	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_SysCC	0.660003662	0.66000402 ± 0.0000152587890625	✓

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

Test Step 2.62 (Repeat Count = 1)	
Name	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16	0
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	0.124399997
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.124495998
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	8153
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	8159
CDD_CumMechMtrPos_Rev_s15p16[0]	8153
CDD_CumMechMtrPos_Rev_s15p16[1]	8159
CDD_Die1RxError_Cnt_G_u16[0]	134
CDD_Die1RxError_Cnt_G_u16[1]	157
CDD_Die1RxMtrPos_Cnt_G_u16[0]	134
CDD_Die1RxMtrPos_Cnt_G_u16[1]	157
CDD_Die1RxRevCtr_Cnt_G_u16[0]	134
CDD_Die1RxRevCtr_Cnt_G_u16[1]	157
CDD_Die1UnderVltgFltAccum_Cnt_G_u16[0]	134
CDD_Die1UnderVltgFltAccum_Cnt_G_u16[1]	157
CDD_Die2RxError_Cnt_G_u16[0]	134
CDD_Die2RxError_Cnt_G_u16[1]	157
CDD_Die2RxMtrPos_Cnt_G_u16[0]	134
CDD_Die2RxMtrPos_Cnt_G_u16[1]	157
CDD_Die2RxRevCtr_Cnt_G_u16[0]	134
CDD_Die2RxRevCtr_Cnt_G_u16[1]	157
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	1204171193
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	1084180652
CDD_MechMtrPos1_Rev_G_u0p16[0]	8153
CDD_MechMtrPos1_Rev_G_u0p16[1]	8159
CDD_ModlIdxFinal_Uls_G_u16p16[0]	21787
CDD_ModlIdxFinal_Uls_G_u16p16[1]	18953
CDD_MtrCurr1_Volts_G_f32[0]	0.880473018
CDD_MtrCurr1_Volts_G_f32[1]	0.353206992
CDD_MtrCurr2_Volts_G_f32[0]	2.14969993
CDD_MtrCurr2_Volts_G_f32[1]	2.97049999
CDD_MtrCurrDax_Amp_G_f32[0]	65.8199997
CDD_MtrCurrDax_Amp_G_f32[1]	82.3399963
CDD_MtrCurrK1_Amps_G_f32[0]	10.25
CDD_MtrCurrK1_Amps_G_f32[1]	15.3599997
CDD_MtrCurrK2_Amps_G_f32[0]	75.5
CDD_MtrCurrK2_Amps_G_f32[1]	83.8000031
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	-87.8199997
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	-69.1600037
CDD_MtrCurrQax_Amp_G_f32[0]	-168.791
CDD_MtrCurrQax_Amp_G_f32[1]	-159.533997
CDD_MtrVoltDax_Volt_G_f32[0]	0.800000012
CDD_MtrVoltDax_Volt_G_f32[1]	0.899999976
CDD_MtrVoltQax_Volt_G_f32[0]	3.29149008
CDD_MtrVoltQax_Volt_G_f32[1]	4.89183998
CDD_PWMDDutyCycleASum_Cnt_G_u32[0]	1510
CDD_PWMDDutyCycleASum_Cnt_G_u32[1]	1730
CDD_PWMDDutyCycleBSum_Cnt_G_u32[0]	254

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Name	Input Value
CDD_PWMDDutyCycleBSum_Cnt_G_u32[1]	592
CDD_PWMDDutyCycleCSum_Cnt_G_u32[0]	270
CDD_PWMDDutyCycleCSum_Cnt_G_u32[1]	704
CDD_PhaseAdvFinal_Cnt_G_u16[0]	5019
CDD_PhaseAdvFinal_Cnt_G_u16[1]	7153
CDD_RxMtrPosParityAccum_Cnt_G_u16[0]	134
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	157
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	8153
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	8159
CDD_SysCVSwitchADC_Cnt_G_u16[0]	3421
CDD_SysCVSwitchADC_Cnt_G_u16[1]	429
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	8153
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	8159
PXAccumPrev_Cnt_M_u32[0]	193047917
PXAccumPrev_Cnt_M_u32[1]	366334460
PXAccumPrev_Cnt_M_u32[2]	344633323
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	3778522368
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	64213760
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	1567590656

Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	1	1	✓
PXAccumPrev_Cnt_M_u32[0]	472315296	472315296	✓
PXAccumPrev_Cnt_M_u32[1]	8026720	8026720	✓
PXAccumPrev_Cnt_M_u32[2]	195948832	195948832	✓
Rte_Task_2ms_10.Rte_TB.Rte_I_CDDInterface_SysCVSwitchADC_Cnt_u16.value	3421	3421	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	0.880473018	0.880473018	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	2.14969993	2.14969993	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.124399997	0.124399997	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.124404907	0.124404997 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	1510	1510	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	254	254	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	270	270	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_LRPRF	470	470	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	279267379	279267379	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	178563172	178563172	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	388186421	388186421	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	0.124404907	0.124404997 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	1204171193	1204171193	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Modldx	0.332443237	0.332442999 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	65.8199997	65.8199997	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	10.25	10.25	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	75.5	75.5	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	-168.791	-168.791	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	-87.8199997	-87.8199997	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	0.800000012	0.800000012	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	3.29149008	3.29149008	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_SysCC	0.124404907	0.124404997 ± 0.0000152587890625	✓

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
CDDPorts_ClearPhsReasSum	1	CDDPorts_ClearPhsReasSum	1	✓

## Test Step 2.63 (Repeat Count = 1)

Name	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16	1
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	0.246597007
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.246700004
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	16161
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	16168
CDD_CumMechMtrPos_Rev_s15p16[0]	16161
CDD_CumMechMtrPos_Rev_s15p16[1]	16168
CDD_Die1RxError_Cnt_G_u16[0]	142
CDD_Die1RxError_Cnt_G_u16[1]	158
CDD_Die1RxMtrPos_Cnt_G_u16[0]	142
CDD_Die1RxMtrPos_Cnt_G_u16[1]	158
CDD_Die1RxRevCtr_Cnt_G_u16[0]	142
CDD_Die1RxRevCtr_Cnt_G_u16[1]	158
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	142
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]	158
CDD_Die2RxError_Cnt_G_u16[0]	142

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Name	Input Value
CDD_Die2RxError_Cnt_G_u16[1]	158
CDD_Die2RxMtrPos_Cnt_G_u16[0]	142
CDD_Die2RxMtrPos_Cnt_G_u16[1]	158
CDD_Die2RxRevCtr_Cnt_G_u16[0]	142
CDD_Die2RxRevCtr_Cnt_G_u16[1]	158
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	2429702552
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	3674751938
CDD_MechMtrPos1_Rev_G_u0p16[0]	0
CDD_MechMtrPos1_Rev_G_u0p16[1]	0
CDD_ModIdxFinal_Uls_G_u16p16[0]	6291
CDD_ModIdxFinal_Uls_G_u16p16[1]	8826
CDD_MtrCurr1_Volts_G_f32[0]	1.84987998
CDD_MtrCurr1_Volts_G_f32[1]	0.164651006
CDD_MtrCurr2_Volts_G_f32[0]	0.00497152982
CDD_MtrCurr2_Volts_G_f32[1]	4.63691998
CDD_MtrCurrDax_Amp_G_f32[0]	67.4899979
CDD_MtrCurrDax_Amp_G_f32[1]	85.0800018
CDD_MtrCurrK1_Amps_G_f32[0]	25.3600006
CDD_MtrCurrK1_Amps_G_f32[1]	35.8899994
CDD_MtrCurrK2_Amps_G_f32[0]	50
CDD_MtrCurrK2_Amps_G_f32[1]	60
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	70.8300018
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	90.5599976
CDD_MtrCurrQax_Amp_G_f32[0]	192.830994
CDD_MtrCurrQax_Amp_G_f32[1]	203.834
CDD_MtrVoltDax_Volt_G_f32[0]	1.65999997
CDD_MtrVoltDax_Volt_G_f32[1]	2.67000008
CDD_MtrVoltQax_Volt_G_f32[0]	1.94620001
CDD_MtrVoltQax_Volt_G_f32[1]	1.93706
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]	6567
CDD_PWMdutyCycleCSum_Cnt_G_u32[1]	8910
CDD_PhaseAdvFinal_Cnt_G_u16[0]	142
CDD_PhaseAdvFinal_Cnt_G_u16[1]	158
CDD_RxMtrPosParityAccum_Cnt_G_u16[0]	142
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	158
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	16161
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	16168
CDD_SysCVSwitchADC_Cnt_G_u16[0]	2255
CDD_SysCVSwitchADC_Cnt_G_u16[1]	1813
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	16161
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	16168
PXAccumPrev_Cnt_M_u32[0]	428942087
PXAccumPrev_Cnt_M_u32[1]	500114554
PXAccumPrev_Cnt_M_u32[2]	29434993
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	3807099904
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	2200914432
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	2964596736

Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	0	0	✔
PXAccumPrev_Cnt_M_u32[0]	475887488	475887488	✔
PXAccumPrev_Cnt_M_u32[1]	275114304	275114304	✔
PXAccumPrev_Cnt_M_u32[2]	370574592	370574592	✔
Rte_Task_2ms_10.Rte_TB.Rte_I_CDDInterface_SysCVSwitchADC_Cnt_u16.value	1813	1813	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	0.164651006	0.164651006	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	4.63691998	4.63691998	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.246700004	0.246700004	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.246704102	0.246703997 ± 0.0000152587890625	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	1917	1917	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	648	648	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	8910	8910	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_LRPRF	14	14	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	46945401	46945401	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	311870662	311870662	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	341139599	341139599	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	0	0 ± 0.0000152587890625	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	3674751938	3674751938	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ModIdx	0.134674072	0.134673998 ± 0.0000152587890625	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	85.0800018	85.0800018	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	35.8899994	35.8899994	✔

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Name	Actual Value	Expected Value	Result
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCurr	60	60	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCurr	203.834	203.834	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCurr	90.5599976	90.5599976	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	2.67000008	2.67000008	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	1.93706	1.93706	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_SysCC	0.246704102	0.246703997 ± 0.0000152587890625	✓

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	0
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	0.31329301
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.3134
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	20532
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	20539
CDD_CumMechMtrPos_Rev_s15p16[0]	20532
CDD_CumMechMtrPos_Rev_s15p16[1]	20539
CDD_Die1RxError_Cnt_G_u16[0]	150
CDD_Die1RxError_Cnt_G_u16[1]	159
CDD_Die1RxMtrPos_Cnt_G_u16[0]	150
CDD_Die1RxMtrPos_Cnt_G_u16[1]	159
CDD_Die1RxRevCtr_Cnt_G_u16[0]	150
CDD_Die1RxRevCtr_Cnt_G_u16[1]	159
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	150
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]	159
CDD_Die2RxError_Cnt_G_u16[0]	150
CDD_Die2RxError_Cnt_G_u16[1]	159
CDD_Die2RxMtrPos_Cnt_G_u16[0]	150
CDD_Die2RxMtrPos_Cnt_G_u16[1]	159
CDD_Die2RxRevCtr_Cnt_G_u16[0]	150
CDD_Die2RxRevCtr_Cnt_G_u16[1]	159
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	3490774830
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	2224999666
CDD_MechMtrPos1_Rev_G_u0p16[0]	65535
CDD_MechMtrPos1_Rev_G_u0p16[1]	65535
CDD_ModIdxFinal_Uls_G_u16p16[0]	52062
CDD_ModIdxFinal_Uls_G_u16p16[1]	43876
CDD_MtrCurr1_Volts_G_f32[0]	1.68606997
CDD_MtrCurr1_Volts_G_f32[1]	3.14083004
CDD_MtrCurr2_Volts_G_f32[0]	2.9391799
CDD_MtrCurr2_Volts_G_f32[1]	2.46976995
CDD_MtrCurrDax_Amp_G_f32[0]	-87.8199997
CDD_MtrCurrDax_Amp_G_f32[1]	-69.1600037
CDD_MtrCurrK1_Amps_G_f32[0]	40.4700012
CDD_MtrCurrK1_Amps_G_f32[1]	56.4199982
CDD_MtrCurrK2_Amps_G_f32[0]	55.7999992
CDD_MtrCurrK2_Amps_G_f32[1]	65.9000015
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	72.5
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	93.2900009
CDD_MtrCurrQax_Amp_G_f32[0]	141.156998
CDD_MtrCurrQax_Amp_G_f32[1]	151.380005
CDD_MtrVoltDax_Volt_G_f32[0]	1.66999996
CDD_MtrVoltDax_Volt_G_f32[1]	2.68000007
CDD_MtrVoltQax_Volt_G_f32[0]	3.75345993
CDD_MtrVoltQax_Volt_G_f32[1]	1.33732998
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]	7688
CDD_PWMdutyCycleCSum_Cnt_G_u32[1]	9097
CDD_PhaseAdvFinal_Cnt_G_u16[0]	150
CDD_PhaseAdvFinal_Cnt_G_u16[1]	159
CDD_RxMtrPosParityAccum_Cnt_G_u16[0]	150
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	159
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	20532
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	20539

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Name	Input Value		
CDD_SysCVSwitchADC_Cnt_G_u16[0]	2855		
CDD_SysCVSwitchADC_Cnt_G_u16[1]	2917		
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	20532		
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	20539		
PXAccumPrev_Cnt_M_u32[0]	526299438		
PXAccumPrev_Cnt_M_u32[1]	241243063		
PXAccumPrev_Cnt_M_u32[2]	119253171		
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	2227932928		
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	3954763008		
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	337791744		
Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	1	1	✓
PXAccumPrev_Cnt_M_u32[0]	278491616	278491616	✓
PXAccumPrev_Cnt_M_u32[1]	494345376	494345376	✓
PXAccumPrev_Cnt_M_u32[2]	42223968	42223968	✓
Rte_Task_2ms_10.Rte_TB.Rte_I_CDDInterface_SysCVSwitchADC_Cnt_u16.value	2855	2855	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCMt	1.68606997	1.68606997	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCMt	2.9391799	2.9391799	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrMt	0.31329301	0.31329301	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrMt	0.313293457	0.31329301 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	1752	1752	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	270	270	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	7688	7688	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_LRPRF	14	14	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	289063090	289063090	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	253102313	253102313	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	459841709	459841709	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	0.999984741	0.99998498 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	3490774830	3490774830	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Modidx	0.794403076	0.794403017 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	-87.8199997	-87.8199997	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	40.4700012	40.4700012	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	55.7999992	55.7999992	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	141.156998	141.156998	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	72.5	72.5	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	1.66999996	1.66999996	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	3.75345993	3.75345993	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_SysCC	0.313293457	0.31329301 ± 0.0000152587890625	✓

## Test Step Call Trace

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]	0.412093997
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.412200004
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	27007
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	27014
CDD_CumMechMtrPos_Rev_s15p16[0]	27007
CDD_CumMechMtrPos_Rev_s15p16[1]	27014
CDD_Die1RxError_Cnt_G_u16[0]	158
CDD_Die1RxError_Cnt_G_u16[1]	160
CDD_Die1RxMtrPos_Cnt_G_u16[0]	158
CDD_Die1RxMtrPos_Cnt_G_u16[1]	160
CDD_Die1RxRevCtr_Cnt_G_u16[0]	158
CDD_Die1RxRevCtr_Cnt_G_u16[1]	160
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	158
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]	160
CDD_Die2RxError_Cnt_G_u16[0]	158
CDD_Die2RxError_Cnt_G_u16[1]	160
CDD_Die2RxMtrPos_Cnt_G_u16[0]	158
CDD_Die2RxMtrPos_Cnt_G_u16[1]	160
CDD_Die2RxRevCtr_Cnt_G_u16[0]	158
CDD_Die2RxRevCtr_Cnt_G_u16[1]	160
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	3490774831
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	2224999667
CDD_MechMtrPos1_Rev_G_u0p16[0]	24176
CDD_MechMtrPos1_Rev_G_u0p16[1]	24183

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Name	Input Value		
CDD_ModIdxFinal_Uls_G_u16p16[0]	37888		
CDD_ModIdxFinal_Uls_G_u16p16[1]	41726		
CDD_MtrCurr1_Volts_G_f32[0]	0.725051999		
CDD_MtrCurr1_Volts_G_f32[1]	2.97843003		
CDD_MtrCurr2_Volts_G_f32[0]	4.71992016		
CDD_MtrCurr2_Volts_G_f32[1]	1.07879996		
CDD_MtrCurrDax_Amp_G_f32[0]	70.8300018		
CDD_MtrCurrDax_Amp_G_f32[1]	90.5599976		
CDD_MtrCurrK1_Amps_G_f32[0]	55.5800018		
CDD_MtrCurrK1_Amps_G_f32[1]	76.9499969		
CDD_MtrCurrK2_Amps_G_f32[0]	-68.6399994		
CDD_MtrCurrK2_Amps_G_f32[1]	-57.4700012		
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	74.1699982		
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	96.0390015		
CDD_MtrCurrQax_Amp_G_f32[0]	55.5800018		
CDD_MtrCurrQax_Amp_G_f32[1]	76.9499969		
CDD_MtrVoltDax_Volt_G_f32[0]	1.67999995		
CDD_MtrVoltDax_Volt_G_f32[1]	2.68993998		
CDD_MtrVoltQax_Volt_G_f32[0]	0.844430029		
CDD_MtrVoltQax_Volt_G_f32[1]	4.14740992		
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_RxMtrPosParityAccum_Cnt_G_u16[0]	158		
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	160		
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	27007		
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	27014		
CDD_SysCVSwitchADC_Cnt_G_u16[0]	2612		
CDD_SysCVSwitchADC_Cnt_G_u16[1]	148		
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	27007		
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	27014		
PXAccumPrev_Cnt_M_u32[0]	298154651		
PXAccumPrev_Cnt_M_u32[1]	174186286		
PXAccumPrev_Cnt_M_u32[2]	80774490		
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	2587366912		
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	1850217472		
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	3257131520		
Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	1	1	✓
PXAccumPrev_Cnt_M_u32[0]	323420864	323420864	✓
PXAccumPrev_Cnt_M_u32[1]	231277184	231277184	✓
PXAccumPrev_Cnt_M_u32[2]	407141440	407141440	✓
Rte_Task_2ms_10.Rte_TB.Rte_I_CDDInterface_SysCVSwitchADC_Cnt_u16.value	2612	2612	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	0.725051999	0.725051999	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	4.71992016	4.71992016	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.412093997	0.412093997	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.412094116	0.412093997 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	1873	1873	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	278	278	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	4656	4656	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_LRPRF	14	14	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	25266213	25266213	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	57090898	57090898	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	326366950	326366950	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	0.368896484	0.368896008 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	3490774831	3490774831	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ModIdx	0.578125	0.578125 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	70.8300018	70.8300018	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	55.5800018	55.5800018	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	-68.6399994	-68.6399994	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	55.5800018	55.5800018	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	74.1699982	74.1699982	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	1.67999995	1.67999995	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	0.844430029	0.844430029	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_SvsCC	0.412094116	0.412093997 ± 0.0000152587890625	✓



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CDDInterface\_Per1



## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
CDDPorts_ClearPhsReasSum	1	CDDPorts_ClearPhsReasSum	1	✓

## Test Step 2.66 (Repeat Count = 1)

Name	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16	0
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	0.524093986
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.524200022
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	34347
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	34354
CDD_CumMechMtrPos_Rev_s15p16[0]	34347
CDD_CumMechMtrPos_Rev_s15p16[1]	34354
CDD_Die1RxError_Cnt_G_u16[0]	166
CDD_Die1RxError_Cnt_G_u16[1]	168
CDD_Die1RxMtrPos_Cnt_G_u16[0]	166
CDD_Die1RxMtrPos_Cnt_G_u16[1]	168
CDD_Die1RxRevCtr_Cnt_G_u16[0]	166
CDD_Die1RxRevCtr_Cnt_G_u16[1]	168
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	166
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]	168
CDD_Die2RxError_Cnt_G_u16[0]	166
CDD_Die2RxError_Cnt_G_u16[1]	168
CDD_Die2RxMtrPos_Cnt_G_u16[0]	166
CDD_Die2RxMtrPos_Cnt_G_u16[1]	168
CDD_Die2RxRevCtr_Cnt_G_u16[0]	166
CDD_Die2RxRevCtr_Cnt_G_u16[1]	168
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	0
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	0
CDD_MechMtrPos1_Rev_G_u0p16[0]	34347
CDD_MechMtrPos1_Rev_G_u0p16[1]	34354
CDD_ModIdxFinal_Uls_G_u16p16[0]	5067
CDD_ModIdxFinal_Uls_G_u16p16[1]	56860
CDD_MtrCurr1_Volts_G_f32[0]	1.93650997
CDD_MtrCurr1_Volts_G_f32[1]	0.517974019
CDD_MtrCurr2_Volts_G_f32[0]	3.24345994
CDD_MtrCurr2_Volts_G_f32[1]	1.31008995
CDD_MtrCurrDax_Amp_G_f32[0]	72.5
CDD_MtrCurrDax_Amp_G_f32[1]	93.2900009
CDD_MtrCurrK1_Amps_G_f32[0]	-97.4800034
CDD_MtrCurrK1_Amps_G_f32[1]	-70.6900024
CDD_MtrCurrK2_Amps_G_f32[0]	59.1399994
CDD_MtrCurrK2_Amps_G_f32[1]	71.3799973
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	-74
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	-64
CDD_MtrCurrQax_Amp_G_f32[0]	-97.4800034
CDD_MtrCurrQax_Amp_G_f32[1]	-70.6900024
CDD_MtrVoltDax_Volt_G_f32[0]	1.68993998
CDD_MtrVoltDax_Volt_G_f32[1]	2.69994998
CDD_MtrVoltQax_Volt_G_f32[0]	1.99438
CDD_MtrVoltQax_Volt_G_f32[1]	1.03960001
CDD_PWMDDutyCycleASum_Cnt_G_u32[0]	1994
CDD_PWMDDutyCycleASum_Cnt_G_u32[1]	2478
CDD_PWMDDutyCycleBSum_Cnt_G_u32[0]	286
CDD_PWMDDutyCycleBSum_Cnt_G_u32[1]	816
CDD_PWMDDutyCycleCSum_Cnt_G_u32[0]	4777
CDD_PWMDDutyCycleCSum_Cnt_G_u32[1]	6779
CDD_PhaseAdvFinal_Cnt_G_u16[0]	166
CDD_PhaseAdvFinal_Cnt_G_u16[1]	168
CDD_RxMtrPosParityAccum_Cnt_G_u16[0]	166
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	168
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	34347
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	34354
CDD_SysCVSwitchADC_Cnt_G_u16[0]	304
CDD_SysCVSwitchADC_Cnt_G_u16[1]	2382
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	34347
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	34354
PXAccumPrev_Cnt_M_u32[0]	356353481
PXAccumPrev_Cnt_M_u32[1]	380058677
PXAccumPrev_Cnt_M_u32[2]	140053093

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CDDInterface\_Per1

Name	Input Value		
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	2563670272		
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	1645643520		
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	1597709568		
Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	1	1	✓
PXAccumPrev_Cnt_M_u32[0]	320458784	320458784	✓
PXAccumPrev_Cnt_M_u32[1]	205705440	205705440	✓
PXAccumPrev_Cnt_M_u32[2]	199713696	199713696	✓
Rte_Task_2ms_10.Rte_TB.Rte_I_CDDInterface_SysCVSwitchADC_Cnt_u16.value	304	304	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	1.93650997	1.93650997	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	3.24345994	3.24345994	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.524093986	0.524093986	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.524093628	0.524093986 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	1994	1994	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	286	286	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	4777	4777	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_LRPRF	15	15	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	500976215	500976215	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	362517675	362517675	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	59660603	59660603	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	0.524093628	0.524093986 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	0	0	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Modl	0.0773162842	0.0773162991 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	72.5	72.5	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	-97.4800034	-97.4800034	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	59.1399994	59.1399994	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	-97.4800034	-97.4800034	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	-74	-74	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	1.68993998	1.68993998	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	1.99438	1.99438	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_SysCC	0.524093628	0.524093986 ± 0.0000152587890625	✓

Test Step Call Trace				
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	0
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	0.166099995
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.166198999
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	10886
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	10892
CDD_CumMechMtrPos_Rev_s15p16[0]	10886
CDD_CumMechMtrPos_Rev_s15p16[1]	10892
CDD_Die1RxError_Cnt_G_u16[0]	174
CDD_Die1RxError_Cnt_G_u16[1]	176
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_Die1UnderVltgFltAccum_Cnt_G_u16[0]	174
CDD_Die1UnderVltgFltAccum_Cnt_G_u16[1]	176
CDD_Die2RxError_Cnt_G_u16[0]	174
CDD_Die2RxError_Cnt_G_u16[1]	176
CDD_Die2RxMtrPos_Cnt_G_u16[0]	174
CDD_Die2RxMtrPos_Cnt_G_u16[1]	176
CDD_Die2RxRevCtr_Cnt_G_u16[0]	174
CDD_Die2RxRevCtr_Cnt_G_u16[1]	176
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	4294967295
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	4294967295
CDD_MechMtrPos1_Rev_G_u0p16[0]	10886
CDD_MechMtrPos1_Rev_G_u0p16[1]	10892
CDD_ModlxFinal_Uls_G_u16p16[0]	31386
CDD_ModlxFinal_Uls_G_u16p16[1]	65050
CDD_MtrCurr1_Volts_G_f32[0]	2.73024988
CDD_MtrCurr1_Volts_G_f32[1]	0.15997
CDD_MtrCurr2_Volts_G_f32[0]	2.67213011
CDD_MtrCurr2_Volts_G_f32[1]	3.8515799
CDD_MtrCurrDax_Amp_G_f32[0]	-21.9099998



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Name	Input Value
CDD_MtrCurrDax_Amp_G_f32[1]	-23.5400009
CDD_MtrCurrK1_Amps_G_f32[0]	-118.010002
CDD_MtrCurrK1_Amps_G_f32[1]	-85.8000031
CDD_MtrCurrK2_Amps_G_f32[0]	60.8100014
CDD_MtrCurrK2_Amps_G_f32[1]	74.1200027
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	75.5
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	83.8000031
CDD_MtrCurrQax_Amp_G_f32[0]	-118.010002
CDD_MtrCurrQax_Amp_G_f32[1]	-85.8000031
CDD_MtrVoltDax_Volt_G_f32[0]	1.69994998
CDD_MtrVoltDax_Volt_G_f32[1]	2.70995998
CDD_MtrVoltQax_Volt_G_f32[0]	4.91111994
CDD_MtrVoltQax_Volt_G_f32[1]	4.31812
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_RxMtrPosParityAccum_Cnt_G_u16[0]	174
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	176
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	10886
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	10892
CDD_SysCVSwitchADC_Cnt_G_u16[0]	433
CDD_SysCVSwitchADC_Cnt_G_u16[1]	3042
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	10886
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	10892
PXAccumPrev_Cnt_M_u32[0]	444954757
PXAccumPrev_Cnt_M_u32[1]	259338437
PXAccumPrev_Cnt_M_u32[2]	480199759
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	1349992448
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	70725120
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	44133376

Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	1	1	✓
PXAccumPrev_Cnt_M_u32[0]	168749056	168749056	✓
PXAccumPrev_Cnt_M_u32[1]	8840640	8840640	✓
PXAccumPrev_Cnt_M_u32[2]	5516672	5516672	✓
Rte_Task_2ms_10.Rte_TB.Rte_I_CDDInterface_SysCVSwitchADC_Cnt_u16.value	433	433	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	2.73024988	2.73024988	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	2.67213011	2.67213011	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.166099995	0.166099995	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.166107178	0.166106999 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	2115	2115	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	3204	3204	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	4898	4898	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_LRPRF	16	16	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	260665211	260665211	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	286373115	286373115	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	62187825	62187825	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	0.166107178	0.166106999 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	4294967295	4294967295	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Modl	0.478912354	0.478911996 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	-21.9099998	-21.9099998	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	-118.010002	-118.010002	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	60.8100014	60.8100014	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	-118.010002	-118.010002	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	75.5	75.5	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	1.69994998	1.69994998	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	4.91111994	4.91111994	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_SysCC	0.166107178	0.166106999 ± 0.0000152587890625	✓

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

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Test Step 2.68 (Repeat Count = 1)				✔
Name		Input Value		
CDD_CDDDataAccessBfr_Cnt_G_u16		0		
CDD_CorrMtrCurrPosition_Rev_G_f32[0]		0.2324		
CDD_CorrMtrCurrPosition_Rev_G_f32[1]		0.232498005		
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]		15231		
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]		15237		
CDD_CumMechMtrPos_Rev_s15p16[0]		15231		
CDD_CumMechMtrPos_Rev_s15p16[1]		15237		
CDD_Die1RxError_Cnt_G_u16[0]		214		
CDD_Die1RxError_Cnt_G_u16[1]		312		
CDD_Die1RxMtrPos_Cnt_G_u16[0]		214		
CDD_Die1RxMtrPos_Cnt_G_u16[1]		312		
CDD_Die1RxRevCtr_Cnt_G_u16[0]		214		
CDD_Die1RxRevCtr_Cnt_G_u16[1]		312		
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]		214		
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]		312		
CDD_Die2RxError_Cnt_G_u16[0]		214		
CDD_Die2RxError_Cnt_G_u16[1]		312		
CDD_Die2RxMtrPos_Cnt_G_u16[0]		214		
CDD_Die2RxMtrPos_Cnt_G_u16[1]		312		
CDD_Die2RxRevCtr_Cnt_G_u16[0]		214		
CDD_Die2RxRevCtr_Cnt_G_u16[1]		312		
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]		1887302325		
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]		2184289180		
CDD_MechMtrPos1_Rev_G_u0p16[0]		15231		
CDD_MechMtrPos1_Rev_G_u0p16[1]		15237		
CDD_ModlxdFinal_Uls_G_u16p16[0]		60211		
CDD_ModlxdFinal_Uls_G_u16p16[1]		24699		
CDD_MtrCurr1_Volts_G_f32[0]		0.135570005		
CDD_MtrCurr1_Volts_G_f32[1]		1.36804998		
CDD_MtrCurr2_Volts_G_f32[0]		0.943122983		
CDD_MtrCurr2_Volts_G_f32[1]		1.24360001		
CDD_MtrCurrDax_Amp_G_f32[0]		-22.6900005		
CDD_MtrCurrDax_Amp_G_f32[1]		-24.7600002		
CDD_MtrCurrK1_Amps_G_f32[0]		100.910004		
CDD_MtrCurrK1_Amps_G_f32[1]		138.539993		
CDD_MtrCurrK2_Amps_G_f32[0]		-76.8600006		
CDD_MtrCurrK2_Amps_G_f32[1]		-62.4799995		
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]		50		
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]		60		
CDD_MtrCurrQax_Amp_G_f32[0]		100.910004		
CDD_MtrCurrQax_Amp_G_f32[1]		138.539993		
CDD_MtrVoltDax_Volt_G_f32[0]		1.70995998		
CDD_MtrVoltDax_Volt_G_f32[1]		2.71996999		
CDD_MtrVoltQax_Volt_G_f32[0]		1.16703999		
CDD_MtrVoltQax_Volt_G_f32[1]		0.208173007		
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_RxMtrPosParityAccum_Cnt_G_u16[0]		214		
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]		312		
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]		15231		
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]		15237		
CDD_SysCVSwitchADC_Cnt_G_u16[0]		4079		
CDD_SysCVSwitchADC_Cnt_G_u16[1]		253		
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]		15231		
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]		15237		
PXAccumPrev_Cnt_M_u32[0]		473720317		
PXAccumPrev_Cnt_M_u32[1]		283789051		
PXAccumPrev_Cnt_M_u32[2]		205228082		
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word		3208184576		
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word		3576772864		
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word		1483374336		
Name	Actual Value	Expected Value	Result	
CDD_CDDDataAccessBfr_Cnt_G_u16	1	1	✔	
PXAccumPrev_Cnt_M_u32[0]	401023072	401023072	✔	
PXAccumPrev_Cnt_M_u32[1]	447096608	447096608	✔	

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Name	Actual Value	Expected Value	Result
PXAccumPrev_Cnt_M_u32[2]	185421792	185421792	✓
Rte_Task_2ms_10.Rte_TB.Rte_I_CDDInterface_SysCVSwitchADC_Cnt_u16.value	4079	4079	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCMt	0.135570005	0.135570005	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCMt	0.943122983	0.943122983	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrMt	0.2324	0.2324	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrMt	0.232406616	0.232407004 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	2236	2236	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	3325	3325	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	5019	5019	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_LRPRF	20	20	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measui	464173667	464173667	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measui	163307557	163307557	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measui	517064622	517064622	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	0.232406616	0.232407004 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	1887302325	1887302325	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Modlxd	0.918746948	0.918747008 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCurr	-22.6900005	-22.6900005	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCurr	100.910004	100.910004	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCurr	-76.8600006	-76.8600006	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCurr	100.910004	100.910004	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCurr	50	50	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	1.70995998	1.70995998	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	1.16703999	1.16703999	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_SysCC	0.232406616	0.232407004 ± 0.0000152587890625	✓

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	0
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	0.369094998
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.369199991
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	24189
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	24196
CDD_CumMechMtrPos_Rev_s15p16[0]	24189
CDD_CumMechMtrPos_Rev_s15p16[1]	24196
CDD_Die1RxError_Cnt_G_u16[0]	222
CDD_Die1RxError_Cnt_G_u16[1]	368
CDD_Die1RxMtrPos_Cnt_G_u16[0]	222
CDD_Die1RxMtrPos_Cnt_G_u16[1]	368
CDD_Die1RxRevCtr_Cnt_G_u16[0]	222
CDD_Die1RxRevCtr_Cnt_G_u16[1]	368
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	222
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]	368
CDD_Die2RxError_Cnt_G_u16[0]	222
CDD_Die2RxError_Cnt_G_u16[1]	368
CDD_Die2RxMtrPos_Cnt_G_u16[0]	222
CDD_Die2RxMtrPos_Cnt_G_u16[1]	368
CDD_Die2RxRevCtr_Cnt_G_u16[0]	222
CDD_Die2RxRevCtr_Cnt_G_u16[1]	368
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	1354224867
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	3669191344
CDD_MechMtrPos1_Rev_G_u0p16[0]	24189
CDD_MechMtrPos1_Rev_G_u0p16[1]	24196
CDD_ModlxdFinal_Uls_G_u16p16[0]	0
CDD_ModlxdFinal_Uls_G_u16p16[1]	0
CDD_MtrCurr1_Volts_G_f32[0]	4.93157005
CDD_MtrCurr1_Volts_G_f32[1]	2.61624002
CDD_MtrCurr2_Volts_G_f32[0]	1.96502995
CDD_MtrCurr2_Volts_G_f32[1]	0.342905998
CDD_MtrCurrDax_Amp_G_f32[0]	25.9799995
CDD_MtrCurrDax_Amp_G_f32[1]	23.4699993
CDD_MtrCurrK1_Amps_G_f32[0]	116.019997
CDD_MtrCurrK1_Amps_G_f32[1]	159.070007
CDD_MtrCurrK2_Amps_G_f32[0]	64.1500015
CDD_MtrCurrK2_Amps_G_f32[1]	79.5999985
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	55.7999992
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	65.9000015

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Name	Input Value
CDD_MtrCurrQax_Amp_G_f32[0]	116.019997
CDD_MtrCurrQax_Amp_G_f32[1]	159.070007
CDD_MtrVoltDax_Volt_G_f32[0]	1.50999999
CDD_MtrVoltDax_Volt_G_f32[1]	2.51999998
CDD_MtrVoltQax_Volt_G_f32[0]	0.444765002
CDD_MtrVoltQax_Volt_G_f32[1]	0.930189013
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_RxMtrPosParityAccum_Cnt_G_u16[0]	222
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	368
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	24189
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	24196
CDD_SysCVSwitchADC_Cnt_G_u16[0]	1467
CDD_SysCVSwitchADC_Cnt_G_u16[1]	2790
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	24189
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	24196
PXAccumPrev_Cnt_M_u32[0]	274210886
PXAccumPrev_Cnt_M_u32[1]	395234292
PXAccumPrev_Cnt_M_u32[2]	370911361
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	2713696768
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	2888767488
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	2266711552

Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	1	1	✓
PXAccumPrev_Cnt_M_u32[0]	339212096	339212096	✓
PXAccumPrev_Cnt_M_u32[1]	361095936	361095936	✓
PXAccumPrev_Cnt_M_u32[2]	283338944	283338944	✓
Rte_Task_2ms_10.Rte_TB.Rte_I_CDDInterface_SysCVSwitchADC_Cnt_u16.value	1467	1467	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	4.93157005	4.93157005	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	1.96502995	1.96502995	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.369094998	0.369094998	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.369094849	0.369094998 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	2357	2357	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	3446	3446	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	5140	5140	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_LRPRF	20	20	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	65001210	65001210	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	502732556	502732556	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	449298495	449298495	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	0.369094849	0.369094998 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	1354224867	1354224867	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Modlcl	0	0 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	25.9799995	25.9799995	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	116.019997	116.019997	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	64.1500015	64.1500015	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	116.019997	116.019997	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	55.7999992	55.7999992	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	1.50999999	1.50999999	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	0.444765002	0.444765002	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_SysCC	0.369094849	0.369094998 ± 0.0000152587890625	✓

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
CDDPorts_ClearPhsReasSum	1	CDDPorts_ClearPhsReasSum	1	✓

## Test Step 2.70 (Repeat Count = 1)

Name	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16	1
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	0.490399987
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.490494013
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	32139
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	32145
CDD_CumMechMtrPos_Rev_s15p16[0]	32139
CDD_CumMechMtrPos_Rev_s15p16[1]	32145

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Name	Input Value		
CDD_Die1RxError_Cnt_G_u16[0]	230		
CDD_Die1RxError_Cnt_G_u16[1]	424		
CDD_Die1RxMtrPos_Cnt_G_u16[0]	230		
CDD_Die1RxMtrPos_Cnt_G_u16[1]	424		
CDD_Die1RxRevCtr_Cnt_G_u16[0]	230		
CDD_Die1RxRevCtr_Cnt_G_u16[1]	424		
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	230		
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]	424		
CDD_Die2RxError_Cnt_G_u16[0]	230		
CDD_Die2RxError_Cnt_G_u16[1]	424		
CDD_Die2RxMtrPos_Cnt_G_u16[0]	230		
CDD_Die2RxMtrPos_Cnt_G_u16[1]	424		
CDD_Die2RxRevCtr_Cnt_G_u16[0]	230		
CDD_Die2RxRevCtr_Cnt_G_u16[1]	424		
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	3940513946		
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	3615687314		
CDD_MechMtrPos1_Rev_G_u0p16[0]	32139		
CDD_MechMtrPos1_Rev_G_u0p16[1]	32145		
CDD_ModIdxFinal_Uls_G_u16p16[0]	65536		
CDD_ModIdxFinal_Uls_G_u16p16[1]	65536		
CDD_MtrCurr1_Volts_G_f32[0]	2.56429005		
CDD_MtrCurr1_Volts_G_f32[1]	4.72158003		
CDD_MtrCurr2_Volts_G_f32[0]	0.384582996		
CDD_MtrCurr2_Volts_G_f32[1]	4.39795017		
CDD_MtrCurrDax_Amp_G_f32[0]	27.2000008		
CDD_MtrCurrDax_Amp_G_f32[1]	24.25		
CDD_MtrCurrK1_Amps_G_f32[0]	131.130005		
CDD_MtrCurrK1_Amps_G_f32[1]	179.600006		
CDD_MtrCurrK2_Amps_G_f32[0]	65.8199997		
CDD_MtrCurrK2_Amps_G_f32[1]	82.3399963		
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	-68.6399994		
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	-57.4700012		
CDD_MtrCurrQax_Amp_G_f32[0]	131.130005		
CDD_MtrCurrQax_Amp_G_f32[1]	179.600006		
CDD_MtrVoltDax_Volt_G_f32[0]	1.51999998		
CDD_MtrVoltDax_Volt_G_f32[1]	2.52999997		
CDD_MtrVoltQax_Volt_G_f32[0]	1.99608004		
CDD_MtrVoltQax_Volt_G_f32[1]	0.706562996		
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_RxMtrPosParityAccum_Cnt_G_u16[0]	230		
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	424		
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	32139		
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	32145		
CDD_SysCVSwitchADC_Cnt_G_u16[0]	792		
CDD_SysCVSwitchADC_Cnt_G_u16[1]	2542		
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	32139		
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	32145		
PXAccumPrev_Cnt_M_u32[0]	458151866		
PXAccumPrev_Cnt_M_u32[1]	70906910		
PXAccumPrev_Cnt_M_u32[2]	136896436		
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	2647102720		
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	4184963840		
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	2598695168		
Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	0	0	✔
PXAccumPrev_Cnt_M_u32[0]	330887840	330887840	✔
PXAccumPrev_Cnt_M_u32[1]	523120480	523120480	✔
PXAccumPrev_Cnt_M_u32[2]	324836896	324836896	✔
Rte_Task_2ms_10.Rte_TB.Rte_I_CDDInterface_SysCVSwitchADC_Cnt_u16.value	2542	2542	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	4.72158003	4.72158003	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	4.39795017	4.39795017	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.490494013	0.490494013	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.490493774	0.490494013 ± 0.0000152587890625	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	3226	3226	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	4909	4909	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	7527	7527	✔

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Name	Actual Value	Expected Value	Result
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_LRPRF	39	39	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	409606886	409606886	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	452213570	452213570	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	187940460	187940460	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	0.490493774	0.490494013 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	3615687314	3615687314	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Modl	1	1 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	24.25	24.25	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	179.600006	179.600006	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	82.3399963	82.3399963	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	179.600006	179.600006	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	-57.4700012	-57.4700012	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	2.52999997	2.52999997	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	0.706562996	0.706562996	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_SysCC	0.490493774	0.490494013 ± 0.0000152587890625	✓

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]	0.660094976
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.6602
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	43260
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	43267
CDD_CumMechMtrPos_Rev_s15p16[0]	43260
CDD_CumMechMtrPos_Rev_s15p16[1]	43267
CDD_Die1RxError_Cnt_G_u16[0]	238
CDD_Die1RxError_Cnt_G_u16[1]	480
CDD_Die1RxMtrPos_Cnt_G_u16[0]	238
CDD_Die1RxMtrPos_Cnt_G_u16[1]	480
CDD_Die1RxRevCtr_Cnt_G_u16[0]	238
CDD_Die1RxRevCtr_Cnt_G_u16[1]	480
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	238
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]	480
CDD_Die2RxError_Cnt_G_u16[0]	238
CDD_Die2RxError_Cnt_G_u16[1]	480
CDD_Die2RxMtrPos_Cnt_G_u16[0]	238
CDD_Die2RxMtrPos_Cnt_G_u16[1]	480
CDD_Die2RxRevCtr_Cnt_G_u16[0]	238
CDD_Die2RxRevCtr_Cnt_G_u16[1]	480
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	4107777421
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	1367012853
CDD_MechMtrPos1_Rev_G_u0p16[0]	43260
CDD_MechMtrPos1_Rev_G_u0p16[1]	43267
CDD_ModlIdxFinal_Uls_G_u16p16[0]	3017
CDD_ModlIdxFinal_Uls_G_u16p16[1]	57923
CDD_MtrCurr1_Volts_G_f32[0]	1.38562
CDD_MtrCurr1_Volts_G_f32[1]	3.30895996
CDD_MtrCurr2_Volts_G_f32[0]	3.75184989
CDD_MtrCurr2_Volts_G_f32[1]	0.110266998
CDD_MtrCurrDax_Amp_G_f32[0]	28.4200001
CDD_MtrCurrDax_Amp_G_f32[1]	25.0300007
CDD_MtrCurrK1_Amps_G_f32[0]	-200.130005
CDD_MtrCurrK1_Amps_G_f32[1]	-146.240005
CDD_MtrCurrK2_Amps_G_f32[0]	67.4899979
CDD_MtrCurrK2_Amps_G_f32[1]	85.0800018
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	-25.5799999
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	-20.4699993
CDD_MtrCurrQax_Amp_G_f32[0]	-200.130005
CDD_MtrCurrQax_Amp_G_f32[1]	-146.240005
CDD_MtrVoltDax_Volt_G_f32[0]	1.52999997
CDD_MtrVoltDax_Volt_G_f32[1]	2.53999996
CDD_MtrVoltQax_Volt_G_f32[0]	0.723339021
CDD_MtrVoltQax_Volt_G_f32[1]	1.48297
CDD_PWMDDutyCycleASum_Cnt_G_u32[0]	2599
CDD_PWMDDutyCycleASum_Cnt_G_u32[1]	3413
CDD_PWMDDutyCycleBSum_Cnt_G_u32[0]	3688



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Name	Input Value
CDD_PWMDDutyCycleBSum_Cnt_G_u32[1]	5096
CDD_PWMDDutyCycleCSum_Cnt_G_u32[0]	5382
CDD_PWMDDutyCycleCSum_Cnt_G_u32[1]	7714
CDD_PhaseAdvFinal_Cnt_G_u16[0]	238
CDD_PhaseAdvFinal_Cnt_G_u16[1]	480
CDD_RxMtrPosParityAccum_Cnt_G_u16[0]	238
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	480
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	43260
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	43267
CDD_SysCVSwitchADC_Cnt_G_u16[0]	1248
CDD_SysCVSwitchADC_Cnt_G_u16[1]	810
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	43260
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	43267
PXAccumPrev_Cnt_M_u32[0]	174526914
PXAccumPrev_Cnt_M_u32[1]	373819062
PXAccumPrev_Cnt_M_u32[2]	121197274
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	786170880
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	2331398656
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	4025741312

Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	1	1	✓
PXAccumPrev_Cnt_M_u32[0]	98271360	98271360	✓
PXAccumPrev_Cnt_M_u32[1]	291424832	291424832	✓
PXAccumPrev_Cnt_M_u32[2]	503217664	503217664	✓
Rte_Task_2ms_10.Rte_TB.Rte_I_CDDInterface_SysCVSwitchADC_Cnt_u16.value	1248	1248	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	1.38562	1.38562	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	3.75184989	3.75184989	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.660094976	0.660094976	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.660095215	0.660094976 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	2599	2599	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	3688	3688	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	5382	5382	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_LRPRF	22	22	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	460615358	460615358	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	454476682	454476682	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	382020390	382020390	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	0.660095215	0.660094976 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	4107777421	4107777421	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Modldx	0.0460357666	0.0460358001 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	28.4200001	28.4200001	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	-200.130005	-200.130005	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	67.4899979	67.4899979	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	-200.130005	-200.130005	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	-25.5799999	-25.5799999	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	1.52999997	1.52999997	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	0.723339021	0.723339021	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_SysCC	0.660095215	0.660094976 ± 0.0000152587890625	✓

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
CDDPorts_ClearPhsReasSum	1	CDDPorts_ClearPhsReasSum	1	✓

## Test Step 2.72 (Repeat Count = 1)

Name	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16	1
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	0.124600001
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.124695003
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	8166
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	8172
CDD_CumMechMtrPos_Rev_s15p16[0]	8166
CDD_CumMechMtrPos_Rev_s15p16[1]	8172
CDD_Die1RxError_Cnt_G_u16[0]	246
CDD_Die1RxError_Cnt_G_u16[1]	536
CDD_Die1RxMtrPos_Cnt_G_u16[0]	246
CDD_Die1RxMtrPos_Cnt_G_u16[1]	536
CDD_Die1RxRevCtr_Cnt_G_u16[0]	246
CDD_Die1RxRevCtr_Cnt_G_u16[1]	536
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	246
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]	536
CDD_Die2RxError_Cnt_G_u16[0]	246

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Name	Input Value		
CDD_Die2RxError_Cnt_G_u16[1]	536		
CDD_Die2RxMtrPos_Cnt_G_u16[0]	246		
CDD_Die2RxMtrPos_Cnt_G_u16[1]	536		
CDD_Die2RxRevCtr_Cnt_G_u16[0]	246		
CDD_Die2RxRevCtr_Cnt_G_u16[1]	536		
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	873492437		
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	3391496898		
CDD_MechMtrPos1_Rev_G_u0p16[0]	8166		
CDD_MechMtrPos1_Rev_G_u0p16[1]	8172		
CDD_ModIdxFinal_Uls_G_u16p16[0]	30325		
CDD_ModIdxFinal_Uls_G_u16p16[1]	18184		
CDD_MtrCurr1_Volts_G_f32[0]	0.757466972		
CDD_MtrCurr1_Volts_G_f32[1]	3.46650004		
CDD_MtrCurr2_Volts_G_f32[0]	0.319359004		
CDD_MtrCurr2_Volts_G_f32[1]	1.42279005		
CDD_MtrCurrDax_Amp_G_f32[0]	-220		
CDD_MtrCurrDax_Amp_G_f32[1]	-220		
CDD_MtrCurrK1_Amps_G_f32[0]	-210.660004		
CDD_MtrCurrK1_Amps_G_f32[1]	-161.350006		
CDD_MtrCurrK2_Amps_G_f32[0]	-87.8199997		
CDD_MtrCurrK2_Amps_G_f32[1]	-69.1600037		
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	46.4199982		
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	56.9500008		
CDD_MtrCurrQax_Amp_G_f32[0]	132.619995		
CDD_MtrCurrQax_Amp_G_f32[1]	209.600006		
CDD_MtrVoltDax_Volt_G_f32[0]	1.53999996		
CDD_MtrVoltDax_Volt_G_f32[1]	2.54999995		
CDD_MtrVoltQax_Volt_G_f32[0]	2.60339999		
CDD_MtrVoltQax_Volt_G_f32[1]	4.63239002		
CDD_PWMDCycleASum_Cnt_G_u32[0]	2720		
CDD_PWMDCycleASum_Cnt_G_u32[1]	3600		
CDD_PWMDCycleBSum_Cnt_G_u32[0]	3567		
CDD_PWMDCycleBSum_Cnt_G_u32[1]	4910		
CDD_PWMDCycleCSum_Cnt_G_u32[0]	5503		
CDD_PWMDCycleCSum_Cnt_G_u32[1]	7901		
CDD_PhaseAdvFinal_Cnt_G_u16[0]	246		
CDD_PhaseAdvFinal_Cnt_G_u16[1]	536		
CDD_RxMtrPosParityAccum_Cnt_G_u16[0]	246		
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	536		
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	8166		
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	8172		
CDD_SysCVSwitchADC_Cnt_G_u16[0]	91		
CDD_SysCVSwitchADC_Cnt_G_u16[1]	2384		
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	8166		
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	8172		
PXAccumPrev_Cnt_M_u32[0]	174353387		
PXAccumPrev_Cnt_M_u32[1]	381523465		
PXAccumPrev_Cnt_M_u32[2]	392245242		
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	2618996480		
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	2592328960		
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	4018336512		
Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	0	0	✔
PXAccumPrev_Cnt_M_u32[0]	327374560	327374560	✔
PXAccumPrev_Cnt_M_u32[1]	324041120	324041120	✔
PXAccumPrev_Cnt_M_u32[2]	502292064	502292064	✔
Rte_Task_2ms_10.Rte_TB.Rte_I_CDDInterface_SysCVSwitchADC_Cnt_u16.value	2384	2384	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	3.46650004	3.46650004	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	1.42279005	1.42279005	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.124695003	0.124695003	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.124694824	0.124695003 ± 0.0000152587890625	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	3600	3600	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	4910	4910	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	7901	7901	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_LRPRF	50	50	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	153021173	153021173	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	479388567	479388567	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	110046822	110046822	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	0.124694824	0.124695003 ± 0.0000152587890625	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	3391496898	3391496898	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ModIdx	0.27746582	0.277465999 ± 0.0000152587890625	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCun	-220	-220	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCun	-161.350006	-161.350006	✔



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Name	Actual Value	Expected Value	Result
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCurr	-69.1600037	-69.1600037	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCurr	209.600006	209.600006	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCurr	56.9500008	56.9500008	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	2.54999995	2.54999995	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	4.63239002	4.63239002	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_SysCC	0.124694824	0.124695003 ± 0.0000152587890625	✓

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	0
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	0.246795997
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.246900007
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	16174
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	16181
CDD_CumMechMtrPos_Rev_s15p16[0]	16174
CDD_CumMechMtrPos_Rev_s15p16[1]	16181
CDD_Die1RxError_Cnt_G_u16[0]	254
CDD_Die1RxError_Cnt_G_u16[1]	592
CDD_Die1RxMtrPos_Cnt_G_u16[0]	254
CDD_Die1RxMtrPos_Cnt_G_u16[1]	592
CDD_Die1RxRevCtr_Cnt_G_u16[0]	254
CDD_Die1RxRevCtr_Cnt_G_u16[1]	592
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	254
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]	592
CDD_Die2RxError_Cnt_G_u16[0]	254
CDD_Die2RxError_Cnt_G_u16[1]	592
CDD_Die2RxMtrPos_Cnt_G_u16[0]	254
CDD_Die2RxMtrPos_Cnt_G_u16[1]	592
CDD_Die2RxRevCtr_Cnt_G_u16[0]	254
CDD_Die2RxRevCtr_Cnt_G_u16[1]	592
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	3282847839
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	2695739559
CDD_MechMtrPos1_Rev_G_u0p16[0]	16174
CDD_MechMtrPos1_Rev_G_u0p16[1]	16181
CDD_ModIdxFinal_Uls_G_u16p16[0]	44251
CDD_ModIdxFinal_Uls_G_u16p16[1]	2228
CDD_MtrCurr1_Volts_G_f32[0]	3.65309
CDD_MtrCurr1_Volts_G_f32[1]	1.02593005
CDD_MtrCurr2_Volts_G_f32[0]	1.08582997
CDD_MtrCurr2_Volts_G_f32[1]	2.02677011
CDD_MtrCurrDax_Amp_G_f32[0]	220
CDD_MtrCurrDax_Amp_G_f32[1]	220
CDD_MtrCurrK1_Amps_G_f32[0]	-25.5799999
CDD_MtrCurrK1_Amps_G_f32[1]	-20.4699993
CDD_MtrCurrK2_Amps_G_f32[0]	70.8300018
CDD_MtrCurrK2_Amps_G_f32[1]	90.5599976
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	72.3700027
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	88.3199997
CDD_MtrCurrQax_Amp_G_f32[0]	131.320007
CDD_MtrCurrQax_Amp_G_f32[1]	208.639999
CDD_MtrVoltDax_Volt_G_f32[0]	1.17999995
CDD_MtrVoltDax_Volt_G_f32[1]	2.18993998
CDD_MtrVoltQax_Volt_G_f32[0]	0.339249015
CDD_MtrVoltQax_Volt_G_f32[1]	4.89500999
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_RxMtrPosParityAccum_Cnt_G_u16[0]	254
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	592
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	16174
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	16181

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Name	Input Value		
CDD_SysCVSwitchADC_Cnt_G_u16[0]	912		
CDD_SysCVSwitchADC_Cnt_G_u16[1]	1427		
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	16174		
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	16181		
PXAccumPrev_Cnt_M_u32[0]	266941809		
PXAccumPrev_Cnt_M_u32[1]	449206600		
PXAccumPrev_Cnt_M_u32[2]	346588492		
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	3807026688		
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	2408012800		
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	3835816448		
Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	1	1	✓
PXAccumPrev_Cnt_M_u32[0]	475878336	475878336	✓
PXAccumPrev_Cnt_M_u32[1]	301001600	301001600	✓
PXAccumPrev_Cnt_M_u32[2]	479477056	479477056	✓
Rte_Task_2ms_10.Rte_TB.Rte_I_CDDInterface_SysCVSwitchADC_Cnt_u16.value	912	912	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCMt	3.65309	3.65309	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCMt	1.08582997	1.08582997	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrMt	0.246795997	0.246795997	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrMt	0.246795654	0.246795997 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	2841	2841	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	6567	6567	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	5624	5624	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_LRPRF	23	23	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	208936527	208936527	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	388665912	388665912	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	132888564	132888564	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	0.246795654	0.246795997 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	3282847839	3282847839	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Modidx	0.675216675	0.675216973 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	220	220	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	-25.5799999	-25.5799999	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	70.8300018	70.8300018	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	131.320007	131.320007	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	72.3700027	72.3700027	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	1.17999995	1.17999995	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	0.339249015	0.339249015	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_SysCC	0.246795654	0.246795997 ± 0.0000152587890625	✓

## Test Step Call Trace

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	1
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	0.411697
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.411799997
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	26981
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	26988
CDD_CumMechMtrPos_Rev_s15p16[0]	26981
CDD_CumMechMtrPos_Rev_s15p16[1]	26988
CDD_Die1RxError_Cnt_G_u16[0]	262
CDD_Die1RxError_Cnt_G_u16[1]	648
CDD_Die1RxMtrPos_Cnt_G_u16[0]	262
CDD_Die1RxMtrPos_Cnt_G_u16[1]	648
CDD_Die1RxRevCtr_Cnt_G_u16[0]	262
CDD_Die1RxRevCtr_Cnt_G_u16[1]	648
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	262
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]	648
CDD_Die2RxError_Cnt_G_u16[0]	262
CDD_Die2RxError_Cnt_G_u16[1]	648
CDD_Die2RxMtrPos_Cnt_G_u16[0]	262
CDD_Die2RxMtrPos_Cnt_G_u16[1]	648
CDD_Die2RxRevCtr_Cnt_G_u16[0]	262
CDD_Die2RxRevCtr_Cnt_G_u16[1]	648
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	350374653
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	2843243993
CDD_MechMtrPos1_Rev_G_u0p16[0]	26981
CDD_MechMtrPos1_Rev_G_u0p16[1]	26988

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Name	Input Value		
CDD_ModIdxFinal_Uls_G_u16p16[0]	12449		
CDD_ModIdxFinal_Uls_G_u16p16[1]	43960		
CDD_MtrCurr1_Volts_G_f32[0]	4.99056005		
CDD_MtrCurr1_Volts_G_f32[1]	0.171589002		
CDD_MtrCurr2_Volts_G_f32[0]	4.38745022		
CDD_MtrCurr2_Volts_G_f32[1]	4.57691002		
CDD_MtrCurrDax_Amp_G_f32[0]	0		
CDD_MtrCurrDax_Amp_G_f32[1]	0		
CDD_MtrCurrK1_Amps_G_f32[0]	46.4199982		
CDD_MtrCurrK1_Amps_G_f32[1]	56.9500008		
CDD_MtrCurrK2_Amps_G_f32[0]	72.5		
CDD_MtrCurrK2_Amps_G_f32[1]	93.2900009		
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	-35.7999992		
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	30.6900005		
CDD_MtrCurrQax_Amp_G_f32[0]	-204.639999		
CDD_MtrCurrQax_Amp_G_f32[1]	-177.850006		
CDD_MtrVoltDax_Volt_G_f32[0]	1.18993998		
CDD_MtrVoltDax_Volt_G_f32[1]	2.19994998		
CDD_MtrVoltQax_Volt_G_f32[0]	0.247145995		
CDD_MtrVoltQax_Volt_G_f32[1]	3.5306201		
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]	262		
CDD_PhaseAdvFinal_Cnt_G_u16[1]	648		
CDD_RxMtrPosParityAccum_Cnt_G_u16[0]	262		
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	648		
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	26981		
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	26988		
CDD_SysCVSwitchADC_Cnt_G_u16[0]	430		
CDD_SysCVSwitchADC_Cnt_G_u16[1]	1724		
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	26981		
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	26988		
PXAccumPrev_Cnt_M_u32[0]	184589252		
PXAccumPrev_Cnt_M_u32[1]	512783438		
PXAccumPrev_Cnt_M_u32[2]	258774455		
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	2463557888		
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	4118327040		
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	1507919104		
Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	0	0	✔
PXAccumPrev_Cnt_M_u32[0]	307944736	307944736	✔
PXAccumPrev_Cnt_M_u32[1]	514790880	514790880	✔
PXAccumPrev_Cnt_M_u32[2]	188489888	188489888	✔
Rte_Task_2ms_10.Rte_TB.Rte_I_CDDInterface_SysCVSwitchADC_Cnt_u16.value	1724	1724	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	0.171589002	0.171589002	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	4.57691002	4.57691002	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.411799997	0.411799997	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.411804199	0.411803991 ± 0.0000152587890625	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	192	192	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	9097	9097	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	8275	8275	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_LRPRF	60	60	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	123355484	123355484	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	2007442	2007442	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	466586345	466586345	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	0.411804199	0.411803991 ± 0.0000152587890625	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	2843243993	2843243993	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ModIdx	0.670776367	0.67077601 ± 0.0000152587890625	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCun	0	0	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCun	56.9500008	56.9500008	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCun	93.2900009	93.2900009	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCun	-177.850006	-177.850006	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCun	30.6900005	30.6900005	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	2.19994998	2.19994998	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	3.5306201	3.5306201	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_SvsCC	0.411804199	0.411803991 ± 0.0000152587890625	✔

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## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
CDDPorts_ClearPhsReasSum	1	CDDPorts_ClearPhsReasSum	1	✓

## Test Step 2.75 (Repeat Count = 1)

Name	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16	0
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	0.523697019
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.523800015
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	34321
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	34328
CDD_CumMechMtrPos_Rev_s15p16[0]	34321
CDD_CumMechMtrPos_Rev_s15p16[1]	34328
CDD_Die1RxError_Cnt_G_u16[0]	270
CDD_Die1RxError_Cnt_G_u16[1]	704
CDD_Die1RxMtrPos_Cnt_G_u16[0]	270
CDD_Die1RxMtrPos_Cnt_G_u16[1]	704
CDD_Die1RxRevCtr_Cnt_G_u16[0]	270
CDD_Die1RxRevCtr_Cnt_G_u16[1]	704
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	270
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]	704
CDD_Die2RxError_Cnt_G_u16[0]	270
CDD_Die2RxError_Cnt_G_u16[1]	704
CDD_Die2RxMtrPos_Cnt_G_u16[0]	270
CDD_Die2RxMtrPos_Cnt_G_u16[1]	704
CDD_Die2RxRevCtr_Cnt_G_u16[0]	270
CDD_Die2RxRevCtr_Cnt_G_u16[1]	704
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	472664732
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	2820043235
CDD_MechMtrPos1_Rev_G_u0p16[0]	34321
CDD_MechMtrPos1_Rev_G_u0p16[1]	34328
CDD_ModIdxFinal_Uls_G_u16p16[0]	57824
CDD_ModIdxFinal_Uls_G_u16p16[1]	11993
CDD_MtrCurr1_Volts_G_f32[0]	3.16536999
CDD_MtrCurr1_Volts_G_f32[1]	4.82468987
CDD_MtrCurr2_Volts_G_f32[0]	3.6615901
CDD_MtrCurr2_Volts_G_f32[1]	2.99381995
CDD_MtrCurrDax_Amp_G_f32[0]	176.169998
CDD_MtrCurrDax_Amp_G_f32[1]	213.800003
CDD_MtrCurrK1_Amps_G_f32[0]	72.3700027
CDD_MtrCurrK1_Amps_G_f32[1]	88.3199997
CDD_MtrCurrK2_Amps_G_f32[0]	74.1699982
CDD_MtrCurrK2_Amps_G_f32[1]	96.0390015
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	72.5
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	93.2900009
CDD_MtrCurrQax_Amp_G_f32[0]	136.520004
CDD_MtrCurrQax_Amp_G_f32[1]	212.479996
CDD_MtrVoltDax_Volt_G_f32[0]	1
CDD_MtrVoltDax_Volt_G_f32[1]	2
CDD_MtrVoltQax_Volt_G_f32[0]	4.6375699
CDD_MtrVoltQax_Volt_G_f32[1]	1.96293998
CDD_PWMDCycleASum_Cnt_G_u32[0]	198
CDD_PWMDCycleASum_Cnt_G_u32[1]	200
CDD_PWMDCycleBSum_Cnt_G_u32[0]	3867
CDD_PWMDCycleBSum_Cnt_G_u32[1]	5911
CDD_PWMDCycleCSum_Cnt_G_u32[0]	5628
CDD_PWMDCycleCSum_Cnt_G_u32[1]	8097
CDD_PhaseAdvFinal_Cnt_G_u16[0]	270
CDD_PhaseAdvFinal_Cnt_G_u16[1]	704
CDD_RxMtrPosParityAccum_Cnt_G_u16[0]	270
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	704
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	34321
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	34328
CDD_SysCVSwitchADC_Cnt_G_u16[0]	860
CDD_SysCVSwitchADC_Cnt_G_u16[1]	3197
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	34321
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	34328
PXAccumPrev_Cnt_M_u32[0]	482115473
PXAccumPrev_Cnt_M_u32[1]	95157952
PXAccumPrev_Cnt_M_u32[2]	140432463

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Name	Input Value		
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	1711147008		
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	3836786176		
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	1817162752		
Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	1	1	✓
PXAccumPrev_Cnt_M_u32[0]	213893376	213893376	✓
PXAccumPrev_Cnt_M_u32[1]	479598272	479598272	✓
PXAccumPrev_Cnt_M_u32[2]	227145344	227145344	✓
Rte_Task_2ms_10.Rte_TB.Rte_I_CDDInterface_SysCVSwitchADC_Cnt_u16.value	860	860	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	3.16536999	3.16536999	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	3.6615901	3.6615901	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.523697019	0.523697019	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.523696899	0.523697019 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	198	198	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	3867	3867	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	5628	5628	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_LRPRF	25	25	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	268648815	268648815	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	384440320	384440320	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	86712881	86712881	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	0.523696899	0.523697019 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	472664732	472664732	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Modl	0.882324219	0.88232398 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	176.169998	176.169998	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	72.3700027	72.3700027	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	74.1699982	74.1699982	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	136.520004	136.520004	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	72.5	72.5	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	1	1	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	4.6375699	4.6375699	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_SysCC	0.523696899	0.523697019 ± 0.0000152587890625	✓

Test Step Call Trace				
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	0
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	0.660094976
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.6602
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	43260
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	43267
CDD_CumMechMtrPos_Rev_s15p16[0]	43260
CDD_CumMechMtrPos_Rev_s15p16[1]	43267
CDD_Die1RxError_Cnt_G_u16[0]	238
CDD_Die1RxError_Cnt_G_u16[1]	480
CDD_Die1RxMtrPos_Cnt_G_u16[0]	238
CDD_Die1RxMtrPos_Cnt_G_u16[1]	480
CDD_Die1RxRevCtr_Cnt_G_u16[0]	238
CDD_Die1RxRevCtr_Cnt_G_u16[1]	480
CDD_Die1UnderVltgFltAccum_Cnt_G_u16[0]	238
CDD_Die1UnderVltgFltAccum_Cnt_G_u16[1]	480
CDD_Die2RxError_Cnt_G_u16[0]	238
CDD_Die2RxError_Cnt_G_u16[1]	480
CDD_Die2RxMtrPos_Cnt_G_u16[0]	238
CDD_Die2RxMtrPos_Cnt_G_u16[1]	480
CDD_Die2RxRevCtr_Cnt_G_u16[0]	238
CDD_Die2RxRevCtr_Cnt_G_u16[1]	480
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	472664731
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	2820043234
CDD_MechMtrPos1_Rev_G_u0p16[0]	43260
CDD_MechMtrPos1_Rev_G_u0p16[1]	43267
CDD_ModlxFinal_Uls_G_u16p16[0]	16513
CDD_ModlxFinal_Uls_G_u16p16[1]	55132
CDD_MtrCurr1_Volts_G_f32[0]	2.23801994
CDD_MtrCurr1_Volts_G_f32[1]	2.24892998
CDD_MtrCurr2_Volts_G_f32[0]	0.643836975
CDD_MtrCurr2_Volts_G_f32[1]	0.809525013
CDD_MtrCurrDax_Amp_G_f32[0]	-35.7999992

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Name	Input Value
CDD_MtrCurrDax_Amp_G_f32[1]	-30.6900005
CDD_MtrCurrK1_Amps_G_f32[0]	100.910004
CDD_MtrCurrK1_Amps_G_f32[1]	138.539993
CDD_MtrCurrK2_Amps_G_f32[0]	-76.8600006
CDD_MtrCurrK2_Amps_G_f32[1]	-62.4799995
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	-25.5799999
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	-20.4699993
CDD_MtrCurrQax_Amp_G_f32[0]	-200.130005
CDD_MtrCurrQax_Amp_G_f32[1]	-146.240005
CDD_MtrVoltDax_Volt_G_f32[0]	2
CDD_MtrVoltDax_Volt_G_f32[1]	3
CDD_MtrVoltQax_Volt_G_f32[0]	4.31455994
CDD_MtrVoltQax_Volt_G_f32[1]	4.02599001
CDD_PWMDutyCycleASum_Cnt_G_u32[0]	262
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	648
CDD_PWMDutyCycleBSum_Cnt_G_u32[0]	214
CDD_PWMDutyCycleBSum_Cnt_G_u32[1]	312
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_RxMtrPosParityAccum_Cnt_G_u16[0]	238
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	480
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	43260
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	43267
CDD_SysCVSwitchADC_Cnt_G_u16[0]	3098
CDD_SysCVSwitchADC_Cnt_G_u16[1]	752
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	43260
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	43267
PXAccumPrev_Cnt_M_u32[0]	383786144
PXAccumPrev_Cnt_M_u32[1]	273620835
PXAccumPrev_Cnt_M_u32[2]	528915990
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	4089752320
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	3823411456
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	2390730496

Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	1	1	✓
PXAccumPrev_Cnt_M_u32[0]	511219040	511219040	✓
PXAccumPrev_Cnt_M_u32[1]	477926432	477926432	✓
PXAccumPrev_Cnt_M_u32[2]	298841312	298841312	✓
Rte_Task_2ms_10.Rte_TB.Rte_I_CDDInterface_SysCVSwitchADC_Cnt_u16.value	3098	3098	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	2.23801994	2.23801994	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	0.643836975	0.643836975	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.660094976	0.660094976	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.660095215	0.660094976 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	262	262	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	214	214	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	5382	5382	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_LRPRF	22	22	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	127432896	127432896	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	204305597	204305597	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	306796234	306796234	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	0.660095215	0.660094976 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	472664731	472664731	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Modl	0.251968384	0.251967996 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	-35.7999992	-35.7999992	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	100.910004	100.910004	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	-76.8600006	-76.8600006	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	-200.130005	-200.130005	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	-25.5799999	-25.5799999	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	2	2	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	4.31455994	4.31455994	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_SysCC	0.660095215	0.660094976 ± 0.0000152587890625	✓





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

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Test Step 2.77 (Repeat Count = 1)				
Name		Input Value		
CDD_CDDDataAccessBfr_Cnt_G_u16		1		
CDD_CorrMtrCurrPosition_Rev_G_f32[0]		0.124600001		
CDD_CorrMtrCurrPosition_Rev_G_f32[1]		0.124695003		
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]		8166		
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]		8172		
CDD_CumMechMtrPos_Rev_s15p16[0]		8166		
CDD_CumMechMtrPos_Rev_s15p16[1]		8172		
CDD_Die1RxError_Cnt_G_u16[0]		246		
CDD_Die1RxError_Cnt_G_u16[1]		536		
CDD_Die1RxMtrPos_Cnt_G_u16[0]		246		
CDD_Die1RxMtrPos_Cnt_G_u16[1]		536		
CDD_Die1RxRevCtr_Cnt_G_u16[0]		246		
CDD_Die1RxRevCtr_Cnt_G_u16[1]		536		
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]		246		
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]		536		
CDD_Die2RxError_Cnt_G_u16[0]		246		
CDD_Die2RxError_Cnt_G_u16[1]		536		
CDD_Die2RxMtrPos_Cnt_G_u16[0]		246		
CDD_Die2RxMtrPos_Cnt_G_u16[1]		536		
CDD_Die2RxRevCtr_Cnt_G_u16[0]		246		
CDD_Die2RxRevCtr_Cnt_G_u16[1]		536		
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]		1999715327		
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]		1762676376		
CDD_MechMtrPos1_Rev_G_u0p16[0]		8166		
CDD_MechMtrPos1_Rev_G_u0p16[1]		8172		
CDD_ModIdxFinal_Uls_G_u16p16[0]		59510		
CDD_ModIdxFinal_Uls_G_u16p16[1]		64970		
CDD_MtrCurr1_Volts_G_f32[0]		4.9484601		
CDD_MtrCurr1_Volts_G_f32[1]		1.41685998		
CDD_MtrCurr2_Volts_G_f32[0]		2.62385988		
CDD_MtrCurr2_Volts_G_f32[1]		4.09703016		
CDD_MtrCurrDax_Amp_G_f32[0]		25.9799995		
CDD_MtrCurrDax_Amp_G_f32[1]		23.4699993		
CDD_MtrCurrK1_Amps_G_f32[0]		-220		
CDD_MtrCurrK1_Amps_G_f32[1]		-220		
CDD_MtrCurrK2_Amps_G_f32[0]		64.1500015		
CDD_MtrCurrK2_Amps_G_f32[1]		79.5999985		
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]		46.4199982		
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]		56.9500008		
CDD_MtrCurrQax_Amp_G_f32[0]		132.619995		
CDD_MtrCurrQax_Amp_G_f32[1]		209.600006		
CDD_MtrVoltDax_Volt_G_f32[0]		3		
CDD_MtrVoltDax_Volt_G_f32[1]		4		
CDD_MtrVoltQax_Volt_G_f32[0]		3.38188004		
CDD_MtrVoltQax_Volt_G_f32[1]		1.68906999		
CDD_PWMdutyCycleASum_Cnt_G_u32[0]		270		
CDD_PWMdutyCycleASum_Cnt_G_u32[1]		704		
CDD_PWMdutyCycleBSum_Cnt_G_u32[0]		222		
CDD_PWMdutyCycleBSum_Cnt_G_u32[1]		368		
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_RxMtrPosParityAccum_Cnt_G_u16[0]		246		
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]		536		
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]		8166		
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]		8172		
CDD_SysCVSwitchADC_Cnt_G_u16[0]		770		
CDD_SysCVSwitchADC_Cnt_G_u16[1]		3548		
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]		8166		
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]		8172		
PXAccumPrev_Cnt_M_u32[0]		101264793		
PXAccumPrev_Cnt_M_u32[1]		255260184		
PXAccumPrev_Cnt_M_u32[2]		279077088		
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word		616350208		
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word		4021608448		
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word		192663040		
Name	Actual Value	Expected Value	Result	
CDD_CDDDataAccessBfr_Cnt_G_u16	0	0		
PXAccumPrev_Cnt_M_u32[0]	77043776	77043776		
PXAccumPrev_Cnt_M_u32[1]	502701056	502701056		



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Name	Actual Value	Expected Value	Result
PXAccumPrev_Cnt_M_u32[2]	24082880	24082880	✓
Rte_Task_2ms_10.Rte_TB.Rte_I_CDDInterface_SysCVSwitchADC_Cnt_u16.value	3548	3548	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCMt	1.41685998	1.41685998	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCMt	4.09703016	4.09703016	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrMt	0.124695003	0.124695003	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrMt	0.124694824	0.124695003 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	704	704	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	368	368	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	7901	7901	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_LRPRF	50	50	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measui	512649895	512649895	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measui	247440872	247440872	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measui	281876704	281876704	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	0.124694824	0.124695003 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	1762676376	1762676376	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Modl	0.991363525	0.991364002 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	23.4699993	23.4699993	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	-220	-220	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	79.5999985	79.5999985	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	209.600006	209.600006	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	56.9500008	56.9500008	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	4	4	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	1.68906999	1.68906999	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_SysCC	0.124694824	0.124695003 ± 0.0000152587890625	✓

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

Test Step 2.78 (Repeat Count = 1)	
Name	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16	1
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	0.246795997
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.246900007
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	16174
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	16181
CDD_CumMechMtrPos_Rev_s15p16[0]	16174
CDD_CumMechMtrPos_Rev_s15p16[1]	16181
CDD_Die1RxError_Cnt_G_u16[0]	254
CDD_Die1RxError_Cnt_G_u16[1]	592
CDD_Die1RxMtrPos_Cnt_G_u16[0]	254
CDD_Die1RxMtrPos_Cnt_G_u16[1]	592
CDD_Die1RxRevCtr_Cnt_G_u16[0]	254
CDD_Die1RxRevCtr_Cnt_G_u16[1]	592
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	254
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]	592
CDD_Die2RxError_Cnt_G_u16[0]	254
CDD_Die2RxError_Cnt_G_u16[1]	592
CDD_Die2RxMtrPos_Cnt_G_u16[0]	254
CDD_Die2RxMtrPos_Cnt_G_u16[1]	592
CDD_Die2RxRevCtr_Cnt_G_u16[0]	254
CDD_Die2RxRevCtr_Cnt_G_u16[1]	592
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	1951727467
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	648188276
CDD_MechMtrPos1_Rev_G_u0p16[0]	16174
CDD_MechMtrPos1_Rev_G_u0p16[1]	16181
CDD_ModlxFinal_Uls_G_u16p16[0]	18940
CDD_ModlxFinal_Uls_G_u16p16[1]	56438
CDD_MtrCurr1_Volts_G_f32[0]	4.11334991
CDD_MtrCurr1_Volts_G_f32[1]	2.99515009
CDD_MtrCurr2_Volts_G_f32[0]	2.12588
CDD_MtrCurr2_Volts_G_f32[1]	1.56283998
CDD_MtrCurrDax_Amp_G_f32[0]	27.2000008
CDD_MtrCurrDax_Amp_G_f32[1]	24.25
CDD_MtrCurrK1_Amps_G_f32[0]	220
CDD_MtrCurrK1_Amps_G_f32[1]	220
CDD_MtrCurrK2_Amps_G_f32[0]	65.8199997
CDD_MtrCurrK2_Amps_G_f32[1]	82.3399963
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	72.3700027
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	88.3199997

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Name	Input Value
CDD_MtrCurrQax_Amp_G_f32[0]	131.320007
CDD_MtrCurrQax_Amp_G_f32[1]	208.639999
CDD_MtrVoltDax_Volt_G_f32[0]	4
CDD_MtrVoltDax_Volt_G_f32[1]	5
CDD_MtrVoltQax_Volt_G_f32[0]	0.0271019004
CDD_MtrVoltQax_Volt_G_f32[1]	3.03663993
CDD_PWMdutyCycleASum_Cnt_G_u32[0]	278
CDD_PWMdutyCycleASum_Cnt_G_u32[1]	760
CDD_PWMdutyCycleBSum_Cnt_G_u32[0]	230
CDD_PWMdutyCycleBSum_Cnt_G_u32[1]	424
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_RxMtrPosParityAccum_Cnt_G_u16[0]	254
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	592
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	16174
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	16181
CDD_SysCVSwitchADC_Cnt_G_u16[0]	1589
CDD_SysCVSwitchADC_Cnt_G_u16[1]	543
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	16174
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	16181
PXAccumPrev_Cnt_M_u32[0]	504779781
PXAccumPrev_Cnt_M_u32[1]	125635792
PXAccumPrev_Cnt_M_u32[2]	225669242
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	854621440
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	1610621696
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	434329856

Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	0	0	✓
PXAccumPrev_Cnt_M_u32[0]	106827680	106827680	✓
PXAccumPrev_Cnt_M_u32[1]	201327712	201327712	✓
PXAccumPrev_Cnt_M_u32[2]	54291232	54291232	✓
Rte_Task_2ms_10.Rte_TB.Rte_I_CDDInterface_SysCVSwitchADC_Cnt_u16.value	543	543	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	2.99515009	2.99515009	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	1.56283998	1.56283998	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.246900007	0.246900007	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.246902466	0.246902004 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	760	760	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	424	424	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	8088	8088	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_LRPRF	55	55	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	138918811	138918811	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	75691920	75691920	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	365492902	365492902	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	0.246902466	0.246902004 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	648188276	648188276	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Modl	0.861175537	0.861176014 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	24.25	24.25	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	220	220	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	82.3399963	82.3399963	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	208.639999	208.639999	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	88.3199997	88.3199997	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	5	5	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	3.03663993	3.03663993	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_SysCC	0.246902466	0.246902004 ± 0.0000152587890625	✓

## Test Step Call Trace

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]	0.411697
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.411799997
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	26981
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	26988
CDD_CumMechMtrPos_Rev_s15p16[0]	26981
CDD_CumMechMtrPos_Rev_s15p16[1]	26988

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Name	Input Value		
CDD_Die1RxError_Cnt_G_u16[0]	262		
CDD_Die1RxError_Cnt_G_u16[1]	648		
CDD_Die1RxMtrPos_Cnt_G_u16[0]	262		
CDD_Die1RxMtrPos_Cnt_G_u16[1]	648		
CDD_Die1RxRevCtr_Cnt_G_u16[0]	262		
CDD_Die1RxRevCtr_Cnt_G_u16[1]	648		
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	262		
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]	648		
CDD_Die2RxError_Cnt_G_u16[0]	262		
CDD_Die2RxError_Cnt_G_u16[1]	648		
CDD_Die2RxMtrPos_Cnt_G_u16[0]	262		
CDD_Die2RxMtrPos_Cnt_G_u16[1]	648		
CDD_Die2RxRevCtr_Cnt_G_u16[0]	262		
CDD_Die2RxRevCtr_Cnt_G_u16[1]	648		
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	1204171193		
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	1084180652		
CDD_MechMtrPos1_Rev_G_u0p16[0]	26981		
CDD_MechMtrPos1_Rev_G_u0p16[1]	26988		
CDD_ModIdxFinal_Uls_G_u16p16[0]	31708		
CDD_ModIdxFinal_Uls_G_u16p16[1]	61996		
CDD_MtrCurr1_Volts_G_f32[0]	0.00431942986		
CDD_MtrCurr1_Volts_G_f32[1]	0.918911994		
CDD_MtrCurr2_Volts_G_f32[0]	4.72810984		
CDD_MtrCurr2_Volts_G_f32[1]	0.70322299		
CDD_MtrCurrDax_Amp_G_f32[0]	28.4200001		
CDD_MtrCurrDax_Amp_G_f32[1]	25.0300007		
CDD_MtrCurrK1_Amps_G_f32[0]	0		
CDD_MtrCurrK1_Amps_G_f32[1]	0		
CDD_MtrCurrK2_Amps_G_f32[0]	67.4899979		
CDD_MtrCurrK2_Amps_G_f32[1]	85.0800018		
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	-35.7999992		
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	30.6900005		
CDD_MtrCurrQax_Amp_G_f32[0]	-204.639999		
CDD_MtrCurrQax_Amp_G_f32[1]	-177.850006		
CDD_MtrVoltDax_Volt_G_f32[0]	1.17999995		
CDD_MtrVoltDax_Volt_G_f32[1]	2.18993998		
CDD_MtrVoltQax_Volt_G_f32[0]	0.242173001		
CDD_MtrVoltQax_Volt_G_f32[1]	0.799435973		
CDD_PWMdutyCycleASum_Cnt_G_u32[0]	286		
CDD_PWMdutyCycleASum_Cnt_G_u32[1]	816		
CDD_PWMdutyCycleBSum_Cnt_G_u32[0]	6567		
CDD_PWMdutyCycleBSum_Cnt_G_u32[1]	8910		
CDD_PWMdutyCycleCSum_Cnt_G_u32[0]	5745		
CDD_PWMdutyCycleCSum_Cnt_G_u32[1]	8275		
CDD_PhaseAdvFinal_Cnt_G_u16[0]	262		
CDD_PhaseAdvFinal_Cnt_G_u16[1]	648		
CDD_RxMtrPosParityAccum_Cnt_G_u16[0]	262		
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	648		
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	26981		
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	26988		
CDD_SysCVSwitchADC_Cnt_G_u16[0]	2799		
CDD_SysCVSwitchADC_Cnt_G_u16[1]	1794		
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	26981		
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	26988		
PXAccumPrev_Cnt_M_u32[0]	93165416		
PXAccumPrev_Cnt_M_u32[1]	89426538		
PXAccumPrev_Cnt_M_u32[2]	327159049		
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	2499890176		
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	1139431936		
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	3466115072		
Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	0	0	✔
PXAccumPrev_Cnt_M_u32[0]	312486272	312486272	✔
PXAccumPrev_Cnt_M_u32[1]	142428992	142428992	✔
PXAccumPrev_Cnt_M_u32[2]	433264384	433264384	✔
Rte_Task_2ms_10.Rte_TB.Rte_I_CDDInterface_SysCVSwitchADC_Cnt_u16.value	1794	1794	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	0.918911994	0.918911994	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	0.70322299	0.70322299	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.411799997	0.411799997	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.411804199	0.411803991 ± 0.0000152587890625	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	816	816	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	8910	8910	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	8275	8275	✔

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Name	Actual Value	Expected Value	Result
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_LRPRF	60	60	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	219320856	219320856	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	53002454	53002454	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	106105335	106105335	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	0.411804199	0.411803991 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	1084180652	1084180652	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Modl	0.945983887	0.945984006 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	25.0300007	25.0300007	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	0	0	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	85.0800018	85.0800018	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	-177.850006	-177.850006	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	30.6900005	30.6900005	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	2.18993998	2.18993998	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	0.799435973	0.799435973	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_SysCC	0.411804199	0.411803991 ± 0.0000152587890625	✓

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]	0.231995001
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.232099995
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	15204
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	15211
CDD_CumMechMtrPos_Rev_s15p16[0]	15204
CDD_CumMechMtrPos_Rev_s15p16[1]	15211
CDD_Die1RxError_Cnt_G_u16[0]	270
CDD_Die1RxError_Cnt_G_u16[1]	704
CDD_Die1RxMtrPos_Cnt_G_u16[0]	270
CDD_Die1RxMtrPos_Cnt_G_u16[1]	704
CDD_Die1RxRevCtr_Cnt_G_u16[0]	270
CDD_Die1RxRevCtr_Cnt_G_u16[1]	704
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	270
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]	704
CDD_Die2RxError_Cnt_G_u16[0]	270
CDD_Die2RxError_Cnt_G_u16[1]	704
CDD_Die2RxMtrPos_Cnt_G_u16[0]	270
CDD_Die2RxMtrPos_Cnt_G_u16[1]	704
CDD_Die2RxRevCtr_Cnt_G_u16[0]	270
CDD_Die2RxRevCtr_Cnt_G_u16[1]	704
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	2429702552
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	3674751938
CDD_MechMtrPos1_Rev_G_u0p16[0]	24189
CDD_MechMtrPos1_Rev_G_u0p16[1]	24196
CDD_ModlxFinal_Uls_G_u16p16[0]	59461
CDD_ModlxFinal_Uls_G_u16p16[1]	32271
CDD_MtrCurr1_Volts_G_f32[0]	0.911230028
CDD_MtrCurr1_Volts_G_f32[1]	3.1991899
CDD_MtrCurr2_Volts_G_f32[0]	2.1473701
CDD_MtrCurr2_Volts_G_f32[1]	4.1635499
CDD_MtrCurrDax_Amp_G_f32[0]	131.320007
CDD_MtrCurrDax_Amp_G_f32[1]	208.639999
CDD_MtrCurrK1_Amps_G_f32[0]	176.169998
CDD_MtrCurrK1_Amps_G_f32[1]	213.800003
CDD_MtrCurrK2_Amps_G_f32[0]	72.5
CDD_MtrCurrK2_Amps_G_f32[1]	93.2900009
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	72.5
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	93.2900009
CDD_MtrCurrQax_Amp_G_f32[0]	136.520004
CDD_MtrCurrQax_Amp_G_f32[1]	212.479996
CDD_MtrVoltDax_Volt_G_f32[0]	1.18993998
CDD_MtrVoltDax_Volt_G_f32[1]	2.19994998
CDD_MtrVoltQax_Volt_G_f32[0]	1.85793996
CDD_MtrVoltQax_Volt_G_f32[1]	1.02323997
CDD_PWMDDutyCycleASum_Cnt_G_u32[0]	3446
CDD_PWMDDutyCycleASum_Cnt_G_u32[1]	4722
CDD_PWMDDutyCycleBSum_Cnt_G_u32[0]	158

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Name	Input Value		
CDD_PWMDDutyCycleBSum_Cnt_G_u32[1]	160		
CDD_PWMDDutyCycleCSum_Cnt_G_u32[0]	5628		
CDD_PWMDDutyCycleCSum_Cnt_G_u32[1]	8097		
CDD_PhaseAdvFinal_Cnt_G_u16[0]	270		
CDD_PhaseAdvFinal_Cnt_G_u16[1]	704		
CDD_RxMtrPosParityAccum_Cnt_G_u16[0]	270		
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	704		
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	34321		
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	34328		
CDD_SysCVSwitchADC_Cnt_G_u16[0]	455		
CDD_SysCVSwitchADC_Cnt_G_u16[1]	3809		
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	34321		
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	34328		
PXAccumPrev_Cnt_M_u32[0]	127607629		
PXAccumPrev_Cnt_M_u32[1]	271464146		
PXAccumPrev_Cnt_M_u32[2]	406983320		
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	2026561280		
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	700953856		
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	3233061632		
Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	1	1	✓
PXAccumPrev_Cnt_M_u32[0]	253320160	253320160	✓
PXAccumPrev_Cnt_M_u32[1]	87619232	87619232	✓
PXAccumPrev_Cnt_M_u32[2]	404132704	404132704	✓
Rte_Task_2ms_10.Rte_TB.Rte_I_CDDInterface_SysCVSwitchADC_Cnt_u16.value	455	455	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	0.911230028	0.911230028	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	2.1473701	2.1473701	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.231995001	0.231995001	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.231994629	0.231995001 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	3446	3446	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	158	158	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	5628	5628	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_LRPRF	25	25	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	125712531	125712531	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	353025998	353025998	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	534020296	534020296	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	0.369094849	0.369094998 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	2429702552	2429702552	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Modldx	0.907302856	0.907302976 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	131.320007	131.320007	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	176.169998	176.169998	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	72.5	72.5	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	136.520004	136.520004	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	72.5	72.5	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	1.18993998	1.18993998	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	1.85793996	1.85793996	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_SysCC	0.523696899	0.523697019 ± 0.0000152587890625	✓

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

Test Step 2.81 (Repeat Count = 1)	
Name	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16	1
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	0.185699001
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.195899993
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	12170
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	12839
CDD_CumMechMtrPos_Rev_s15p16[0]	12170
CDD_CumMechMtrPos_Rev_s15p16[1]	12839
CDD_Die1RxError_Cnt_G_u16[0]	3688
CDD_Die1RxError_Cnt_G_u16[1]	5096
CDD_Die1RxMtrPos_Cnt_G_u16[0]	3688
CDD_Die1RxMtrPos_Cnt_G_u16[1]	5096
CDD_Die1RxRevCtr_Cnt_G_u16[0]	3688
CDD_Die1RxRevCtr_Cnt_G_u16[1]	5096
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	3688
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]	5096
CDD_Die2RxError_Cnt_G_u16[0]	3688

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Name	Input Value
CDD_Die2RxError_Cnt_G_u16[1]	5096
CDD_Die2RxMtrPos_Cnt_G_u16[0]	3688
CDD_Die2RxMtrPos_Cnt_G_u16[1]	5096
CDD_Die2RxRevCtr_Cnt_G_u16[0]	3688
CDD_Die2RxRevCtr_Cnt_G_u16[1]	5096
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	3490774830
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	2224999666
CDD_MechMtrPos1_Rev_G_u0p16[0]	32139
CDD_MechMtrPos1_Rev_G_u0p16[1]	32145
CDD_ModIdxFinal_Uls_G_u16p16[0]	21310
CDD_ModIdxFinal_Uls_G_u16p16[1]	20672
CDD_MtrCurr1_Volts_G_f32[0]	4.31253004
CDD_MtrCurr1_Volts_G_f32[1]	2.27776003
CDD_MtrCurr2_Volts_G_f32[0]	4.51559019
CDD_MtrCurr2_Volts_G_f32[1]	4.99505997
CDD_MtrCurrDax_Amp_G_f32[0]	-204.639999
CDD_MtrCurrDax_Amp_G_f32[1]	-177.850006
CDD_MtrCurrK1_Amps_G_f32[0]	-35.7999992
CDD_MtrCurrK1_Amps_G_f32[1]	-30.6900005
CDD_MtrCurrK2_Amps_G_f32[0]	-32
CDD_MtrCurrK2_Amps_G_f32[1]	-28
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	34.5200005
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	28.9300003
CDD_MtrCurrQax_Amp_G_f32[0]	-179.600006
CDD_MtrCurrQax_Amp_G_f32[1]	-131.130005
CDD_MtrVoltDax_Volt_G_f32[0]	1
CDD_MtrVoltDax_Volt_G_f32[1]	2
CDD_MtrVoltQax_Volt_G_f32[0]	3.56175995
CDD_MtrVoltQax_Volt_G_f32[1]	4.4730401
CDD_PWMDDutyCycleASum_Cnt_G_u32[0]	3567
CDD_PWMDDutyCycleASum_Cnt_G_u32[1]	4909
CDD_PWMDDutyCycleBSum_Cnt_G_u32[0]	166
CDD_PWMDDutyCycleBSum_Cnt_G_u32[1]	168
CDD_PWMDDutyCycleCSum_Cnt_G_u32[0]	230
CDD_PWMDDutyCycleCSum_Cnt_G_u32[1]	424
CDD_PhaseAdvFinal_Cnt_G_u16[0]	3688
CDD_PhaseAdvFinal_Cnt_G_u16[1]	5096
CDD_RxMtrPosParityAccum_Cnt_G_u16[0]	3688
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	5096
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	43195
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	43201
CDD_SysCVSwitchADC_Cnt_G_u16[0]	2577
CDD_SysCVSwitchADC_Cnt_G_u16[1]	980
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	43195
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	43201
PXAccumPrev_Cnt_M_u32[0]	263532916
PXAccumPrev_Cnt_M_u32[1]	216655751
PXAccumPrev_Cnt_M_u32[2]	283347714
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	2675582464
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	861643776
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	2846683648

Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	0	0	✔
PXAccumPrev_Cnt_M_u32[0]	334447808	334447808	✔
PXAccumPrev_Cnt_M_u32[1]	107705472	107705472	✔
PXAccumPrev_Cnt_M_u32[2]	355835456	355835456	✔
Rte_Task_2ms_10.Rte_TB.Rte_I_CDDInterface_SysCVSwitchADC_Cnt_u16.value	980	980	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	2.27776003	2.27776003	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	4.99505997	4.99505997	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.195899993	0.195899993	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.195907593	0.195907995 ± 0.0000152587890625	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	4909	4909	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	168	168	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	424	424	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_LRPRF	477	477	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	70914892	70914892	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	427920633	427920633	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	72487742	72487742	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	0.490493774	0.490494013 ± 0.0000152587890625	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	2224999666	2224999666	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ModIdx	0.315429688	0.315429986 ± 0.0000152587890625	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCun	-177.850006	-177.850006	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCun	-30.6900005	-30.6900005	✔



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Name	Actual Value	Expected Value	Result
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCurr	-28	-28	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCurr	-131.130005	-131.130005	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCurr	28.9300003	28.9300003	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	2	2	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	4.4730401	4.4730401	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_SysCC	0.659194946	0.659195006 ± 0.0000152587890625	✓

Test Step Call Trace				
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]	0.731994987
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.832198977
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	47972
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	54539
CDD_CumMechMtrPos_Rev_s15p16[0]	47972
CDD_CumMechMtrPos_Rev_s15p16[1]	54539
CDD_Die1RxError_Cnt_G_u16[0]	3809
CDD_Die1RxError_Cnt_G_u16[1]	5283
CDD_Die1RxMtrPos_Cnt_G_u16[0]	3809
CDD_Die1RxMtrPos_Cnt_G_u16[1]	5283
CDD_Die1RxRevCtr_Cnt_G_u16[0]	3809
CDD_Die1RxRevCtr_Cnt_G_u16[1]	5283
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	3809
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]	5283
CDD_Die2RxError_Cnt_G_u16[0]	3809
CDD_Die2RxError_Cnt_G_u16[1]	5283
CDD_Die2RxMtrPos_Cnt_G_u16[0]	3809
CDD_Die2RxMtrPos_Cnt_G_u16[1]	5283
CDD_Die2RxRevCtr_Cnt_G_u16[0]	3809
CDD_Die2RxRevCtr_Cnt_G_u16[1]	5283
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	3490774831
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	2224999667
CDD_MechMtrPos1_Rev_G_u0p16[0]	43260
CDD_MechMtrPos1_Rev_G_u0p16[1]	43267
CDD_ModIdxFinal_Uls_G_u16p16[0]	34250
CDD_ModIdxFinal_Uls_G_u16p16[1]	58227
CDD_MtrCurr1_Volts_G_f32[0]	2.50476003
CDD_MtrCurr1_Volts_G_f32[1]	1.59801996
CDD_MtrCurr2_Volts_G_f32[0]	0.974299014
CDD_MtrCurr2_Volts_G_f32[1]	3.18138003
CDD_MtrCurrDax_Amp_G_f32[0]	144.751007
CDD_MtrCurrDax_Amp_G_f32[1]	155.233994
CDD_MtrCurrK1_Amps_G_f32[0]	194.345001
CDD_MtrCurrK1_Amps_G_f32[1]	205.608002
CDD_MtrCurrK2_Amps_G_f32[0]	-220
CDD_MtrCurrK2_Amps_G_f32[1]	-220
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	35.7400017
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	29.7099991
CDD_MtrCurrQax_Amp_G_f32[0]	98.3199997
CDD_MtrCurrQax_Amp_G_f32[1]	119.690002
CDD_MtrVoltDax_Volt_G_f32[0]	3
CDD_MtrVoltDax_Volt_G_f32[1]	4
CDD_MtrVoltQax_Volt_G_f32[0]	3.99654007
CDD_MtrVoltQax_Volt_G_f32[1]	4.38413
CDD_PWMdutyCycleASum_Cnt_G_u32[0]	3688
CDD_PWMdutyCycleASum_Cnt_G_u32[1]	5096
CDD_PWMdutyCycleBSum_Cnt_G_u32[0]	174
CDD_PWMdutyCycleBSum_Cnt_G_u32[1]	176
CDD_PWMdutyCycleCSum_Cnt_G_u32[0]	238
CDD_PWMdutyCycleCSum_Cnt_G_u32[1]	480
CDD_PhaseAdvFinal_Cnt_G_u16[0]	3809
CDD_PhaseAdvFinal_Cnt_G_u16[1]	5283
CDD_RxMtrPosParityAccum_Cnt_G_u16[0]	3809
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	5283
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	8100
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	8107



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Name	Input Value		
CDD_SysCVSwitchADC_Cnt_G_u16[0]	3325		
CDD_SysCVSwitchADC_Cnt_G_u16[1]	1828		
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	8100		
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	8107		
PXAccumPrev_Cnt_M_u32[0]	165138336		
PXAccumPrev_Cnt_M_u32[1]	265561234		
PXAccumPrev_Cnt_M_u32[2]	302399072		
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	3846721792		
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	2501629696		
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	3772771584		
Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	0	0	✓
PXAccumPrev_Cnt_M_u32[0]	480840224	480840224	✓
PXAccumPrev_Cnt_M_u32[1]	312703712	312703712	✓
PXAccumPrev_Cnt_M_u32[2]	471596448	471596448	✓
Rte_Task_2ms_10.Rte_TB.Rte_I_CDDInterface_SysCVSwitchADC_Cnt_u16.value	1828	1828	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCMt	1.59801996	1.59801996	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCMt	3.18138003	3.18138003	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrMt	0.832198977	0.832198977	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrMt	0.832199097	0.832198977 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	5096	5096	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	176	176	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	480	480	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_LRPRF	495	495	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	315701888	315701888	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	47142478	47142478	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	169197376	169197376	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	0.660202026	0.660202026 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	2224999667	2224999667	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Modidx	0.888473511	0.888473988 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	155.233994	155.233994	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	205.608002	205.608002	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	-220	-220	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	119.690002	119.690002	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	29.7099991	29.7099991	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	4	4	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	4.38413	4.38413	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_SysCC	0.123703003	0.123703003 ± 0.0000152587890625	✓

Test Step Call Trace				
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	0
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	0.912
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.932296991
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	59769
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	61099
CDD_CumMechMtrPos_Rev_s15p16[0]	59769
CDD_CumMechMtrPos_Rev_s15p16[1]	61099
CDD_Die1RxError_Cnt_G_u16[0]	3930
CDD_Die1RxError_Cnt_G_u16[1]	5470
CDD_Die1RxMtrPos_Cnt_G_u16[0]	3930
CDD_Die1RxMtrPos_Cnt_G_u16[1]	5470
CDD_Die1RxRevCtr_Cnt_G_u16[0]	3930
CDD_Die1RxRevCtr_Cnt_G_u16[1]	5470
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	3930
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]	5470
CDD_Die2RxError_Cnt_G_u16[0]	3930
CDD_Die2RxError_Cnt_G_u16[1]	5470
CDD_Die2RxMtrPos_Cnt_G_u16[0]	3930
CDD_Die2RxMtrPos_Cnt_G_u16[1]	5470
CDD_Die2RxRevCtr_Cnt_G_u16[0]	3930
CDD_Die2RxRevCtr_Cnt_G_u16[1]	5470
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	4047851873
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	3858799598
CDD_MechMtrPos1_Rev_G_u0p16[0]	8166
CDD_MechMtrPos1_Rev_G_u0p16[1]	8172

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Name	Input Value		
CDD_ModIdxFinal_Uls_G_u16p16[0]	41356		
CDD_ModIdxFinal_Uls_G_u16p16[1]	52303		
CDD_MtrCurr1_Volts_G_f32[0]	3.26906991		
CDD_MtrCurr1_Volts_G_f32[1]	4.32229996		
CDD_MtrCurr2_Volts_G_f32[0]	1.84635997		
CDD_MtrCurr2_Volts_G_f32[1]	3.69289994		
CDD_MtrCurrDax_Amp_G_f32[0]	-168.791		
CDD_MtrCurrDax_Amp_G_f32[1]	-159.533997		
CDD_MtrCurrK1_Amps_G_f32[0]	-200.130005		
CDD_MtrCurrK1_Amps_G_f32[1]	-146.240005		
CDD_MtrCurrK2_Amps_G_f32[0]	220		
CDD_MtrCurrK2_Amps_G_f32[1]	220		
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	36.9599991		
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	30.4899998		
CDD_MtrCurrQax_Amp_G_f32[0]	124.269997		
CDD_MtrCurrQax_Amp_G_f32[1]	151.059998		
CDD_MtrVoltDax_Volt_G_f32[0]	0.0999756008		
CDD_MtrVoltDax_Volt_G_f32[1]	0.199950993		
CDD_MtrVoltQax_Volt_G_f32[0]	3.57565999		
CDD_MtrVoltQax_Volt_G_f32[1]	2.48851991		
CDD_PWMdutyCycleASum_Cnt_G_u32[0]	3809		
CDD_PWMdutyCycleASum_Cnt_G_u32[1]	5283		
CDD_PWMdutyCycleBSum_Cnt_G_u32[0]	182		
CDD_PWMdutyCycleBSum_Cnt_G_u32[1]	184		
CDD_PWMdutyCycleCSum_Cnt_G_u32[0]	246		
CDD_PWMdutyCycleCSum_Cnt_G_u32[1]	536		
CDD_PhaseAdvFinal_Cnt_G_u16[0]	3930		
CDD_PhaseAdvFinal_Cnt_G_u16[1]	5470		
CDD_RxMtrPosParityAccum_Cnt_G_u16[0]	3930		
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	5470		
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	16109		
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	16115		
CDD_SysCVSwitchADC_Cnt_G_u16[0]	3675		
CDD_SysCVSwitchADC_Cnt_G_u16[1]	1994		
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	16109		
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	16115		
PXAccumPrev_Cnt_M_u32[0]	519189488		
PXAccumPrev_Cnt_M_u32[1]	417307681		
PXAccumPrev_Cnt_M_u32[2]	265453075		
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	1447677952		
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	3831971328		
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	3572694016		
Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	1	1	✔
PXAccumPrev_Cnt_M_u32[0]	180959744	180959744	✔
PXAccumPrev_Cnt_M_u32[1]	478996416	478996416	✔
PXAccumPrev_Cnt_M_u32[2]	446586752	446586752	✔
Rte_Task_2ms_10.Rte_TB.Rte_I_CDDInterface_SysCVSwitchADC_Cnt_u16.value	3675	3675	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	3.26906991	3.26906991	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	1.84635997	1.84635997	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.912	0.912	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.912002563	0.912002981 ± 0.0000152587890625	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	3809	3809	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	182	182	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	246	246	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_LRPRF	368	368	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	198641168	198641168	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	61688735	61688735	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	181133677	181133677	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	0.124603271	0.124603003 ± 0.0000152587890625	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	4047851873	4047851873	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ModIdx	0.63104248	0.631042004 ± 0.0000152587890625	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCun	-168.791	-168.791	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCun	-200.130005	-200.130005	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCun	220	220	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCun	124.269997	124.269997	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCun	36.9599991	36.9599991	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	0.0999756008	0.0999756008	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	3.57565999	3.57565999	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_SvsCC	0.245803833	0.245803997 ± 0.0000152587890625	✔

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## 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	1
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	0.523697019
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.523800015
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	34321
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	34328
CDD_CumMechMtrPos_Rev_s15p16[0]	34321
CDD_CumMechMtrPos_Rev_s15p16[1]	34328
CDD_Die1RxError_Cnt_G_u16[0]	246
CDD_Die1RxError_Cnt_G_u16[1]	536
CDD_Die1RxMtrPos_Cnt_G_u16[0]	246
CDD_Die1RxMtrPos_Cnt_G_u16[1]	536
CDD_Die1RxRevCtr_Cnt_G_u16[0]	246
CDD_Die1RxRevCtr_Cnt_G_u16[1]	536
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	246
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]	536
CDD_Die2RxError_Cnt_G_u16[0]	246
CDD_Die2RxError_Cnt_G_u16[1]	536
CDD_Die2RxMtrPos_Cnt_G_u16[0]	246
CDD_Die2RxMtrPos_Cnt_G_u16[1]	536
CDD_Die2RxRevCtr_Cnt_G_u16[0]	246
CDD_Die2RxRevCtr_Cnt_G_u16[1]	536
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	2359708679
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	852385460
CDD_MechMtrPos1_Rev_G_u0p16[0]	16174
CDD_MechMtrPos1_Rev_G_u0p16[1]	16181
CDD_ModIdxFinal_Uls_G_u16p16[0]	27740
CDD_ModIdxFinal_Uls_G_u16p16[1]	39951
CDD_MtrCurr1_Volts_G_f32[0]	4.64796019
CDD_MtrCurr1_Volts_G_f32[1]	0.477730006
CDD_MtrCurr2_Volts_G_f32[0]	4.26925993
CDD_MtrCurr2_Volts_G_f32[1]	0.780206978
CDD_MtrCurrDax_Amp_G_f32[0]	131.320007
CDD_MtrCurrDax_Amp_G_f32[1]	208.639999
CDD_MtrCurrK1_Amps_G_f32[0]	-210.660004
CDD_MtrCurrK1_Amps_G_f32[1]	-161.350006
CDD_MtrCurrK2_Amps_G_f32[0]	0
CDD_MtrCurrK2_Amps_G_f32[1]	0
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	46.4199982
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	56.9500008
CDD_MtrCurrQax_Amp_G_f32[0]	132.619995
CDD_MtrCurrQax_Amp_G_f32[1]	209.600006
CDD_MtrVoltDax_Volt_G_f32[0]	0.5
CDD_MtrVoltDax_Volt_G_f32[1]	0.599976003
CDD_MtrVoltQax_Volt_G_f32[0]	0.361295015
CDD_MtrVoltQax_Volt_G_f32[1]	4.01862001
CDD_PWMDCycleASum_Cnt_G_u32[0]	2720
CDD_PWMDCycleASum_Cnt_G_u32[1]	3600
CDD_PWMDCycleBSum_Cnt_G_u32[0]	3567
CDD_PWMDCycleBSum_Cnt_G_u32[1]	4910
CDD_PWMDCycleCSum_Cnt_G_u32[0]	5503
CDD_PWMDCycleCSum_Cnt_G_u32[1]	7901
CDD_PhaseAdvFinal_Cnt_G_u16[0]	246
CDD_PhaseAdvFinal_Cnt_G_u16[1]	536
CDD_RxMtrPosParityAccum_Cnt_G_u16[0]	246
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	536
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	8166
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	8172
CDD_SysCVSwitchADC_Cnt_G_u16[0]	2870
CDD_SysCVSwitchADC_Cnt_G_u16[1]	491
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	8166
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	8172
PXAccumPrev_Cnt_M_u32[0]	462833153
PXAccumPrev_Cnt_M_u32[1]	511876269
PXAccumPrev_Cnt_M_u32[2]	87923117

# TEST DETAILS REPORT

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Name	Input Value	Expected Value	Result
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	3959509760		
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	3370191104		
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	3686125312		
Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	0	0	✓
PXAccumPrev_Cnt_M_u32[0]	494938720	494938720	✓
PXAccumPrev_Cnt_M_u32[1]	421273888	421273888	✓
PXAccumPrev_Cnt_M_u32[2]	460765664	460765664	✓
Rte_Task_2ms_10.Rte_TB.Rte_I_CDDInterface_SysCVSwitchADC_Cnt_u16.value	491	491	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	0.477730006	0.477730006	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	0.780206978	0.780206978	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.523800015	0.523800015	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.523803711	0.523804009 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	3600	3600	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	4910	4910	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	7901	7901	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_LRPRF	50	50	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	32105567	32105567	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	446268531	446268531	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	372842547	372842547	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	0.246902466	0.246902004 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	852385460	852385460	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Modl	0.609603882	0.609604001 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	208.639999	208.639999	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	-161.350006	-161.350006	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	0	0	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	209.600006	209.600006	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	56.9500008	56.9500008	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	0.599976003	0.599976003	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	4.01862001	4.01862001	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_SysCC	0.124694824	0.124695003 ± 0.0000152587890625	✓

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	0
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	0.165694997
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.165800005
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	10859
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	10866
CDD_CumMechMtrPos_Rev_s15p16[0]	10859
CDD_CumMechMtrPos_Rev_s15p16[1]	10866
CDD_Die1RxError_Cnt_G_u16[0]	254
CDD_Die1RxError_Cnt_G_u16[1]	592
CDD_Die1RxMtrPos_Cnt_G_u16[0]	254
CDD_Die1RxMtrPos_Cnt_G_u16[1]	592
CDD_Die1RxRevCtr_Cnt_G_u16[0]	254
CDD_Die1RxRevCtr_Cnt_G_u16[1]	592
CDD_Die1UnderVltgFltAccum_Cnt_G_u16[0]	254
CDD_Die1UnderVltgFltAccum_Cnt_G_u16[1]	592
CDD_Die2RxError_Cnt_G_u16[0]	254
CDD_Die2RxError_Cnt_G_u16[1]	592
CDD_Die2RxMtrPos_Cnt_G_u16[0]	254
CDD_Die2RxMtrPos_Cnt_G_u16[1]	592
CDD_Die2RxRevCtr_Cnt_G_u16[0]	254
CDD_Die2RxRevCtr_Cnt_G_u16[1]	592
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	1887302325
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	2184289180
CDD_MechMtrPos1_Rev_G_u0p16[0]	26981
CDD_MechMtrPos1_Rev_G_u0p16[1]	26988
CDD_ModlxFinal_Uls_G_u16p16[0]	17427
CDD_ModlxFinal_Uls_G_u16p16[1]	63967
CDD_MtrCurr1_Volts_G_f32[0]	3.64931011
CDD_MtrCurr1_Volts_G_f32[1]	0.92502898
CDD_MtrCurr2_Volts_G_f32[0]	3.9219501
CDD_MtrCurr2_Volts_G_f32[1]	3.63291001
CDD_MtrCurrDax_Amp_G_f32[0]	-204.639999

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Name	Input Value
CDD_MtrCurrDax_Amp_G_f32[1]	-177.850006
CDD_MtrCurrK1_Amps_G_f32[0]	-25.5799999
CDD_MtrCurrK1_Amps_G_f32[1]	-20.4699993
CDD_MtrCurrK2_Amps_G_f32[0]	13.7799997
CDD_MtrCurrK2_Amps_G_f32[1]	15.6700001
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	72.3700027
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	88.3199997
CDD_MtrCurrQax_Amp_G_f32[0]	131.320007
CDD_MtrCurrQax_Amp_G_f32[1]	208.639999
CDD_MtrVoltDax_Volt_G_f32[0]	0.800000012
CDD_MtrVoltDax_Volt_G_f32[1]	0.899999976
CDD_MtrVoltQax_Volt_G_f32[0]	3.88624001
CDD_MtrVoltQax_Volt_G_f32[1]	1.02316999
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_RxMtrPosParityAccum_Cnt_G_u16[0]	254
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	592
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	16174
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	16181
CDD_SysCVSwitchADC_Cnt_G_u16[0]	1611
CDD_SysCVSwitchADC_Cnt_G_u16[1]	2377
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	16174
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	16181
PXAccumPrev_Cnt_M_u32[0]	52655159
PXAccumPrev_Cnt_M_u32[1]	75180599
PXAccumPrev_Cnt_M_u32[2]	313778393
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	1621543424
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	341813248
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	242832896

Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	1	1	✓
PXAccumPrev_Cnt_M_u32[0]	202692928	202692928	✓
PXAccumPrev_Cnt_M_u32[1]	42726656	42726656	✓
PXAccumPrev_Cnt_M_u32[2]	30354112	30354112	✓
Rte_Task_2ms_10.Rte_TB.Rte_I_CDDInterface_SysCVSwitchADC_Cnt_u16.value	1611	1611	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	3.64931011	3.64931011	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	3.9219501	3.9219501	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.165694997	0.165694997	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.16569519	0.165694997 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	2841	2841	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	6567	6567	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	5624	5624	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_LRPRF	23	23	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	150037769	150037769	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	504416969	504416969	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	253446631	253446631	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	0.411697388	0.411697 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	1887302325	1887302325	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ModIdx	0.265914917	0.265915006 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	-204.639999	-204.639999	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	-25.5799999	-25.5799999	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	13.7799997	13.7799997	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	131.320007	131.320007	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	72.3700027	72.3700027	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	0.800000012	0.800000012	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	3.88624001	3.88624001	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_SysCC	0.246795654	0.246795997 ± 0.0000152587890625	✓

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

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## Test Step 2.86 (Repeat Count = 1)

Name	Input Value	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	0	1	1	✓
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	0.231995001	304762016	304762016	✓
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.232099995	518256992	518256992	✓
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	15204			
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	15211			
CDD_CumMechMtrPos_Rev_s15p16[0]	15204			
CDD_CumMechMtrPos_Rev_s15p16[1]	15211			
CDD_Die1RxError_Cnt_G_u16[0]	262			
CDD_Die1RxError_Cnt_G_u16[1]	648			
CDD_Die1RxMtrPos_Cnt_G_u16[0]	262			
CDD_Die1RxMtrPos_Cnt_G_u16[1]	648			
CDD_Die1RxRevCtr_Cnt_G_u16[0]	262			
CDD_Die1RxRevCtr_Cnt_G_u16[1]	648			
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	262			
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]	648			
CDD_Die2RxError_Cnt_G_u16[0]	262			
CDD_Die2RxError_Cnt_G_u16[1]	648			
CDD_Die2RxMtrPos_Cnt_G_u16[0]	262			
CDD_Die2RxMtrPos_Cnt_G_u16[1]	648			
CDD_Die2RxRevCtr_Cnt_G_u16[0]	262			
CDD_Die2RxRevCtr_Cnt_G_u16[1]	648			
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	1354224867			
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	3669191344			
CDD_MechMtrPos1_Rev_G_u0p16[0]	34321			
CDD_MechMtrPos1_Rev_G_u0p16[1]	34328			
CDD_ModIdxFinal_Uls_G_u16p16[0]	64976			
CDD_ModIdxFinal_Uls_G_u16p16[1]	44			
CDD_MtrCurr1_Volts_G_f32[0]	4.63180017			
CDD_MtrCurr1_Volts_G_f32[1]	0.689031005			
CDD_MtrCurr2_Volts_G_f32[0]	1.36573994			
CDD_MtrCurr2_Volts_G_f32[1]	3.25485992			
CDD_MtrCurrDax_Amp_G_f32[0]	144.751007			
CDD_MtrCurrDax_Amp_G_f32[1]	155.233994			
CDD_MtrCurrK1_Amps_G_f32[0]	46.4199982			
CDD_MtrCurrK1_Amps_G_f32[1]	56.9500008			
CDD_MtrCurrK2_Amps_G_f32[0]	-15			
CDD_MtrCurrK2_Amps_G_f32[1]	-16.4500008			
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	-35.7999992			
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	30.6900005			
CDD_MtrCurrQax_Amp_G_f32[0]	-204.639999			
CDD_MtrCurrQax_Amp_G_f32[1]	-177.850006			
CDD_MtrVoltDax_Volt_G_f32[0]	0.25			
CDD_MtrVoltDax_Volt_G_f32[1]	1			
CDD_MtrVoltQax_Volt_G_f32[0]	0.0241775997			
CDD_MtrVoltQax_Volt_G_f32[1]	1.90389001			
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]	262			
CDD_PhaseAdvFinal_Cnt_G_u16[1]	648			
CDD_RxMtrPosParityAccum_Cnt_G_u16[0]	262			
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	648			
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	26981			
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	26988			
CDD_SysCVSwitchADC_Cnt_G_u16[0]	1736			
CDD_SysCVSwitchADC_Cnt_G_u16[1]	2320			
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	26981			
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	26988			
PXAccumPrev_Cnt_M_u32[0]	377625318			
PXAccumPrev_Cnt_M_u32[1]	153026100			
PXAccumPrev_Cnt_M_u32[2]	85177111			
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	2438096128			
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	4146055936			
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	3507142912			
CDD_CDDDataAccessBfr_Cnt_G_u16	1	1	1	✓
PXAccumPrev_Cnt_M_u32[0]	304762016	304762016	304762016	✓
PXAccumPrev_Cnt_M_u32[1]	518256992	518256992	518256992	✓



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Name	Actual Value	Expected Value	Result
PXAccumPrev_Cnt_M_u32[2]	438392864	438392864	✓
Rte_Task_2ms_10.Rte_TB.Rte_I_CDDInterface_SysCVSwitchADC_Cnt_u16.value	1736	1736	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	4.63180017	4.63180017	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	1.36573994	1.36573994	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.231995001	0.231995001	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.231994629	0.231995001 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	190	190	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	7688	7688	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	5745	5745	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_LRPRF	24	24	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	464007610	464007610	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	365230892	365230892	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	353215753	353215753	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	0.523696899	0.523697019 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	1354224867	1354224867	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Modl	0.991455078	0.991455019 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	144.751007	144.751007	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	46.4199982	46.4199982	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	-15	-15	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	-204.639999	-204.639999	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	-35.7999992	-35.7999992	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	0.25	0.25	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	0.0241775997	0.0241775997	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_SysCC	0.411697388	0.411697 ± 0.0000152587890625	✓

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
CDDPorts_ClearPhsReasSum	1	CDDPorts_ClearPhsReasSum	1	✓

## Test Step 2.87 (Repeat Count = 1)

Name	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16	0
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	0.368698001
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.368800014
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	24163
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	24170
CDD_CumMechMtrPos_Rev_s15p16[0]	24163
CDD_CumMechMtrPos_Rev_s15p16[1]	24170
CDD_Die1RxError_Cnt_G_u16[0]	270
CDD_Die1RxError_Cnt_G_u16[1]	704
CDD_Die1RxMtrPos_Cnt_G_u16[0]	270
CDD_Die1RxMtrPos_Cnt_G_u16[1]	704
CDD_Die1RxRevCtr_Cnt_G_u16[0]	270
CDD_Die1RxRevCtr_Cnt_G_u16[1]	704
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	270
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]	704
CDD_Die2RxError_Cnt_G_u16[0]	270
CDD_Die2RxError_Cnt_G_u16[1]	704
CDD_Die2RxMtrPos_Cnt_G_u16[0]	270
CDD_Die2RxMtrPos_Cnt_G_u16[1]	704
CDD_Die2RxRevCtr_Cnt_G_u16[0]	270
CDD_Die2RxRevCtr_Cnt_G_u16[1]	704
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	3940513946
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	3615687314
CDD_MechMtrPos1_Rev_G_u0p16[0]	43260
CDD_MechMtrPos1_Rev_G_u0p16[1]	43267
CDD_ModlxFinal_Uls_G_u16p16[0]	39186
CDD_ModlxFinal_Uls_G_u16p16[1]	36740
CDD_MtrCurr1_Volts_G_f32[0]	1.88955998
CDD_MtrCurr1_Volts_G_f32[1]	1.03043997
CDD_MtrCurr2_Volts_G_f32[0]	4.57511997
CDD_MtrCurr2_Volts_G_f32[1]	2.31652999
CDD_MtrCurrDax_Amp_G_f32[0]	-168.791
CDD_MtrCurrDax_Amp_G_f32[1]	-159.533997
CDD_MtrCurrK1_Amps_G_f32[0]	72.3700027
CDD_MtrCurrK1_Amps_G_f32[1]	88.3199997
CDD_MtrCurrK2_Amps_G_f32[0]	74.1699982
CDD_MtrCurrK2_Amps_G_f32[1]	96.0390015
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	-220
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	-220



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Name	Input Value
CDD_MtrCurrQax_Amp_G_f32[0]	136.520004
CDD_MtrCurrQax_Amp_G_f32[1]	212.479996
CDD_MtrVoltDax_Volt_G_f32[0]	0.359984994
CDD_MtrVoltDax_Volt_G_f32[1]	1.19994998
CDD_MtrVoltQax_Volt_G_f32[0]	4.37634993
CDD_MtrVoltQax_Volt_G_f32[1]	1.31221998
CDD_PWMdutyCycleASum_Cnt_G_u32[0]	198
CDD_PWMdutyCycleASum_Cnt_G_u32[1]	200
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_RxMtrPosParityAccum_Cnt_G_u16[0]	270
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	704
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	34321
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	34328
CDD_SysCVSwitchADC_Cnt_G_u16[0]	2109
CDD_SysCVSwitchADC_Cnt_G_u16[1]	2801
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	34321
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	34328
PXAccumPrev_Cnt_M_u32[0]	440177749
PXAccumPrev_Cnt_M_u32[1]	209959551
PXAccumPrev_Cnt_M_u32[2]	186538820
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	3279655936
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	4012597760
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	3905060864

Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	1	1	✓
PXAccumPrev_Cnt_M_u32[0]	409956992	409956992	✓
PXAccumPrev_Cnt_M_u32[1]	501574720	501574720	✓
PXAccumPrev_Cnt_M_u32[2]	488132608	488132608	✓
Rte_Task_2ms_10.Rte_TB.Rte_I_CDDInterface_SysCVSwitchADC_Cnt_u16.value	2109	2109	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	1.88955998	1.88955998	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	4.57511997	4.57511997	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.368698001	0.368698001	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.36869812	0.368698001 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	198	198	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	3867	3867	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	5628	5628	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_LRPRF	25	25	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	506650155	506650155	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	291615169	291615169	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	301593788	301593788	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	0.660095215	0.660094976 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	3940513946	3940513946	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Modl	0.597930908	0.597931027 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	-168.791	-168.791	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	72.3700027	72.3700027	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	74.1699982	74.1699982	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	136.520004	136.520004	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	-220	-220	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	0.359984994	0.359984994	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	4.37634993	4.37634993	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_SysCC	0.523696899	0.523697019 ± 0.0000152587890625	✓

## Test Step Call Trace

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	0
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	0.49000001
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.490096986
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	32113
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	32119
CDD_CumMechMtrPos_Rev_s15p16[0]	32113
CDD_CumMechMtrPos_Rev_s15p16[1]	32119

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Name	Input Value		
CDD_Die1RxError_Cnt_G_u16[0]	238		
CDD_Die1RxError_Cnt_G_u16[1]	480		
CDD_Die1RxMtrPos_Cnt_G_u16[0]	238		
CDD_Die1RxMtrPos_Cnt_G_u16[1]	480		
CDD_Die1RxRevCtr_Cnt_G_u16[0]	238		
CDD_Die1RxRevCtr_Cnt_G_u16[1]	480		
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	238		
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]	480		
CDD_Die2RxError_Cnt_G_u16[0]	238		
CDD_Die2RxError_Cnt_G_u16[1]	480		
CDD_Die2RxMtrPos_Cnt_G_u16[0]	238		
CDD_Die2RxMtrPos_Cnt_G_u16[1]	480		
CDD_Die2RxRevCtr_Cnt_G_u16[0]	238		
CDD_Die2RxRevCtr_Cnt_G_u16[1]	480		
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	1466917035		
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	3725627842		
CDD_MechMtrPos1_Rev_G_u0p16[0]	8166		
CDD_MechMtrPos1_Rev_G_u0p16[1]	8172		
CDD_ModIdxFinal_Uls_G_u16p16[0]	19616		
CDD_ModIdxFinal_Uls_G_u16p16[1]	23860		
CDD_MtrCurr1_Volts_G_f32[0]	2.36827993		
CDD_MtrCurr1_Volts_G_f32[1]	1.25610006		
CDD_MtrCurr2_Volts_G_f32[0]	1.79153001		
CDD_MtrCurr2_Volts_G_f32[1]	2.39858007		
CDD_MtrCurrDax_Amp_G_f32[0]	-201.020004		
CDD_MtrCurrDax_Amp_G_f32[1]	-190.276993		
CDD_MtrCurrK1_Amps_G_f32[0]	100.910004		
CDD_MtrCurrK1_Amps_G_f32[1]	138.539993		
CDD_MtrCurrK2_Amps_G_f32[0]	-76.8600006		
CDD_MtrCurrK2_Amps_G_f32[1]	-62.4799995		
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	220		
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	220		
CDD_MtrCurrQax_Amp_G_f32[0]	-200.130005		
CDD_MtrCurrQax_Amp_G_f32[1]	-146.240005		
CDD_MtrVoltDax_Volt_G_f32[0]	0.0999756008		
CDD_MtrVoltDax_Volt_G_f32[1]	0.199950993		
CDD_MtrVoltQax_Volt_G_f32[0]	0.506834984		
CDD_MtrVoltQax_Volt_G_f32[1]	0.635599017		
CDD_PWMdutyCycleASum_Cnt_G_u32[0]	262		
CDD_PWMdutyCycleASum_Cnt_G_u32[1]	648		
CDD_PWMdutyCycleBSum_Cnt_G_u32[0]	214		
CDD_PWMdutyCycleBSum_Cnt_G_u32[1]	312		
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_RxMtrPosParityAccum_Cnt_G_u16[0]	238		
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	480		
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	43260		
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	43267		
CDD_SysCVSwitchADC_Cnt_G_u16[0]	1593		
CDD_SysCVSwitchADC_Cnt_G_u16[1]	2778		
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	43260		
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	43267		
PXAccumPrev_Cnt_M_u32[0]	9508982		
PXAccumPrev_Cnt_M_u32[1]	150377792		
PXAccumPrev_Cnt_M_u32[2]	207714048		
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	2424047360		
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	1445240064		
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	861356800		
Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	1	1	✔
PXAccumPrev_Cnt_M_u32[0]	303005920	303005920	✔
PXAccumPrev_Cnt_M_u32[1]	180655008	180655008	✔
PXAccumPrev_Cnt_M_u32[2]	107669600	107669600	✔
Rte_Task_2ms_10.Rte_TB.Rte_I_CDDInterface_SysCVSwitchADC_Cnt_u16.value	1593	1593	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	2.36827993	2.36827993	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	1.79153001	1.79153001	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.49000001	0.49000001	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.490005493	0.490004987 ± 0.0000152587890625	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	262	262	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	214	214	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	5382	5382	✔

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Name	Actual Value	Expected Value	Result
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_LRPRF	22	22	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	293496938	293496938	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	30277216	30277216	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	436826464	436826464	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	0.124603271	0.124603003 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	1466917035	1466917035	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Modlxd	0.299316406	0.299315989 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	-201.020004	-201.020004	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	100.910004	100.910004	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	-76.8600006	-76.8600006	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	-200.130005	-200.130005	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	220	220	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	0.0999756008	0.0999756008	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	0.506834984	0.506834984	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_SysCC	0.660095215	0.660094976 ± 0.0000152587890625	✓

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]	0.659698009
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.659799993
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	43234
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	43241
CDD_CumMechMtrPos_Rev_s15p16[0]	43234
CDD_CumMechMtrPos_Rev_s15p16[1]	43241
CDD_Die1RxError_Cnt_G_u16[0]	246
CDD_Die1RxError_Cnt_G_u16[1]	536
CDD_Die1RxMtrPos_Cnt_G_u16[0]	246
CDD_Die1RxMtrPos_Cnt_G_u16[1]	536
CDD_Die1RxRevCtr_Cnt_G_u16[0]	246
CDD_Die1RxRevCtr_Cnt_G_u16[1]	536
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	246
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]	536
CDD_Die2RxError_Cnt_G_u16[0]	246
CDD_Die2RxError_Cnt_G_u16[1]	536
CDD_Die2RxMtrPos_Cnt_G_u16[0]	246
CDD_Die2RxMtrPos_Cnt_G_u16[1]	536
CDD_Die2RxRevCtr_Cnt_G_u16[0]	246
CDD_Die2RxRevCtr_Cnt_G_u16[1]	536
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	1466917036
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	2152761271
CDD_MechMtrPos1_Rev_G_u0p16[0]	24189
CDD_MechMtrPos1_Rev_G_u0p16[1]	24196
CDD_ModlxdFinal_Uls_G_u16p16[0]	59939
CDD_ModlxdFinal_Uls_G_u16p16[1]	61918
CDD_MtrCurr1_Volts_G_f32[0]	3.00749993
CDD_MtrCurr1_Volts_G_f32[1]	2.33482003
CDD_MtrCurr2_Volts_G_f32[0]	2.89438009
CDD_MtrCurr2_Volts_G_f32[1]	1.90191996
CDD_MtrCurrDax_Amp_G_f32[0]	135.220001
CDD_MtrCurrDax_Amp_G_f32[1]	211.520004
CDD_MtrCurrK1_Amps_G_f32[0]	116.019997
CDD_MtrCurrK1_Amps_G_f32[1]	159.070007
CDD_MtrCurrK2_Amps_G_f32[0]	64.1500015
CDD_MtrCurrK2_Amps_G_f32[1]	79.5999985
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	0
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	0
CDD_MtrCurrQax_Amp_G_f32[0]	132.619995
CDD_MtrCurrQax_Amp_G_f32[1]	209.600006
CDD_MtrVoltDax_Volt_G_f32[0]	0.5
CDD_MtrVoltDax_Volt_G_f32[1]	0.599976003
CDD_MtrVoltQax_Volt_G_f32[0]	2.78744006
CDD_MtrVoltQax_Volt_G_f32[1]	3.23184991
CDD_PWMDDutyCycleASum_Cnt_G_u32[0]	270
CDD_PWMDDutyCycleASum_Cnt_G_u32[1]	704
CDD_PWMDDutyCycleBSum_Cnt_G_u32[0]	222

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Name	Input Value		
CDD_PWMDDutyCycleBSum_Cnt_G_u32[1]	368		
CDD_PWMDDutyCycleCSum_Cnt_G_u32[0]	5503		
CDD_PWMDDutyCycleCSum_Cnt_G_u32[1]	7901		
CDD_PhaseAdvFinal_Cnt_G_u16[0]	246		
CDD_PhaseAdvFinal_Cnt_G_u16[1]	536		
CDD_RxMtrPosParityAccum_Cnt_G_u16[0]	246		
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	536		
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	8166		
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	8172		
CDD_SysCVSwitchADC_Cnt_G_u16[0]	1367		
CDD_SysCVSwitchADC_Cnt_G_u16[1]	487		
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	8166		
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	8172		
PXAccumPrev_Cnt_M_u32[0]	77474405		
PXAccumPrev_Cnt_M_u32[1]	344672395		
PXAccumPrev_Cnt_M_u32[2]	536328766		
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	4010192384		
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	2749688832		
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	2388982272		
Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	0	0	✓
PXAccumPrev_Cnt_M_u32[0]	501274048	501274048	✓
PXAccumPrev_Cnt_M_u32[1]	343711104	343711104	✓
PXAccumPrev_Cnt_M_u32[2]	298622784	298622784	✓
Rte_Task_2ms_10.Rte_TB.Rte_I_CDDInterface_SysCVSwitchADC_Cnt_u16.value	487	487	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	2.33482003	2.33482003	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	1.90191996	1.90191996	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.659799993	0.659799993	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.659805298	0.659805 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	704	704	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	368	368	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	7901	7901	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_LRPRF	50	50	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	423799643	423799643	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	535909621	535909621	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	299164930	299164930	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	0.36920166	0.369201988 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	2152761271	2152761271	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Modldx	0.944793701	0.944793999 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	211.520004	211.520004	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	159.070007	159.070007	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	79.5999985	79.5999985	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	209.600006	209.600006	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	0	0	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	0.599976003	0.599976003	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	3.23184991	3.23184991	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_SysCC	0.124694824	0.124695003 ± 0.0000152587890625	✓

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
CDDPorts_ClearPhsReasSum	1	CDDPorts_ClearPhsReasSum	1	✓

## Test Step 2.90 (Repeat Count = 1)

Name	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16	0
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	0.124200001
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.124297999
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	8140
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	8146
CDD_CumMechMtrPos_Rev_s15p16[0]	8140
CDD_CumMechMtrPos_Rev_s15p16[1]	8146
CDD_Die1RxError_Cnt_G_u16[0]	254
CDD_Die1RxError_Cnt_G_u16[1]	592
CDD_Die1RxMtrPos_Cnt_G_u16[0]	254
CDD_Die1RxMtrPos_Cnt_G_u16[1]	592
CDD_Die1RxRevCtr_Cnt_G_u16[0]	254
CDD_Die1RxRevCtr_Cnt_G_u16[1]	592
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	254
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]	592
CDD_Die2RxError_Cnt_G_u16[0]	254

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Name	Input Value		
CDD_Die2RxError_Cnt_G_u16[1]	592		
CDD_Die2RxMtrPos_Cnt_G_u16[0]	254		
CDD_Die2RxMtrPos_Cnt_G_u16[1]	592		
CDD_Die2RxRevCtr_Cnt_G_u16[0]	254		
CDD_Die2RxRevCtr_Cnt_G_u16[1]	592		
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	4196219574		
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	117870624		
CDD_MechMtrPos1_Rev_G_u0p16[0]	32139		
CDD_MechMtrPos1_Rev_G_u0p16[1]	32145		
CDD_ModIdxFinal_Uls_G_u16p16[0]	33963		
CDD_ModIdxFinal_Uls_G_u16p16[1]	44262		
CDD_MtrCurr1_Volts_G_f32[0]	3.57459998		
CDD_MtrCurr1_Volts_G_f32[1]	2.8961699		
CDD_MtrCurr2_Volts_G_f32[0]	1.81177998		
CDD_MtrCurr2_Volts_G_f32[1]	4.61495018		
CDD_MtrCurrDax_Amp_G_f32[0]	136.520004		
CDD_MtrCurrDax_Amp_G_f32[1]	212.479996		
CDD_MtrCurrK1_Amps_G_f32[0]	131.130005		
CDD_MtrCurrK1_Amps_G_f32[1]	179.600006		
CDD_MtrCurrK2_Amps_G_f32[0]	65.8199997		
CDD_MtrCurrK2_Amps_G_f32[1]	82.3399963		
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	13.7799997		
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	15.6700001		
CDD_MtrCurrQax_Amp_G_f32[0]	131.320007		
CDD_MtrCurrQax_Amp_G_f32[1]	208.639999		
CDD_MtrVoltDax_Volt_G_f32[0]	0.800000012		
CDD_MtrVoltDax_Volt_G_f32[1]	0.899999976		
CDD_MtrVoltQax_Volt_G_f32[0]	3.13340998		
CDD_MtrVoltQax_Volt_G_f32[1]	3.87700009		
CDD_PWMdutyCycleASum_Cnt_G_u32[0]	278		
CDD_PWMdutyCycleASum_Cnt_G_u32[1]	760		
CDD_PWMdutyCycleBSum_Cnt_G_u32[0]	230		
CDD_PWMdutyCycleBSum_Cnt_G_u32[1]	424		
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_RxMtrPosParityAccum_Cnt_G_u16[0]	254		
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	592		
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	16174		
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	16181		
CDD_SysCVSwitchADC_Cnt_G_u16[0]	3910		
CDD_SysCVSwitchADC_Cnt_G_u16[1]	2737		
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	16174		
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	16181		
PXAccumPrev_Cnt_M_u32[0]	113963442		
PXAccumPrev_Cnt_M_u32[1]	154843292		
PXAccumPrev_Cnt_M_u32[2]	468607865		
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	2999105792		
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	3802136320		
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	4242003200		
Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	1	1	✔
PXAccumPrev_Cnt_M_u32[0]	374888224	374888224	✔
PXAccumPrev_Cnt_M_u32[1]	475267040	475267040	✔
PXAccumPrev_Cnt_M_u32[2]	530250400	530250400	✔
Rte_Task_2ms_10.Rte_TB.Rte_I_CDDInterface_SysCVSwitchADC_Cnt_u16.value	3910	3910	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	3.57459998	3.57459998	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	1.81177998	1.81177998	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.124200001	0.124200001	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.124206543	0.124206997 ± 0.0000152587890625	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	278	278	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	230	230	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	5624	5624	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_LRPRF	23	23	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	260924782	260924782	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	320423748	320423748	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	61642535	61642535	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	0.490402222	0.490402013 ± 0.0000152587890625	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	4196219574	4196219574	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ModIdx	0.518234253	0.518234015 ± 0.0000152587890625	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	136.520004	136.520004	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	131.130005	131.130005	✔

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Name	Actual Value	Expected Value	Result
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCurr	65.8199997	65.8199997	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCurr	131.320007	131.320007	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCurr	13.7799997	13.7799997	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	0.80000012	0.80000012	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	3.13340998	3.13340998	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_SysCC	0.246795654	0.246795997 ± 0.0000152587890625	✓

Test Step Call Trace				
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	0
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	0.246399
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.2465
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	16148
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	16155
CDD_CumMechMtrPos_Rev_s15p16[0]	16148
CDD_CumMechMtrPos_Rev_s15p16[1]	16155
CDD_Die1RxError_Cnt_G_u16[0]	5261
CDD_Die1RxError_Cnt_G_u16[1]	7527
CDD_Die1RxMtrPos_Cnt_G_u16[0]	5261
CDD_Die1RxMtrPos_Cnt_G_u16[1]	7527
CDD_Die1RxRevCtr_Cnt_G_u16[0]	5261
CDD_Die1RxRevCtr_Cnt_G_u16[1]	7527
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	5261
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]	7527
CDD_Die2RxError_Cnt_G_u16[0]	5261
CDD_Die2RxError_Cnt_G_u16[1]	7527
CDD_Die2RxMtrPos_Cnt_G_u16[0]	5261
CDD_Die2RxMtrPos_Cnt_G_u16[1]	7527
CDD_Die2RxRevCtr_Cnt_G_u16[0]	190
CDD_Die2RxRevCtr_Cnt_G_u16[1]	192
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	472664731
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	2820043234
CDD_MechMtrPos1_Rev_G_u0p16[0]	43260
CDD_MechMtrPos1_Rev_G_u0p16[1]	43267
CDD_ModIdxFinal_Uls_G_u16p16[0]	46334
CDD_ModIdxFinal_Uls_G_u16p16[1]	19056
CDD_MtrCurr1_Volts_G_f32[0]	1.92955005
CDD_MtrCurr1_Volts_G_f32[1]	2.25096011
CDD_MtrCurr2_Volts_G_f32[0]	0.694299996
CDD_MtrCurr2_Volts_G_f32[1]	1.48430002
CDD_MtrCurrDax_Amp_G_f32[0]	131.130005
CDD_MtrCurrDax_Amp_G_f32[1]	179.600006
CDD_MtrCurrK1_Amps_G_f32[0]	136.520004
CDD_MtrCurrK1_Amps_G_f32[1]	212.479996
CDD_MtrCurrK2_Amps_G_f32[0]	27.2000008
CDD_MtrCurrK2_Amps_G_f32[1]	24.25
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	-15.4856997
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	-16.4500008
CDD_MtrCurrQax_Amp_G_f32[0]	141.156998
CDD_MtrCurrQax_Amp_G_f32[1]	151.380005
CDD_MtrVoltDax_Volt_G_f32[0]	1.55999994
CDD_MtrVoltDax_Volt_G_f32[1]	1.88999999
CDD_MtrVoltQax_Volt_G_f32[0]	0.0843484029
CDD_MtrVoltQax_Volt_G_f32[1]	3.43975997
CDD_PWMdutyCycleASum_Cnt_G_u32[0]	5382
CDD_PWMdutyCycleASum_Cnt_G_u32[1]	7714
CDD_PWMdutyCycleBSum_Cnt_G_u32[0]	100
CDD_PWMdutyCycleBSum_Cnt_G_u32[1]	150
CDD_PWMdutyCycleCSum_Cnt_G_u32[0]	3204
CDD_PWMdutyCycleCSum_Cnt_G_u32[1]	4348
CDD_PhaseAdvFinal_Cnt_G_u16[0]	6350
CDD_PhaseAdvFinal_Cnt_G_u16[1]	9210
CDD_RxMtrPosParityAccum_Cnt_G_u16[0]	6350
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	9210
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	47972
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	54539



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Name	Input Value		
CDD_SysCVSwitchADC_Cnt_G_u16[0]	2905		
CDD_SysCVSwitchADC_Cnt_G_u16[1]	779		
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	47972		
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	54539		
PXAccumPrev_Cnt_M_u32[0]	369999143		
PXAccumPrev_Cnt_M_u32[1]	177258103		
PXAccumPrev_Cnt_M_u32[2]	273455041		
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	964335616		
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	2658846208		
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	2729133056		
Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	1	1	✓
PXAccumPrev_Cnt_M_u32[0]	120541952	120541952	✓
PXAccumPrev_Cnt_M_u32[1]	332355776	332355776	✓
PXAccumPrev_Cnt_M_u32[2]	341141632	341141632	✓
Rte_Task_2ms_10.Rte_TB.Rte_I_CDDInterface_SysCVSwitchADC_Cnt_u16.value	2905	2905	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	1.92955005	1.92955005	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	0.694299996	0.694299996	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.246399	0.246399	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.246398926	0.246399 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	5382	5382	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	100	100	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	3204	3204	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_LRPRF	595	595	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	287413721	287413721	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	155097673	155097673	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	67686591	67686591	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	0.660095215	0.660094976 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	472664731	472664731	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Modidx	0.707000732	0.707000971 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	131.130005	131.130005	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	136.520004	136.520004	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	27.2000008	27.2000008	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	141.156998	141.156998	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	-15.4856997	-15.4856997	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	1.55999994	1.55999994	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	0.0843484029	0.0843484029	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_SysCC	0.731994629	0.731994987 ± 0.0000152587890625	✓

Test Step Call Trace				
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	0
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	0.313095003
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.313199997
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	20519
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	20526
CDD_CumMechMtrPos_Rev_s15p16[0]	20519
CDD_CumMechMtrPos_Rev_s15p16[1]	20526
CDD_Die1RxError_Cnt_G_u16[0]	5382
CDD_Die1RxError_Cnt_G_u16[1]	7714
CDD_Die1RxMtrPos_Cnt_G_u16[0]	5382
CDD_Die1RxMtrPos_Cnt_G_u16[1]	7714
CDD_Die1RxRevCtr_Cnt_G_u16[0]	5382
CDD_Die1RxRevCtr_Cnt_G_u16[1]	7714
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	5382
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]	7714
CDD_Die2RxError_Cnt_G_u16[0]	5382
CDD_Die2RxError_Cnt_G_u16[1]	7714
CDD_Die2RxMtrPos_Cnt_G_u16[0]	5382
CDD_Die2RxMtrPos_Cnt_G_u16[1]	7714
CDD_Die2RxRevCtr_Cnt_G_u16[0]	2962
CDD_Die2RxRevCtr_Cnt_G_u16[1]	3974
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	1999715327
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	1762676376
CDD_MechMtrPos1_Rev_G_u0p16[0]	8166
CDD_MechMtrPos1_Rev_G_u0p16[1]	8172



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Name	Input Value		
CDD_ModIdxFinal_Uls_G_u16p16[0]	39546		
CDD_ModIdxFinal_Uls_G_u16p16[1]	56638		
CDD_MtrCurr1_Volts_G_f32[0]	4.82125998		
CDD_MtrCurr1_Volts_G_f32[1]	4.6947999		
CDD_MtrCurr2_Volts_G_f32[0]	1.83563995		
CDD_MtrCurr2_Volts_G_f32[1]	3.76260996		
CDD_MtrCurrDax_Amp_G_f32[0]	-200.130005		
CDD_MtrCurrDax_Amp_G_f32[1]	-146.240005		
CDD_MtrCurrK1_Amps_G_f32[0]	137.820007		
CDD_MtrCurrK1_Amps_G_f32[1]	213.440002		
CDD_MtrCurrK2_Amps_G_f32[0]	28.4200001		
CDD_MtrCurrK2_Amps_G_f32[1]	25.0300007		
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	10.2299995		
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	20.5599995		
CDD_MtrCurrQax_Amp_G_f32[0]	-220		
CDD_MtrCurrQax_Amp_G_f32[1]	-220		
CDD_MtrVoltDax_Volt_G_f32[0]	2.34998012		
CDD_MtrVoltDax_Volt_G_f32[1]	3.55999994		
CDD_MtrVoltQax_Volt_G_f32[0]	4.46573019		
CDD_MtrVoltQax_Volt_G_f32[1]	1.40228999		
CDD_PWMdutyCycleASum_Cnt_G_u32[0]	5503		
CDD_PWMdutyCycleASum_Cnt_G_u32[1]	7901		
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_RxMtrPosParityAccum_Cnt_G_u16[0]	214		
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	312		
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	59769		
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	61099		
CDD_SysCVSwitchADC_Cnt_G_u16[0]	2804		
CDD_SysCVSwitchADC_Cnt_G_u16[1]	1077		
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	59769		
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	61099		
PXAccumPrev_Cnt_M_u32[0]	280359665		
PXAccumPrev_Cnt_M_u32[1]	314015655		
PXAccumPrev_Cnt_M_u32[2]	203202697		
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	3750689536		
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	851865856		
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	2376922880		
Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	1	1	✓
PXAccumPrev_Cnt_M_u32[0]	468836192	468836192	✓
PXAccumPrev_Cnt_M_u32[1]	106483232	106483232	✓
PXAccumPrev_Cnt_M_u32[2]	297115360	297115360	✓
Rte_Task_2ms_10.Rte_TB.Rte_I_CDDInterface_SysCVSwitchADC_Cnt_u16.value	2804	2804	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	4.82125998	4.82125998	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	1.83563995	1.83563995	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.313095003	0.313095003	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.313095093	0.313095003 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	5503	5503	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	126	126	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	3325	3325	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_LRPRF	20	20	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	188476527	188476527	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	329338489	329338489	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	93912663	93912663	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	0.124603271	0.124603003 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	1999715327	1999715327	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ModIdx	0.603424072	0.603424013 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	-200.130005	-200.130005	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	137.820007	137.820007	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	28.4200001	28.4200001	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	-220	-220	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	10.2299995	10.2299995	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	2.34998012	2.34998012	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	4.46573019	4.46573019	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_SysCC	0.912002563	0.912002981 ± 0.0000152587890625	✓

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CDDInterface\_Per1



## Test Step Call Trace

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	1
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	0.41189599
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.412
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	26994
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	27001
CDD_CumMechMtrPos_Rev_s15p16[0]	26994
CDD_CumMechMtrPos_Rev_s15p16[1]	27001
CDD_Die1RxError_Cnt_G_u16[0]	5624
CDD_Die1RxError_Cnt_G_u16[1]	8088
CDD_Die1RxMtrPos_Cnt_G_u16[0]	5624
CDD_Die1RxMtrPos_Cnt_G_u16[1]	8088
CDD_Die1RxRevCtr_Cnt_G_u16[0]	5624
CDD_Die1RxRevCtr_Cnt_G_u16[1]	8088
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	5624
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]	8088
CDD_Die2RxError_Cnt_G_u16[0]	5624
CDD_Die2RxError_Cnt_G_u16[1]	8088
CDD_Die2RxMtrPos_Cnt_G_u16[0]	5624
CDD_Die2RxMtrPos_Cnt_G_u16[1]	8088
CDD_Die2RxRevCtr_Cnt_G_u16[0]	3083
CDD_Die2RxRevCtr_Cnt_G_u16[1]	4161
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	1951727467
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	648188276
CDD_MechMtrPos1_Rev_G_u0p16[0]	16174
CDD_MechMtrPos1_Rev_G_u0p16[1]	16181
CDD_ModIdxFinal_Uls_G_u16p16[0]	16283
CDD_ModIdxFinal_Uls_G_u16p16[1]	64677
CDD_MtrCurr1_Volts_G_f32[0]	2.46885991
CDD_MtrCurr1_Volts_G_f32[1]	2.62941003
CDD_MtrCurr2_Volts_G_f32[0]	0.390754998
CDD_MtrCurr2_Volts_G_f32[1]	1.95668995
CDD_MtrCurrDax_Amp_G_f32[0]	-210.660004
CDD_MtrCurrDax_Amp_G_f32[1]	-161.350006
CDD_MtrCurrK1_Amps_G_f32[0]	139.119995
CDD_MtrCurrK1_Amps_G_f32[1]	214.399994
CDD_MtrCurrK2_Amps_G_f32[0]	75.8399963
CDD_MtrCurrK2_Amps_G_f32[1]	98.7699966
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	15.7799997
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	25.2299995
CDD_MtrCurrQax_Amp_G_f32[0]	220
CDD_MtrCurrQax_Amp_G_f32[1]	220
CDD_MtrVoltDax_Volt_G_f32[0]	1.66999996
CDD_MtrVoltDax_Volt_G_f32[1]	2.68000007
CDD_MtrVoltQax_Volt_G_f32[0]	3.78116989
CDD_MtrVoltQax_Volt_G_f32[1]	0.737523973
CDD_PWMDDutyCycleASum_Cnt_G_u32[0]	5624
CDD_PWMDDutyCycleASum_Cnt_G_u32[1]	8088
CDD_PWMDDutyCycleBSum_Cnt_G_u32[0]	134
CDD_PWMDDutyCycleBSum_Cnt_G_u32[1]	157
CDD_PWMDDutyCycleCSum_Cnt_G_u32[0]	3446
CDD_PWMDDutyCycleCSum_Cnt_G_u32[1]	4722
CDD_PhaseAdvFinal_Cnt_G_u16[0]	222
CDD_PhaseAdvFinal_Cnt_G_u16[1]	368
CDD_RxMtrPosParityAccum_Cnt_G_u16[0]	222
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	368
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	34321
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	34328
CDD_SysCVSwitchADC_Cnt_G_u16[0]	1772
CDD_SysCVSwitchADC_Cnt_G_u16[1]	3231
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	34321
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	34328
PXAccumPrev_Cnt_M_u32[0]	66499112
PXAccumPrev_Cnt_M_u32[1]	248044673
PXAccumPrev_Cnt_M_u32[2]	290434564

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Name	Input Value	Expected Value	Result
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	782094848		
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	2387570688		
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	657710592		
Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	0	0	✓
PXAccumPrev_Cnt_M_u32[0]	97761856	97761856	✓
PXAccumPrev_Cnt_M_u32[1]	298446336	298446336	✓
PXAccumPrev_Cnt_M_u32[2]	82213824	82213824	✓
Rte_Task_2ms_10.Rte_TB.Rte_I_CDDInterface_SysCVSwitchADC_Cnt_u16.value	3231	3231	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	2.62941003	2.62941003	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	1.95668995	1.95668995	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.412	0.412	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.412002563	0.412003011 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	8088	8088	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	157	157	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	4722	4722	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_LRPRF	34	34	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	31262744	31262744	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	50401663	50401663	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	328650172	328650172	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	0.246902466	0.246902004 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	648188276	648188276	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Modl	0.9868927	0.986892998 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	-161.350006	-161.350006	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	214.399994	214.399994	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	98.7699966	98.7699966	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	220	220	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	25.2299995	25.2299995	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	2.68000007	2.68000007	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	0.737523973	0.737523973	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_SysCC	0.523803711	0.523804009 ± 0.0000152587890625	✓

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]	0.523895025
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.523999989
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	34334
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	34341
CDD_CumMechMtrPos_Rev_s15p16[0]	34334
CDD_CumMechMtrPos_Rev_s15p16[1]	34341
CDD_Die1RxError_Cnt_G_u16[0]	5745
CDD_Die1RxError_Cnt_G_u16[1]	8275
CDD_Die1RxMtrPos_Cnt_G_u16[0]	5745
CDD_Die1RxMtrPos_Cnt_G_u16[1]	8275
CDD_Die1RxRevCtr_Cnt_G_u16[0]	5745
CDD_Die1RxRevCtr_Cnt_G_u16[1]	8275
CDD_Die1UnderVltgFltAccum_Cnt_G_u16[0]	5745
CDD_Die1UnderVltgFltAccum_Cnt_G_u16[1]	8275
CDD_Die2RxError_Cnt_G_u16[0]	5745
CDD_Die2RxError_Cnt_G_u16[1]	8275
CDD_Die2RxMtrPos_Cnt_G_u16[0]	5745
CDD_Die2RxMtrPos_Cnt_G_u16[1]	8275
CDD_Die2RxRevCtr_Cnt_G_u16[0]	3204
CDD_Die2RxRevCtr_Cnt_G_u16[1]	4348
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	1204171193
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	1084180652
CDD_MechMtrPos1_Rev_G_u0p16[0]	26981
CDD_MechMtrPos1_Rev_G_u0p16[1]	26988
CDD_ModlxFinal_Uls_G_u16p16[0]	51222
CDD_ModlxFinal_Uls_G_u16p16[1]	40823
CDD_MtrCurr1_Volts_G_f32[0]	1.17303002
CDD_MtrCurr1_Volts_G_f32[1]	3.16022992
CDD_MtrCurr2_Volts_G_f32[0]	0.076024197
CDD_MtrCurr2_Volts_G_f32[1]	1.02434003
CDD_MtrCurrDax_Amp_G_f32[0]	-25.5799999

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Name	Input Value		
CDD_MtrCurrDax_Amp_G_f32[1]	-20.4699993		
CDD_MtrCurrK1_Amps_G_f32[0]	140.419998		
CDD_MtrCurrK1_Amps_G_f32[1]	215.360001		
CDD_MtrCurrK2_Amps_G_f32[0]	-63.7799988		
CDD_MtrCurrK2_Amps_G_f32[1]	-56.2299995		
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	66.1999969		
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	88.0999985		
CDD_MtrCurrQax_Amp_G_f32[0]	0		
CDD_MtrCurrQax_Amp_G_f32[1]	0		
CDD_MtrVoltDax_Volt_G_f32[0]	1.67999995		
CDD_MtrVoltDax_Volt_G_f32[1]	2.68993998		
CDD_MtrVoltQax_Volt_G_f32[0]	3.56175995		
CDD_MtrVoltQax_Volt_G_f32[1]	4.4730401		
CDD_PWMdutyCycleASum_Cnt_G_u32[0]	5745		
CDD_PWMdutyCycleASum_Cnt_G_u32[1]	8275		
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_RxMtrPosParityAccum_Cnt_G_u16[0]	230		
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	424		
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	10859		
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	10866		
CDD_SysCVSwitchADC_Cnt_G_u16[0]	2714		
CDD_SysCVSwitchADC_Cnt_G_u16[1]	2244		
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	10859		
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	10866		
PXAccumPrev_Cnt_M_u32[0]	191979929		
PXAccumPrev_Cnt_M_u32[1]	388834497		
PXAccumPrev_Cnt_M_u32[2]	239818080		
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	2911718656		
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	3799020288		
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	2063280384		
Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	0	0	✔
PXAccumPrev_Cnt_M_u32[0]	363964832	363964832	✔
PXAccumPrev_Cnt_M_u32[1]	474877536	474877536	✔
PXAccumPrev_Cnt_M_u32[2]	257910048	257910048	✔
Rte_Task_2ms_10.Rte_TB.Rte_I_CDDInterface_SysCVSwitchADC_Cnt_u16.value	2244	2244	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	3.16022992	3.16022992	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	1.02434003	1.02434003	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.523999989	0.523999989	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.524002075	0.524002016 ± 0.0000152587890625	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	8275	8275	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	158	158	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	4909	4909	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_LRPRF	39	39	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	171984903	171984903	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	86043039	86043039	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	18091968	18091968	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	0.411804199	0.411803991 ± 0.0000152587890625	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	1084180652	1084180652	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ModIdx	0.622909546	0.622910023 ± 0.0000152587890625	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	-20.4699993	-20.4699993	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	215.360001	215.360001	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	-56.2299995	-56.2299995	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	0	0	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	88.0999985	88.0999985	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	2.68993998	2.68993998	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	4.4730401	4.4730401	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_SysCC	0.165802002	0.165802002 ± 0.0000152587890625	✔





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

# TEST DETAILS REPORT

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CDDInterface\_Per1



Test Step 2.95 (Repeat Count = 1)				
Name		Input Value		
CDD_CDDDataAccessBfr_Cnt_G_u16		0		
CDD_CorrMtrCurrPosition_Rev_G_f32[0]		0.165894002		
CDD_CorrMtrCurrPosition_Rev_G_f32[1]		0.165999994		
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]		10872		
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]		10879		
CDD_CumMechMtrPos_Rev_s15p16[0]		10872		
CDD_CumMechMtrPos_Rev_s15p16[1]		10879		
CDD_Die1RxError_Cnt_G_u16[0]		5628		
CDD_Die1RxError_Cnt_G_u16[1]		8097		
CDD_Die1RxMtrPos_Cnt_G_u16[0]		5628		
CDD_Die1RxMtrPos_Cnt_G_u16[1]		8097		
CDD_Die1RxRevCtr_Cnt_G_u16[0]		5628		
CDD_Die1RxRevCtr_Cnt_G_u16[1]		8097		
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]		5628		
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]		8097		
CDD_Die2RxError_Cnt_G_u16[0]		5628		
CDD_Die2RxError_Cnt_G_u16[1]		8097		
CDD_Die2RxMtrPos_Cnt_G_u16[0]		5628		
CDD_Die2RxMtrPos_Cnt_G_u16[1]		8097		
CDD_Die2RxRevCtr_Cnt_G_u16[0]		3325		
CDD_Die2RxRevCtr_Cnt_G_u16[1]		4535		
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]		2429702552		
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]		3674751938		
CDD_MechMtrPos1_Rev_G_u0p16[0]		34321		
CDD_MechMtrPos1_Rev_G_u0p16[1]		34328		
CDD_ModlxdFinal_Uls_G_u16p16[0]		53328		
CDD_ModlxdFinal_Uls_G_u16p16[1]		36095		
CDD_MtrCurr1_Volts_G_f32[0]		4.64292002		
CDD_MtrCurr1_Volts_G_f32[1]		3.63306999		
CDD_MtrCurr2_Volts_G_f32[0]		4.99825001		
CDD_MtrCurr2_Volts_G_f32[1]		3.29489994		
CDD_MtrCurrDax_Amp_G_f32[0]		46.4199982		
CDD_MtrCurrDax_Amp_G_f32[1]		56.9500008		
CDD_MtrCurrK1_Amps_G_f32[0]		-216.320007		
CDD_MtrCurrK1_Amps_G_f32[1]		-141.720001		
CDD_MtrCurrK2_Amps_G_f32[0]		12.5600004		
CDD_MtrCurrK2_Amps_G_f32[1]		14.8900003		
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]		-32		
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]		-28		
CDD_MtrCurrQax_Amp_G_f32[0]		176.169998		
CDD_MtrCurrQax_Amp_G_f32[1]		213.800003		
CDD_MtrVoltDax_Volt_G_f32[0]		1.65999997		
CDD_MtrVoltDax_Volt_G_f32[1]		2.67000008		
CDD_MtrVoltQax_Volt_G_f32[0]		3.99654007		
CDD_MtrVoltQax_Volt_G_f32[1]		4.38413		
CDD_PWMdutyCycleASum_Cnt_G_u32[0]		5866		
CDD_PWMdutyCycleASum_Cnt_G_u32[1]		8462		
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_RxMtrPosParityAccum_Cnt_G_u16[0]		238		
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]		480		
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]		15204		
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]		15211		
CDD_SysCVSwitchADC_Cnt_G_u16[0]		307		
CDD_SysCVSwitchADC_Cnt_G_u16[1]		3362		
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]		15204		
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]		15211		
PXAccumPrev_Cnt_M_u32[0]		423936346		
PXAccumPrev_Cnt_M_u32[1]		363839865		
PXAccumPrev_Cnt_M_u32[2]		137400662		
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word		1550507008		
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word		2715380224		
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word		2391885824		
Name	Actual Value	Expected Value	Result	
CDD_CDDDataAccessBfr_Cnt_G_u16	1	1		
PXAccumPrev_Cnt_M_u32[0]	193813376	193813376		
PXAccumPrev_Cnt_M_u32[1]	339422528	339422528		

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Name	Actual Value	Expected Value	Result
PXAccumPrev_Cnt_M_u32[2]	298985728	298985728	✓
Rte_Task_2ms_10.Rte_TB.Rte_I_CDDInterface_SysCVSwitchADC_Cnt_u16.value	307	307	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	4.64292002	4.64292002	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	4.99825001	4.99825001	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.165894002	0.165894002	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.165893555	0.165894002 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	5866	5866	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	4051	4051	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	3688	3688	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_LRPRF	22	22	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	306747942	306747942	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	512453575	512453575	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	161585066	161585066	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	0.523696899	0.523697019 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	2429702552	2429702552	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Modl	0.813720703	0.813721001 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	46.4199982	46.4199982	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	-216.320007	-216.320007	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	12.5600004	12.5600004	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	176.169998	176.169998	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	-32	-32	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	1.65999997	1.65999997	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	3.99654007	3.99654007	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_SysCC	0.231994629	0.231995001 ± 0.0000152587890625	✓

## 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]	0.232192993
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.232299998
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	15217
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	15224
CDD_CumMechMtrPos_Rev_s15p16[0]	15217
CDD_CumMechMtrPos_Rev_s15p16[1]	15224
CDD_Die1RxError_Cnt_G_u16[0]	5987
CDD_Die1RxError_Cnt_G_u16[1]	8649
CDD_Die1RxMtrPos_Cnt_G_u16[0]	5987
CDD_Die1RxMtrPos_Cnt_G_u16[1]	8649
CDD_Die1RxRevCtr_Cnt_G_u16[0]	5987
CDD_Die1RxRevCtr_Cnt_G_u16[1]	8649
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	5987
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]	8649
CDD_Die2RxError_Cnt_G_u16[0]	5987
CDD_Die2RxError_Cnt_G_u16[1]	8649
CDD_Die2RxMtrPos_Cnt_G_u16[0]	5987
CDD_Die2RxMtrPos_Cnt_G_u16[1]	8649
CDD_Die2RxRevCtr_Cnt_G_u16[0]	3446
CDD_Die2RxRevCtr_Cnt_G_u16[1]	4722
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	3490774830
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	2224999666
CDD_MechMtrPos1_Rev_G_u0p16[0]	43260
CDD_MechMtrPos1_Rev_G_u0p16[1]	43267
CDD_ModlxFinal_Uls_G_u16p16[0]	40663
CDD_ModlxFinal_Uls_G_u16p16[1]	64381
CDD_MtrCurr1_Volts_G_f32[0]	2.31823993
CDD_MtrCurr1_Volts_G_f32[1]	4.41603994
CDD_MtrCurr2_Volts_G_f32[0]	4.76222992
CDD_MtrCurr2_Volts_G_f32[1]	1.30471003
CDD_MtrCurrDax_Amp_G_f32[0]	72.3700027
CDD_MtrCurrDax_Amp_G_f32[1]	88.3199997
CDD_MtrCurrK1_Amps_G_f32[0]	-217.279999
CDD_MtrCurrK1_Amps_G_f32[1]	-143.020004
CDD_MtrCurrK2_Amps_G_f32[0]	29.6399994
CDD_MtrCurrK2_Amps_G_f32[1]	25.8099995
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	6.26999998
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	11.2799997



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Name	Input Value
CDD_MtrCurrQax_Amp_G_f32[0]	-35.7999992
CDD_MtrCurrQax_Amp_G_f32[1]	-30.6900005
CDD_MtrVoltDax_Volt_G_f32[0]	1.66999996
CDD_MtrVoltDax_Volt_G_f32[1]	2.68000007
CDD_MtrVoltQax_Volt_G_f32[0]	3.57565999
CDD_MtrVoltQax_Volt_G_f32[1]	2.48851991
CDD_PWMdutyCycleASum_Cnt_G_u32[0]	5987
CDD_PWMdutyCycleASum_Cnt_G_u32[1]	8649
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_RxMtrPosParityAccum_Cnt_G_u16[0]	246
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	536
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	24163
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	24170
CDD_SysCVSwitchADC_Cnt_G_u16[0]	3011
CDD_SysCVSwitchADC_Cnt_G_u16[1]	3428
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	24163
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	24170
PXAccumPrev_Cnt_M_u32[0]	323863303
PXAccumPrev_Cnt_M_u32[1]	9742924
PXAccumPrev_Cnt_M_u32[2]	400576950
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	2093887232
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	1614447872
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	3607816960

Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	1	1	✓
PXAccumPrev_Cnt_M_u32[0]	261735904	261735904	✓
PXAccumPrev_Cnt_M_u32[1]	201805984	201805984	✓
PXAccumPrev_Cnt_M_u32[2]	450977120	450977120	✓
Rte_Task_2ms_10.Rte_TB.Rte_I_CDDInterface_SysCVSwitchADC_Cnt_u16.value	3011	3011	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	2.31823993	2.31823993	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	4.76222992	4.76222992	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.232192993	0.232192993	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.232192993	0.232192993 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	5987	5987	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	4172	4172	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	3809	3809	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_LRPRF	23	23	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	474743513	474743513	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	192063060	192063060	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	50400170	50400170	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	0.660095215	0.660094976 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	3490774830	3490774830	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Modl	0.62046814	0.62046802 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	72.3700027	72.3700027	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	-217.279999	-217.279999	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	29.6399994	29.6399994	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	-35.7999992	-35.7999992	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	6.26999998	6.26999998	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	1.66999996	1.66999996	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	3.57565999	3.57565999	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_SysCC	0.36869812	0.368698001 ± 0.0000152587890625	✓

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

Test Step 2.97 (Repeat Count = 1)	
Name	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16	0
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	0.523299992
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.523400009
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	10833
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	10840
CDD_CumMechMtrPos_Rev_s15p16[0]	34295
CDD_CumMechMtrPos_Rev_s15p16[1]	34302



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Name	Input Value		
CDD_Die1RxError_Cnt_G_u16[0]	6108		
CDD_Die1RxError_Cnt_G_u16[1]	8836		
CDD_Die1RxMtrPos_Cnt_G_u16[0]	6108		
CDD_Die1RxMtrPos_Cnt_G_u16[1]	8836		
CDD_Die1RxRevCtr_Cnt_G_u16[0]	6108		
CDD_Die1RxRevCtr_Cnt_G_u16[1]	8836		
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	6108		
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]	8836		
CDD_Die2RxError_Cnt_G_u16[0]	6108		
CDD_Die2RxError_Cnt_G_u16[1]	8836		
CDD_Die2RxMtrPos_Cnt_G_u16[0]	6108		
CDD_Die2RxMtrPos_Cnt_G_u16[1]	8836		
CDD_Die2RxRevCtr_Cnt_G_u16[0]	3567		
CDD_Die2RxRevCtr_Cnt_G_u16[1]	4909		
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	3490774831		
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	2224999667		
CDD_MechMtrPos1_Rev_G_u0p16[0]	8166		
CDD_MechMtrPos1_Rev_G_u0p16[1]	8172		
CDD_ModIdxFinal_Uls_G_u16p16[0]	6833		
CDD_ModIdxFinal_Uls_G_u16p16[1]	65113		
CDD_MtrCurr1_Volts_G_f32[0]	3.53578997		
CDD_MtrCurr1_Volts_G_f32[1]	1.78296006		
CDD_MtrCurr2_Volts_G_f32[0]	0.27691099		
CDD_MtrCurr2_Volts_G_f32[1]	0.0344736986		
CDD_MtrCurrDax_Amp_G_f32[0]	100.264999		
CDD_MtrCurrDax_Amp_G_f32[1]	110.487999		
CDD_MtrCurrK1_Amps_G_f32[0]	-218.240005		
CDD_MtrCurrK1_Amps_G_f32[1]	-144.320007		
CDD_MtrCurrK2_Amps_G_f32[0]	30.8600006		
CDD_MtrCurrK2_Amps_G_f32[1]	26.5900002		
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	34		
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	54		
CDD_MtrCurrQax_Amp_G_f32[0]	40.4700012		
CDD_MtrCurrQax_Amp_G_f32[1]	56.4199982		
CDD_MtrVoltDax_Volt_G_f32[0]	0		
CDD_MtrVoltDax_Volt_G_f32[1]	0		
CDD_MtrVoltQax_Volt_G_f32[0]	0.361295015		
CDD_MtrVoltQax_Volt_G_f32[1]	4.01862001		
CDD_PWMdutyCycleASum_Cnt_G_u32[0]	6108		
CDD_PWMdutyCycleASum_Cnt_G_u32[1]	8836		
CDD_PWMdutyCycleBSum_Cnt_G_u32[0]	182		
CDD_PWMdutyCycleBSum_Cnt_G_u32[1]	184		
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_RxMtrPosParityAccum_Cnt_G_u16[0]	254		
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	592		
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	32113		
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	32119		
CDD_SysCVSwitchADC_Cnt_G_u16[0]	2341		
CDD_SysCVSwitchADC_Cnt_G_u16[1]	2934		
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	32113		
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	32119		
PXAccumPrev_Cnt_M_u32[0]	267522904		
PXAccumPrev_Cnt_M_u32[1]	311137834		
PXAccumPrev_Cnt_M_u32[2]	238591408		
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	2226140672		
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	2671981568		
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	1676280320		
Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	1	1	✔
PXAccumPrev_Cnt_M_u32[0]	278267584	278267584	✔
PXAccumPrev_Cnt_M_u32[1]	333997696	333997696	✔
PXAccumPrev_Cnt_M_u32[2]	209535040	209535040	✔
Rte_Task_2ms_10.Rte_TB.Rte_I_CDDInterface_SysCVSwitchADC_Cnt_u16.value	2341	2341	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	3.53578997	3.53578997	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	0.27691099	0.27691099	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.523299992	0.523299992	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.165298462	0.165298 ± 0.0000152587890625	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	6108	6108	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	182	182	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	3930	3930	✔

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Name	Actual Value	Expected Value	Result
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_LRPRF	23	23	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	10744680	10744680	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	22859862	22859862	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	507814544	507814544	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	0.124603271	0.124603003 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	3490774831	3490774831	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Modldx	0.104263306	0.104263 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	100.264999	100.264999	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	-218.240005	-218.240005	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	30.8600006	30.8600006	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	40.4700012	40.4700012	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	34	34	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	0	0	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	0.361295015	0.361295015	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_SysCC	0.490005493	0.490004987 ± 0.0000152587890625	✓

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	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16	1
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	0.165298
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.165399998
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	15178
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	15185
CDD_CumMechMtrPos_Rev_s15p16[0]	10833
CDD_CumMechMtrPos_Rev_s15p16[1]	10840
CDD_Die1RxError_Cnt_G_u16[0]	6229
CDD_Die1RxError_Cnt_G_u16[1]	9023
CDD_Die1RxMtrPos_Cnt_G_u16[0]	6229
CDD_Die1RxMtrPos_Cnt_G_u16[1]	9023
CDD_Die1RxRevCtr_Cnt_G_u16[0]	6229
CDD_Die1RxRevCtr_Cnt_G_u16[1]	9023
CDD_Die1UnderVltgFltAccum_Cnt_G_u16[0]	6229
CDD_Die1UnderVltgFltAccum_Cnt_G_u16[1]	9023
CDD_Die2RxError_Cnt_G_u16[0]	6229
CDD_Die2RxError_Cnt_G_u16[1]	9023
CDD_Die2RxMtrPos_Cnt_G_u16[0]	6229
CDD_Die2RxMtrPos_Cnt_G_u16[1]	9023
CDD_Die2RxRevCtr_Cnt_G_u16[0]	3688
CDD_Die2RxRevCtr_Cnt_G_u16[1]	5096
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	4047851873
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	3858799598
CDD_MechMtrPos1_Rev_G_u0p16[0]	43234
CDD_MechMtrPos1_Rev_G_u0p16[1]	43241
CDD_ModldxFinal_Uls_G_u16p16[0]	14725
CDD_ModldxFinal_Uls_G_u16p16[1]	11089
CDD_MtrCurr1_Volts_G_f32[0]	1.06901002
CDD_MtrCurr1_Volts_G_f32[1]	4.60020018
CDD_MtrCurr2_Volts_G_f32[0]	3.39762998
CDD_MtrCurr2_Volts_G_f32[1]	2.15416002
CDD_MtrCurrDax_Amp_G_f32[0]	-134.268005
CDD_MtrCurrDax_Amp_G_f32[1]	-123.785004
CDD_MtrCurrK1_Amps_G_f32[0]	145.619995
CDD_MtrCurrK1_Amps_G_f32[1]	219.199997
CDD_MtrCurrK2_Amps_G_f32[0]	-27.3700008
CDD_MtrCurrK2_Amps_G_f32[1]	-32.0800018
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	59.2700005
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	67.8899994
CDD_MtrCurrQax_Amp_G_f32[0]	55.5800018
CDD_MtrCurrQax_Amp_G_f32[1]	76.9499969
CDD_MtrVoltDax_Volt_G_f32[0]	5
CDD_MtrVoltDax_Volt_G_f32[1]	5
CDD_MtrVoltQax_Volt_G_f32[0]	4
CDD_MtrVoltQax_Volt_G_f32[1]	5
CDD_PWMDDutyCycleASum_Cnt_G_u32[0]	6229
CDD_PWMDDutyCycleASum_Cnt_G_u32[1]	9023
CDD_PWMDDutyCycleBSum_Cnt_G_u32[0]	190

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Name	Input Value		
CDD_PWMDDutyCycleBSum_Cnt_G_u32[1]	192		
CDD_PWMDDutyCycleCSum_Cnt_G_u32[0]	3889		
CDD_PWMDDutyCycleCSum_Cnt_G_u32[1]	5287		
CDD_PhaseAdvFinal_Cnt_G_u16[0]	262		
CDD_PhaseAdvFinal_Cnt_G_u16[1]	648		
CDD_RxMtrPosParityAccum_Cnt_G_u16[0]	262		
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	648		
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	43234		
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	43241		
CDD_SysCVSwitchADC_Cnt_G_u16[0]	1606		
CDD_SysCVSwitchADC_Cnt_G_u16[1]	3244		
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	43234		
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	43241		
PXAccumPrev_Cnt_M_u32[0]	101800794		
PXAccumPrev_Cnt_M_u32[1]	95806528		
PXAccumPrev_Cnt_M_u32[2]	307830204		
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	1642471680		
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	598025984		
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	3127426304		
Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	0	0	✓
PXAccumPrev_Cnt_M_u32[0]	205308960	205308960	✓
PXAccumPrev_Cnt_M_u32[1]	74753248	74753248	✓
PXAccumPrev_Cnt_M_u32[2]	390928288	390928288	✓
Rte_Task_2ms_10.Rte_TB.Rte_I_CDDInterface_SysCVSwitchADC_Cnt_u16.value	3244	3244	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	4.60020018	4.60020018	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	2.15416002	2.15416002	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.165399998	0.165399998	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.231704712	0.231704995 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	9023	9023	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	192	192	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	5287	5287	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_LRPRF	60	60	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	103508166	103508166	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	515817632	515817632	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	83098084	83098084	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	0.659805298	0.659805 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	3858799598	3858799598	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Modldx	0.169204712	0.169204995 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	-123.785004	-123.785004	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	219.199997	219.199997	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	-32.0800018	-32.0800018	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	76.9499969	76.9499969	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	67.8899994	67.8899994	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	5	5	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	5	5	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_SysCC	0.659805298	0.659805 ± 0.0000152587890625	✓

## 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	1
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	0.231598005
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.231700003
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	24137
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	24143
CDD_CumMechMtrPos_Rev_s15p16[0]	15178
CDD_CumMechMtrPos_Rev_s15p16[1]	15185
CDD_Die1RxError_Cnt_G_u16[0]	6350
CDD_Die1RxError_Cnt_G_u16[1]	9210
CDD_Die1RxMtrPos_Cnt_G_u16[0]	6350
CDD_Die1RxMtrPos_Cnt_G_u16[1]	9210
CDD_Die1RxRevCtr_Cnt_G_u16[0]	6350
CDD_Die1RxRevCtr_Cnt_G_u16[1]	9210
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	6350
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]	9210
CDD_Die2RxError_Cnt_G_u16[0]	6350

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Name	Input Value		
CDD_Die2RxError_Cnt_G_u16[1]	9210		
CDD_Die2RxMtrPos_Cnt_G_u16[0]	6350		
CDD_Die2RxMtrPos_Cnt_G_u16[1]	9210		
CDD_Die2RxRevCtr_Cnt_G_u16[0]	3809		
CDD_Die2RxRevCtr_Cnt_G_u16[1]	5283		
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	2359708679		
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	852385460		
CDD_MechMtrPos1_Rev_G_u0p16[0]	8140		
CDD_MechMtrPos1_Rev_G_u0p16[1]	8146		
CDD_ModIdxFinal_Uls_G_u16p16[0]	13262		
CDD_ModIdxFinal_Uls_G_u16p16[1]	20308		
CDD_MtrCurr1_Volts_G_f32[0]	2.22182989		
CDD_MtrCurr1_Volts_G_f32[1]	0.262852013		
CDD_MtrCurr2_Volts_G_f32[0]	4.78030014		
CDD_MtrCurr2_Volts_G_f32[1]	4.14958		
CDD_MtrCurrDax_Amp_G_f32[0]	147.304993		
CDD_MtrCurrDax_Amp_G_f32[1]	158.048004		
CDD_MtrCurrK1_Amps_G_f32[0]	156.229996		
CDD_MtrCurrK1_Amps_G_f32[1]	164.179993		
CDD_MtrCurrK2_Amps_G_f32[0]	-28.1499996		
CDD_MtrCurrK2_Amps_G_f32[1]	-33.2999992		
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	-74		
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	-64		
CDD_MtrCurrQax_Amp_G_f32[0]	-97.4800034		
CDD_MtrCurrQax_Amp_G_f32[1]	-70.6900024		
CDD_MtrVoltDax_Volt_G_f32[0]	2.44456005		
CDD_MtrVoltDax_Volt_G_f32[1]	4.23400021		
CDD_MtrVoltQax_Volt_G_f32[0]	1.20995998		
CDD_MtrVoltQax_Volt_G_f32[1]	2.21996999		
CDD_PWMDCycleASum_Cnt_G_u32[0]	6350		
CDD_PWMDCycleASum_Cnt_G_u32[1]	9210		
CDD_PWMDCycleBSum_Cnt_G_u32[0]	150		
CDD_PWMDCycleBSum_Cnt_G_u32[1]	159		
CDD_PWMDCycleCSum_Cnt_G_u32[0]	4530		
CDD_PWMDCycleCSum_Cnt_G_u32[1]	5471		
CDD_PhaseAdvFinal_Cnt_G_u16[0]	270		
CDD_PhaseAdvFinal_Cnt_G_u16[1]	704		
CDD_RxMtrPosParityAccum_Cnt_G_u16[0]	270		
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	704		
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	8140		
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	8146		
CDD_SysCVSwitchADC_Cnt_G_u16[0]	3889		
CDD_SysCVSwitchADC_Cnt_G_u16[1]	2639		
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	8140		
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	8146		
PXAccumPrev_Cnt_M_u32[0]	116227333		
PXAccumPrev_Cnt_M_u32[1]	357418177		
PXAccumPrev_Cnt_M_u32[2]	504539844		
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	1538285568		
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	3255520768		
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	798526464		
Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	0	0	✔
PXAccumPrev_Cnt_M_u32[0]	192285696	192285696	✔
PXAccumPrev_Cnt_M_u32[1]	406940096	406940096	✔
PXAccumPrev_Cnt_M_u32[2]	99815808	99815808	✔
Rte_Task_2ms_10.Rte_TB.Rte_I_CDDInterface_SysCVSwitchADC_Cnt_u16.value	2639	2639	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	0.262852013	0.262852013	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	4.14958	4.14958	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.231700003	0.231700003	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.368392944	0.368393004 ± 0.0000152587890625	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	9210	9210	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	159	159	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	5471	5471	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_LRPRF	66	66	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	76058363	76058363	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	49521919	49521919	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	132146876	132146876	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	0.124298096	0.124297999 ± 0.0000152587890625	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	852385460	852385460	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ModIdx	0.309875488	0.309875011 ± 0.0000152587890625	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCun	158.048004	158.048004	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCun	164.179993	164.179993	✔

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Name	Actual Value	Expected Value	Result
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCurr	-33.2999992	-33.2999992	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCurr	-70.6900024	-70.6900024	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCurr	-64	-64	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	4.23400021	4.23400021	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	2.21996999	2.21996999	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_SysCC	0.124298096	0.124297999 ± 0.0000152587890625	✓

Test Step Call Trace				
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	0
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	0.368299991
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.368393004
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	20480
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	20487
CDD_CumMechMtrPos_Rev_s15p16[0]	24137
CDD_CumMechMtrPos_Rev_s15p16[1]	24143
CDD_Die1RxError_Cnt_G_u16[0]	214
CDD_Die1RxError_Cnt_G_u16[1]	312
CDD_Die1RxMtrPos_Cnt_G_u16[0]	214
CDD_Die1RxMtrPos_Cnt_G_u16[1]	312
CDD_Die1RxRevCtr_Cnt_G_u16[0]	214
CDD_Die1RxRevCtr_Cnt_G_u16[1]	312
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	214
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]	312
CDD_Die2RxError_Cnt_G_u16[0]	214
CDD_Die2RxError_Cnt_G_u16[1]	312
CDD_Die2RxMtrPos_Cnt_G_u16[0]	214
CDD_Die2RxMtrPos_Cnt_G_u16[1]	312
CDD_Die2RxRevCtr_Cnt_G_u16[0]	3930
CDD_Die2RxRevCtr_Cnt_G_u16[1]	5470
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	1887302325
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	2184289180
CDD_MechMtrPos1_Rev_G_u0p16[0]	16148
CDD_MechMtrPos1_Rev_G_u0p16[1]	16155
CDD_ModIdxFinal_Uls_G_u16p16[0]	3927
CDD_ModIdxFinal_Uls_G_u16p16[1]	41677
CDD_MtrCurr1_Volts_G_f32[0]	2.57281995
CDD_MtrCurr1_Volts_G_f32[1]	0.342000008
CDD_MtrCurr2_Volts_G_f32[0]	0.684216022
CDD_MtrCurr2_Volts_G_f32[1]	1.67508996
CDD_MtrCurrDax_Amp_G_f32[0]	-181.828003
CDD_MtrCurrDax_Amp_G_f32[1]	-170.824997
CDD_MtrCurrK1_Amps_G_f32[0]	165.470001
CDD_MtrCurrK1_Amps_G_f32[1]	174.580002
CDD_MtrCurrK2_Amps_G_f32[0]	34.5200005
CDD_MtrCurrK2_Amps_G_f32[1]	28.9300003
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	75.5
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	83.8000031
CDD_MtrCurrQax_Amp_G_f32[0]	-118.010002
CDD_MtrCurrQax_Amp_G_f32[1]	-85.8000031
CDD_MtrVoltDax_Volt_G_f32[0]	1.70995998
CDD_MtrVoltDax_Volt_G_f32[1]	2.71996999
CDD_MtrVoltQax_Volt_G_f32[0]	0
CDD_MtrVoltQax_Volt_G_f32[1]	0
CDD_PWMdutyCycleASum_Cnt_G_u32[0]	214
CDD_PWMdutyCycleASum_Cnt_G_u32[1]	312
CDD_PWMdutyCycleBSum_Cnt_G_u32[0]	158
CDD_PWMdutyCycleBSum_Cnt_G_u32[1]	160
CDD_PWMdutyCycleCSum_Cnt_G_u32[0]	6350
CDD_PWMdutyCycleCSum_Cnt_G_u32[1]	9210
CDD_PhaseAdvFinal_Cnt_G_u16[0]	6567
CDD_PhaseAdvFinal_Cnt_G_u16[1]	8910
CDD_RxMtrPosParityAccum_Cnt_G_u16[0]	6567
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	8910
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	16148
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	16155

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Name	Input Value		
CDD_SysCVSwitchADC_Cnt_G_u16[0]	1134		
CDD_SysCVSwitchADC_Cnt_G_u16[1]	2660		
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	16148		
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	16155		
PXAccumPrev_Cnt_M_u32[0]	475481860		
PXAccumPrev_Cnt_M_u32[1]	303354197		
PXAccumPrev_Cnt_M_u32[2]	187529222		
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	1779278592		
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	2486491392		
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	369434368		
Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	1	1	✓
PXAccumPrev_Cnt_M_u32[0]	222409824	222409824	✓
PXAccumPrev_Cnt_M_u32[1]	310811424	310811424	✓
PXAccumPrev_Cnt_M_u32[2]	46179296	46179296	✓
Rte_Task_2ms_10.Rte_TB.Rte_I_CDDInterface_SysCVSwitchADC_Cnt_u16.value	1134	1134	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	2.57281995	2.57281995	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	0.684216022	0.684216022	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.368299991	0.368299991	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.3125	0.3125 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	214	214	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	158	158	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	6350	6350	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_LRPRF	615	615	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	283798876	283798876	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	7457227	7457227	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	395520986	395520986	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	0.246398926	0.246399 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	1887302325	1887302325	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Modidx	0.0599212646	0.0599212982 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	-181.828003	-181.828003	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	165.470001	165.470001	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	34.5200005	34.5200005	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	-118.010002	-118.010002	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	75.5	75.5	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	1.70995998	1.70995998	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	0	0	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_SysCC	0.246398926	0.246399 ± 0.0000152587890625	✓

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	0
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	0.411300004
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.41139999
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	26955
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	26962
CDD_CumMechMtrPos_Rev_s15p16[0]	26955
CDD_CumMechMtrPos_Rev_s15p16[1]	26962
CDD_Die1RxError_Cnt_G_u16[0]	222
CDD_Die1RxError_Cnt_G_u16[1]	368
CDD_Die1RxMtrPos_Cnt_G_u16[0]	222
CDD_Die1RxMtrPos_Cnt_G_u16[1]	368
CDD_Die1RxRevCtr_Cnt_G_u16[0]	222
CDD_Die1RxRevCtr_Cnt_G_u16[1]	368
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	222
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]	368
CDD_Die2RxError_Cnt_G_u16[0]	222
CDD_Die2RxError_Cnt_G_u16[1]	368
CDD_Die2RxMtrPos_Cnt_G_u16[0]	222
CDD_Die2RxMtrPos_Cnt_G_u16[1]	368
CDD_Die2RxRevCtr_Cnt_G_u16[0]	3889
CDD_Die2RxRevCtr_Cnt_G_u16[1]	5287
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	1354224867
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	3669191344
CDD_MechMtrPos1_Rev_G_u0p16[0]	20519
CDD_MechMtrPos1_Rev_G_u0p16[1]	20526



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Name	Input Value		
CDD_ModIdxFinal_Uls_G_u16p16[0]	40383		
CDD_ModIdxFinal_Uls_G_u16p16[1]	25107		
CDD_MtrCurr1_Volts_G_f32[0]	2.66460991		
CDD_MtrCurr1_Volts_G_f32[1]	2.13884997		
CDD_MtrCurr2_Volts_G_f32[0]	2.74504995		
CDD_MtrCurr2_Volts_G_f32[1]	3.55676007		
CDD_MtrCurrDax_Amp_G_f32[0]	194.345001		
CDD_MtrCurrDax_Amp_G_f32[1]	205.608002		
CDD_MtrCurrK1_Amps_G_f32[0]	174.710007		
CDD_MtrCurrK1_Amps_G_f32[1]	184.979996		
CDD_MtrCurrK2_Amps_G_f32[0]	35.7400017		
CDD_MtrCurrK2_Amps_G_f32[1]	29.7099991		
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	50		
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	60		
CDD_MtrCurrQax_Amp_G_f32[0]	100.910004		
CDD_MtrCurrQax_Amp_G_f32[1]	138.539993		
CDD_MtrVoltDax_Volt_G_f32[0]	1.50999999		
CDD_MtrVoltDax_Volt_G_f32[1]	2.51999998		
CDD_MtrVoltQax_Volt_G_f32[0]	5		
CDD_MtrVoltQax_Volt_G_f32[1]	5		
CDD_PWMdutyCycleASum_Cnt_G_u32[0]	222		
CDD_PWMdutyCycleASum_Cnt_G_u32[1]	368		
CDD_PWMdutyCycleBSum_Cnt_G_u32[0]	166		
CDD_PWMdutyCycleBSum_Cnt_G_u32[1]	168		
CDD_PWMdutyCycleCSum_Cnt_G_u32[0]	214		
CDD_PWMdutyCycleCSum_Cnt_G_u32[1]	312		
CDD_PhaseAdvFinal_Cnt_G_u16[0]	7688		
CDD_PhaseAdvFinal_Cnt_G_u16[1]	9097		
CDD_RxMtrPosParityAccum_Cnt_G_u16[0]	7688		
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	9097		
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	20519		
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	20526		
CDD_SysCVSwitchADC_Cnt_G_u16[0]	2090		
CDD_SysCVSwitchADC_Cnt_G_u16[1]	1881		
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	20519		
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	20526		
PXAccumPrev_Cnt_M_u32[0]	90722163		
PXAccumPrev_Cnt_M_u32[1]	220946419		
PXAccumPrev_Cnt_M_u32[2]	511117745		
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	1002560000		
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	2242131968		
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	2160813568		
Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	1	1	✔
PXAccumPrev_Cnt_M_u32[0]	125320000	125320000	✔
PXAccumPrev_Cnt_M_u32[1]	280266496	280266496	✔
PXAccumPrev_Cnt_M_u32[2]	270101696	270101696	✔
Rte_Task_2ms_10.Rte_TB.Rte_I_CDDInterface_SysCVSwitchADC_Cnt_u16.value	2090	2090	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	2.66460991	2.66460991	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	2.74504995	2.74504995	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.411300004	0.411300004	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.411300659	0.411300987 ± 0.0000152587890625	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	222	222	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	166	166	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	214	214	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_LRPRF	720	720	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	34597837	34597837	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	59320077	59320077	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	295854863	295854863	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	0.313095093	0.313095003 ± 0.0000152587890625	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	1354224867	1354224867	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ModIdx	0.616195679	0.616195977 ± 0.0000152587890625	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	194.345001	194.345001	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	174.710007	174.710007	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	35.7400017	35.7400017	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	100.910004	100.910004	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	50	50	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	1.50999999	1.50999999	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	5	5	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_SvsCC	0.313095093	0.313095003 ± 0.0000152587890625	✔



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## Test Step Call Trace

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	1
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	0.523299992
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.523400009
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	34295
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	34302
CDD_CumMechMtrPos_Rev_s15p16[0]	34295
CDD_CumMechMtrPos_Rev_s15p16[1]	34302
CDD_Die1RxError_Cnt_G_u16[0]	230
CDD_Die1RxError_Cnt_G_u16[1]	424
CDD_Die1RxMtrPos_Cnt_G_u16[0]	230
CDD_Die1RxMtrPos_Cnt_G_u16[1]	424
CDD_Die1RxRevCtr_Cnt_G_u16[0]	230
CDD_Die1RxRevCtr_Cnt_G_u16[1]	424
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	230
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]	424
CDD_Die2RxError_Cnt_G_u16[0]	230
CDD_Die2RxError_Cnt_G_u16[1]	424
CDD_Die2RxMtrPos_Cnt_G_u16[0]	230
CDD_Die2RxMtrPos_Cnt_G_u16[1]	424
CDD_Die2RxRevCtr_Cnt_G_u16[0]	4530
CDD_Die2RxRevCtr_Cnt_G_u16[1]	5471
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	3940513946
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	3615687314
CDD_MechMtrPos1_Rev_G_u0p16[0]	26994
CDD_MechMtrPos1_Rev_G_u0p16[1]	27001
CDD_ModIdxFinal_Uls_G_u16p16[0]	38835
CDD_ModIdxFinal_Uls_G_u16p16[1]	64551
CDD_MtrCurr1_Volts_G_f32[0]	4.37398005
CDD_MtrCurr1_Volts_G_f32[1]	1.84625995
CDD_MtrCurr2_Volts_G_f32[0]	1.05519998
CDD_MtrCurr2_Volts_G_f32[1]	1.99931002
CDD_MtrCurrDax_Amp_G_f32[0]	120.710999
CDD_MtrCurrDax_Amp_G_f32[1]	130.934006
CDD_MtrCurrK1_Amps_G_f32[0]	183.949997
CDD_MtrCurrK1_Amps_G_f32[1]	195.380005
CDD_MtrCurrK2_Amps_G_f32[0]	36.9599991
CDD_MtrCurrK2_Amps_G_f32[1]	30.4899998
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	55.7999992
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	65.9000015
CDD_MtrCurrQax_Amp_G_f32[0]	116.019997
CDD_MtrCurrQax_Amp_G_f32[1]	159.070007
CDD_MtrVoltDax_Volt_G_f32[0]	1.51999998
CDD_MtrVoltDax_Volt_G_f32[1]	2.52999997
CDD_MtrVoltQax_Volt_G_f32[0]	2.44456005
CDD_MtrVoltQax_Volt_G_f32[1]	4.23400021
CDD_PWMDCycleASum_Cnt_G_u32[0]	230
CDD_PWMDCycleASum_Cnt_G_u32[1]	424
CDD_PWMDCycleBSum_Cnt_G_u32[0]	174
CDD_PWMDCycleBSum_Cnt_G_u32[1]	176
CDD_PWMDCycleCSum_Cnt_G_u32[0]	222
CDD_PWMDCycleCSum_Cnt_G_u32[1]	368
CDD_PhaseAdvFinal_Cnt_G_u16[0]	4656
CDD_PhaseAdvFinal_Cnt_G_u16[1]	6592
CDD_RxMtrPosParityAccum_Cnt_G_u16[0]	4656
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	6592
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	26994
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	27001
CDD_SysCVSwitchADC_Cnt_G_u16[0]	366
CDD_SysCVSwitchADC_Cnt_G_u16[1]	3491
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	26994
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	27001
PXAccumPrev_Cnt_M_u32[0]	381481769
PXAccumPrev_Cnt_M_u32[1]	530740753
PXAccumPrev_Cnt_M_u32[2]	154599088

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Name	Input Value	Expected Value	Result
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	4273408		
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	697441024		
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	374640896		
Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	0	0	✓
PXAccumPrev_Cnt_M_u32[0]	534176	534176	✓
PXAccumPrev_Cnt_M_u32[1]	87180128	87180128	✓
PXAccumPrev_Cnt_M_u32[2]	46830112	46830112	✓
Rte_Task_2ms_10.Rte_TB.Rte_I_CDDInterface_SysCVSwitchADC_Cnt_u16.value	3491	3491	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	1.84625995	1.84625995	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	1.99931002	1.99931002	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.523400009	0.523400009	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.523406982	0.523406982 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	424	424	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	176	176	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	368	368	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_LRPRF	618	618	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	155923319	155923319	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	93310287	93310287	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	429101936	429101936	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	0.412002563	0.412003011 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	3615687314	3615687314	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Modl	0.984970093	0.984969974 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	130.934006	130.934006	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	195.380005	195.380005	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	30.4899998	30.4899998	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	159.070007	159.070007	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	65.9000015	65.9000015	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	2.52999997	2.52999997	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	4.23400021	4.23400021	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_SysCC	0.412002563	0.412003011 ± 0.0000152587890625	✓

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	0
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	0.165298
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.165399998
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	10833
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	10840
CDD_CumMechMtrPos_Rev_s15p16[0]	10833
CDD_CumMechMtrPos_Rev_s15p16[1]	10840
CDD_Die1RxError_Cnt_G_u16[0]	238
CDD_Die1RxError_Cnt_G_u16[1]	480
CDD_Die1RxMtrPos_Cnt_G_u16[0]	238
CDD_Die1RxMtrPos_Cnt_G_u16[1]	480
CDD_Die1RxRevCtr_Cnt_G_u16[0]	238
CDD_Die1RxRevCtr_Cnt_G_u16[1]	480
CDD_Die1UnderVltgFltAccum_Cnt_G_u16[0]	238
CDD_Die1UnderVltgFltAccum_Cnt_G_u16[1]	480
CDD_Die2RxError_Cnt_G_u16[0]	238
CDD_Die2RxError_Cnt_G_u16[1]	480
CDD_Die2RxMtrPos_Cnt_G_u16[0]	238
CDD_Die2RxMtrPos_Cnt_G_u16[1]	480
CDD_Die2RxRevCtr_Cnt_G_u16[0]	222
CDD_Die2RxRevCtr_Cnt_G_u16[1]	368
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	1466917035
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	3725627842
CDD_MechMtrPos1_Rev_G_u0p16[0]	34334
CDD_MechMtrPos1_Rev_G_u0p16[1]	34341
CDD_ModlxFinal_Uls_G_u16p16[0]	25716
CDD_ModlxFinal_Uls_G_u16p16[1]	46793
CDD_MtrCurr1_Volts_G_f32[0]	4.00817013
CDD_MtrCurr1_Volts_G_f32[1]	2.95742011
CDD_MtrCurr2_Volts_G_f32[0]	3.23356009
CDD_MtrCurr2_Volts_G_f32[1]	4.84466982
CDD_MtrCurrDax_Amp_G_f32[0]	144.751007

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Name	Input Value
CDD_MtrCurrDax_Amp_G_f32[1]	155.233994
CDD_MtrCurrK1_Amps_G_f32[0]	193.190002
CDD_MtrCurrK1_Amps_G_f32[1]	205.779999
CDD_MtrCurrK2_Amps_G_f32[0]	38.1800003
CDD_MtrCurrK2_Amps_G_f32[1]	31.2700005
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	-68.6399994
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	-57.4700012
CDD_MtrCurrQax_Amp_G_f32[0]	131.130005
CDD_MtrCurrQax_Amp_G_f32[1]	179.600006
CDD_MtrVoltDax_Volt_G_f32[0]	1.52999997
CDD_MtrVoltDax_Volt_G_f32[1]	2.53999996
CDD_MtrVoltQax_Volt_G_f32[0]	1.66999996
CDD_MtrVoltQax_Volt_G_f32[1]	2.68000007
CDD_PWMdutyCycleASum_Cnt_G_u32[0]	238
CDD_PWMdutyCycleASum_Cnt_G_u32[1]	480
CDD_PWMdutyCycleBSum_Cnt_G_u32[0]	182
CDD_PWMdutyCycleBSum_Cnt_G_u32[1]	184
CDD_PWMdutyCycleCSum_Cnt_G_u32[0]	6229
CDD_PWMdutyCycleCSum_Cnt_G_u32[1]	9023
CDD_PhaseAdvFinal_Cnt_G_u16[0]	246
CDD_PhaseAdvFinal_Cnt_G_u16[1]	536
CDD_RxMtrPosParityAccum_Cnt_G_u16[0]	0
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	0
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	34334
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	34341
CDD_SysCVSwitchADC_Cnt_G_u16[0]	1366
CDD_SysCVSwitchADC_Cnt_G_u16[1]	577
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	34334
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	34341
PXAccumPrev_Cnt_M_u32[0]	156814981
PXAccumPrev_Cnt_M_u32[1]	122701042
PXAccumPrev_Cnt_M_u32[2]	366375158
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	1978606592
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	3306451456
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	1143279616

Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	1	1	✓
PXAccumPrev_Cnt_M_u32[0]	247325824	247325824	✓
PXAccumPrev_Cnt_M_u32[1]	413306432	413306432	✓
PXAccumPrev_Cnt_M_u32[2]	142909952	142909952	✓
Rte_Task_2ms_10.Rte_TB.Rte_I_CDDInterface_SysCVSwitchADC_Cnt_u16.value	1366	1366	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	4.00817013	4.00817013	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	3.23356009	3.23356009	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.165298	0.165298	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.165298462	0.165298 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	238	238	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	182	182	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	6229	6229	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_LRPRF	23	23	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	90510843	90510843	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	290605390	290605390	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	313405706	313405706	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	0.523895264	0.523895025 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	1466917035	1466917035	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Modl	0.39239502	0.39239499 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	144.751007	144.751007	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	193.190002	193.190002	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	38.1800003	38.1800003	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	131.130005	131.130005	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	-68.6399994	-68.6399994	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	1.52999997	1.52999997	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	1.66999996	1.66999996	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_SysCC	0.523895264	0.523895025 ± 0.0000152587890625	✓

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

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## Test Step 2.104 (Repeat Count = 1)



Name	Input Value		
CDD_CDDDataAccessBfr_Cnt_G_u16	1		
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	0.231598005		
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.231700003		
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	15178		
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	15185		
CDD_CumMechMtrPos_Rev_s15p16[0]	15178		
CDD_CumMechMtrPos_Rev_s15p16[1]	15185		
CDD_Die1RxError_Cnt_G_u16[0]	246		
CDD_Die1RxError_Cnt_G_u16[1]	536		
CDD_Die1RxMtrPos_Cnt_G_u16[0]	246		
CDD_Die1RxMtrPos_Cnt_G_u16[1]	536		
CDD_Die1RxRevCtr_Cnt_G_u16[0]	246		
CDD_Die1RxRevCtr_Cnt_G_u16[1]	536		
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	246		
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]	536		
CDD_Die2RxError_Cnt_G_u16[0]	246		
CDD_Die2RxError_Cnt_G_u16[1]	536		
CDD_Die2RxMtrPos_Cnt_G_u16[0]	246		
CDD_Die2RxMtrPos_Cnt_G_u16[1]	536		
CDD_Die2RxRevCtr_Cnt_G_u16[0]	230		
CDD_Die2RxRevCtr_Cnt_G_u16[1]	424		
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	1466917036		
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	2152761271		
CDD_MechMtrPos1_Rev_G_u0p16[0]	10872		
CDD_MechMtrPos1_Rev_G_u0p16[1]	10879		
CDD_ModIdxFinal_Uls_G_u16p16[0]	25737		
CDD_ModIdxFinal_Uls_G_u16p16[1]	60671		
CDD_MtrCurr1_Volts_G_f32[0]	3.84801006		
CDD_MtrCurr1_Volts_G_f32[1]	2.9200201		
CDD_MtrCurr2_Volts_G_f32[0]	0.753117979		
CDD_MtrCurr2_Volts_G_f32[1]	2.84381008		
CDD_MtrCurrDax_Amp_G_f32[0]	-168.791		
CDD_MtrCurrDax_Amp_G_f32[1]	-159.533997		
CDD_MtrCurrK1_Amps_G_f32[0]	-159.070007		
CDD_MtrCurrK1_Amps_G_f32[1]	-116.019997		
CDD_MtrCurrK2_Amps_G_f32[0]	39.4000015		
CDD_MtrCurrK2_Amps_G_f32[1]	32.0499992		
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	59.1399994		
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	71.3799973		
CDD_MtrCurrQax_Amp_G_f32[0]	-200.130005		
CDD_MtrCurrQax_Amp_G_f32[1]	-146.240005		
CDD_MtrVoltDax_Volt_G_f32[0]	1.53999996		
CDD_MtrVoltDax_Volt_G_f32[1]	2.54999995		
CDD_MtrVoltQax_Volt_G_f32[0]	1.67999995		
CDD_MtrVoltQax_Volt_G_f32[1]	2.68993998		
CDD_PWMdutyCycleASum_Cnt_G_u32[0]	246		
CDD_PWMdutyCycleASum_Cnt_G_u32[1]	536		
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]	254		
CDD_PhaseAdvFinal_Cnt_G_u16[1]	592		
CDD_RxMtrPosParityAccum_Cnt_G_u16[0]	65535		
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	65535		
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	10872		
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	10879		
CDD_SysCVSwitchADC_Cnt_G_u16[0]	704		
CDD_SysCVSwitchADC_Cnt_G_u16[1]	3863		
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	10872		
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	10879		
PXAccumPrev_Cnt_M_u32[0]	217378981		
PXAccumPrev_Cnt_M_u32[1]	416014961		
PXAccumPrev_Cnt_M_u32[2]	175760728		
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	2069976832		
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	2359913728		
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	2674889472		
Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	0	0	✓
PXAccumPrev_Cnt_M_u32[0]	258747104	258747104	✓
PXAccumPrev_Cnt_M_u32[1]	294989216	294989216	✓

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Name	Actual Value	Expected Value	Result
PXAccumPrev_Cnt_M_u32[2]	334361184	334361184	✓
Rte_Task_2ms_10.Rte_TB.Rte_I_CDDInterface_SysCVSwitchADC_Cnt_u16.value	3863	3863	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	2.9200201	2.9200201	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	2.84381008	2.84381008	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.231700003	0.231700003	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.231704712	0.231704995 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	536	536	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	192	192	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	9210	9210	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_LRPRF	55	55	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	41368123	41368123	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	415845167	415845167	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	158600456	158600456	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	0.166000366	0.165999994 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	2152761271	2152761271	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Modl	0.925765991	0.925765991 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	-159.533997	-159.533997	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	-116.019997	-116.019997	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	32.0499992	32.0499992	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	-146.240005	-146.240005	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	71.3799973	71.3799973	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	2.54999995	2.54999995	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	2.68993998	2.68993998	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_SysCC	0.166000366	0.165999994 ± 0.0000152587890625	✓

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

Test Step 2.105 (Repeat Count = 1)	
Name	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16	1
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	0.368299991
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.368393004
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	24137
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	24143
CDD_CumMechMtrPos_Rev_s15p16[0]	24137
CDD_CumMechMtrPos_Rev_s15p16[1]	24143
CDD_Die1RxError_Cnt_G_u16[0]	254
CDD_Die1RxError_Cnt_G_u16[1]	592
CDD_Die1RxMtrPos_Cnt_G_u16[0]	254
CDD_Die1RxMtrPos_Cnt_G_u16[1]	592
CDD_Die1RxRevCtr_Cnt_G_u16[0]	254
CDD_Die1RxRevCtr_Cnt_G_u16[1]	592
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	254
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]	592
CDD_Die2RxError_Cnt_G_u16[0]	254
CDD_Die2RxError_Cnt_G_u16[1]	592
CDD_Die2RxMtrPos_Cnt_G_u16[0]	254
CDD_Die2RxMtrPos_Cnt_G_u16[1]	592
CDD_Die2RxRevCtr_Cnt_G_u16[0]	238
CDD_Die2RxRevCtr_Cnt_G_u16[1]	480
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	4196219574
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	117870624
CDD_MechMtrPos1_Rev_G_u0p16[0]	15217
CDD_MechMtrPos1_Rev_G_u0p16[1]	15224
CDD_ModlxFinal_Uls_G_u16p16[0]	7584
CDD_ModlxFinal_Uls_G_u16p16[1]	12131
CDD_MtrCurr1_Volts_G_f32[0]	2.98169994
CDD_MtrCurr1_Volts_G_f32[1]	3.85792994
CDD_MtrCurr2_Volts_G_f32[0]	2.22587991
CDD_MtrCurr2_Volts_G_f32[1]	1.19411004
CDD_MtrCurrDax_Amp_G_f32[0]	192.830994
CDD_MtrCurrDax_Amp_G_f32[1]	203.834
CDD_MtrCurrK1_Amps_G_f32[0]	-179.600006
CDD_MtrCurrK1_Amps_G_f32[1]	-131.130005
CDD_MtrCurrK2_Amps_G_f32[0]	-87.8199997
CDD_MtrCurrK2_Amps_G_f32[1]	-69.1600037
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	60.8100014
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	74.1200027

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Name	Input Value
CDD_MtrCurrQax_Amp_G_f32[0]	-210.660004
CDD_MtrCurrQax_Amp_G_f32[1]	-161.350006
CDD_MtrVoltDax_Volt_G_f32[0]	1.17999995
CDD_MtrVoltDax_Volt_G_f32[1]	2.18993998
CDD_MtrVoltQax_Volt_G_f32[0]	1.68993998
CDD_MtrVoltQax_Volt_G_f32[1]	2.69994998
CDD_PWMdutyCycleASum_Cnt_G_u32[0]	254
CDD_PWMdutyCycleASum_Cnt_G_u32[1]	592
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]	312
CDD_PhaseAdvFinal_Cnt_G_u16[0]	262
CDD_PhaseAdvFinal_Cnt_G_u16[1]	648
CDD_RxMtrPosParityAccum_Cnt_G_u16[0]	5019
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	7153
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	15217
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	15224
CDD_SysCVSwitchADC_Cnt_G_u16[0]	184
CDD_SysCVSwitchADC_Cnt_G_u16[1]	2032
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	15217
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	15224
PXAccumPrev_Cnt_M_u32[0]	442411468
PXAccumPrev_Cnt_M_u32[1]	349522504
PXAccumPrev_Cnt_M_u32[2]	231564986
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	664190464
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	3616963584
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	3478915584

Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	0	0	✓
PXAccumPrev_Cnt_M_u32[0]	83023808	83023808	✓
PXAccumPrev_Cnt_M_u32[1]	452120448	452120448	✓
PXAccumPrev_Cnt_M_u32[2]	434864448	434864448	✓
Rte_Task_2ms_10.Rte_TB.Rte_I_CDDInterface_SysCVSwitchADC_Cnt_u16.value	2032	2032	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	3.85792994	3.85792994	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	1.19411004	1.19411004	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.368393004	0.368393004	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.368392944	0.368393004 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	592	592	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	200	200	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	312	312	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_LRPRF	60	60	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	177483252	177483252	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	102597944	102597944	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	203299462	203299462	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	0.232299805	0.232299998 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	117870624	117870624	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Modl	0.18510437	0.185103998 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	203.834	203.834	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	-131.130005	-131.130005	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	-69.1600037	-69.1600037	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	-161.350006	-161.350006	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	74.1200027	74.1200027	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	2.18993998	2.18993998	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	2.69994998	2.69994998	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_SysCC	0.232299805	0.232299998 ± 0.0000152587890625	✓

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
CDDPorts_ClearPhsReasSum	1	CDDPorts_ClearPhsReasSum	1	✓

## Test Step 2.106 (Repeat Count = 1)

Name	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16	0
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	0.489594012
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.48969999
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	32086
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	32093
CDD_CumMechMtrPos_Rev_s15p16[0]	32086
CDD_CumMechMtrPos_Rev_s15p16[1]	32093



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Name	Input Value		
CDD_Die1RxError_Cnt_G_u16[0]	262		
CDD_Die1RxError_Cnt_G_u16[1]	648		
CDD_Die1RxMtrPos_Cnt_G_u16[0]	262		
CDD_Die1RxMtrPos_Cnt_G_u16[1]	648		
CDD_Die1RxRevCtr_Cnt_G_u16[0]	262		
CDD_Die1RxRevCtr_Cnt_G_u16[1]	648		
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	262		
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]	648		
CDD_Die2RxError_Cnt_G_u16[0]	262		
CDD_Die2RxError_Cnt_G_u16[1]	648		
CDD_Die2RxMtrPos_Cnt_G_u16[0]	262		
CDD_Die2RxMtrPos_Cnt_G_u16[1]	648		
CDD_Die2RxRevCtr_Cnt_G_u16[0]	2962		
CDD_Die2RxRevCtr_Cnt_G_u16[1]	3974		
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	472664731		
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	2820043234		
CDD_MechMtrPos1_Rev_G_u0p16[0]	10833		
CDD_MechMtrPos1_Rev_G_u0p16[1]	10840		
CDD_ModIdxFinal_Uls_G_u16p16[0]	12347		
CDD_ModIdxFinal_Uls_G_u16p16[1]	26082		
CDD_MtrCurr1_Volts_G_f32[0]	0.806109011		
CDD_MtrCurr1_Volts_G_f32[1]	2.90689993		
CDD_MtrCurr2_Volts_G_f32[0]	3.08430004		
CDD_MtrCurr2_Volts_G_f32[1]	1.38812006		
CDD_MtrCurrDax_Amp_G_f32[0]	141.156998		
CDD_MtrCurrDax_Amp_G_f32[1]	151.380005		
CDD_MtrCurrK1_Amps_G_f32[0]	98.3199997		
CDD_MtrCurrK1_Amps_G_f32[1]	119.690002		
CDD_MtrCurrK2_Amps_G_f32[0]	70.8300018		
CDD_MtrCurrK2_Amps_G_f32[1]	90.5599976		
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	-76.8600006		
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	-62.4799995		
CDD_MtrCurrQax_Amp_G_f32[0]	-25.5799999		
CDD_MtrCurrQax_Amp_G_f32[1]	-20.4699993		
CDD_MtrVoltDax_Volt_G_f32[0]	1.18993998		
CDD_MtrVoltDax_Volt_G_f32[1]	2.19994998		
CDD_MtrVoltQax_Volt_G_f32[0]	1.69994998		
CDD_MtrVoltQax_Volt_G_f32[1]	2.70995998		
CDD_PWMdutyCycleASum_Cnt_G_u32[0]	262		
CDD_PWMdutyCycleASum_Cnt_G_u32[1]	648		
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_RxMtrPosParityAccum_Cnt_G_u16[0]	5140		
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	7340		
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	0		
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	0		
CDD_SysCVSwitchADC_Cnt_G_u16[0]	3946		
CDD_SysCVSwitchADC_Cnt_G_u16[1]	718		
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	26994		
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	27001		
PXAccumPrev_Cnt_M_u32[0]	182162682		
PXAccumPrev_Cnt_M_u32[1]	251747973		
PXAccumPrev_Cnt_M_u32[2]	524627829		
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	491948288		
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	3251326720		
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	2855445760		
Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	1	1	✔
PXAccumPrev_Cnt_M_u32[0]	61493536	61493536	✔
PXAccumPrev_Cnt_M_u32[1]	406415840	406415840	✔
PXAccumPrev_Cnt_M_u32[2]	356930720	356930720	✔
Rte_Task_2ms_10.Rte_TB.Rte_I_CDDInterface_SysCVSwitchADC_Cnt_u16.value	3946	3946	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	0.806109011	0.806109011	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	3.08430004	3.08430004	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.489594012	0.489594012	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.489593506	0.489594012 ± 0.0000152587890625	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	262	262	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	206	206	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	222	222	✔



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Name	Actual Value	Expected Value	Result
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_LRPRF	481	481	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	416201766	416201766	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	154667867	154667867	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	369173803	369173803	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	0.165298462	0.165298 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	472664731	472664731	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Modlxd	0.188400269	0.1884 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	141.156998	141.156998	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	98.3199997	98.3199997	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	70.8300018	70.8300018	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	-25.5799999	-25.5799999	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	-76.8600006	-76.8600006	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	1.18993998	1.18993998	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	1.69994998	1.69994998	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_SysCC	0	0 ± 0.0000152587890625	✓

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	0
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	0.659300029
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.659393013
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	43208
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	43214
CDD_CumMechMtrPos_Rev_s15p16[0]	43208
CDD_CumMechMtrPos_Rev_s15p16[1]	43214
CDD_Die1RxError_Cnt_G_u16[0]	270
CDD_Die1RxError_Cnt_G_u16[1]	704
CDD_Die1RxMtrPos_Cnt_G_u16[0]	270
CDD_Die1RxMtrPos_Cnt_G_u16[1]	704
CDD_Die1RxRevCtr_Cnt_G_u16[0]	270
CDD_Die1RxRevCtr_Cnt_G_u16[1]	704
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	270
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]	704
CDD_Die2RxError_Cnt_G_u16[0]	270
CDD_Die2RxError_Cnt_G_u16[1]	704
CDD_Die2RxMtrPos_Cnt_G_u16[0]	270
CDD_Die2RxMtrPos_Cnt_G_u16[1]	704
CDD_Die2RxRevCtr_Cnt_G_u16[0]	3083
CDD_Die2RxRevCtr_Cnt_G_u16[1]	4161
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	1999715327
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	1762676376
CDD_MechMtrPos1_Rev_G_u0p16[0]	15178
CDD_MechMtrPos1_Rev_G_u0p16[1]	15185
CDD_ModlxdFinal_Uls_G_u16p16[0]	61791
CDD_ModlxdFinal_Uls_G_u16p16[1]	2693
CDD_MtrCurr1_Volts_G_f32[0]	2.43639994
CDD_MtrCurr1_Volts_G_f32[1]	0.250934005
CDD_MtrCurr2_Volts_G_f32[0]	3.01814008
CDD_MtrCurr2_Volts_G_f32[1]	0.0994277969
CDD_MtrCurrDax_Amp_G_f32[0]	-176.199997
CDD_MtrCurrDax_Amp_G_f32[1]	-165.716995
CDD_MtrCurrK1_Amps_G_f32[0]	124.269997
CDD_MtrCurrK1_Amps_G_f32[1]	151.059998
CDD_MtrCurrK2_Amps_G_f32[0]	72.5
CDD_MtrCurrK2_Amps_G_f32[1]	93.2900009
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	64.1500015
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	79.5999985
CDD_MtrCurrQax_Amp_G_f32[0]	46.4199982
CDD_MtrCurrQax_Amp_G_f32[1]	56.9500008
CDD_MtrVoltDax_Volt_G_f32[0]	1.09998
CDD_MtrVoltDax_Volt_G_f32[1]	2.19994998
CDD_MtrVoltQax_Volt_G_f32[0]	1.70995998
CDD_MtrVoltQax_Volt_G_f32[1]	2.71996999
CDD_PWMDDutyCycleASum_Cnt_G_u32[0]	270
CDD_PWMDDutyCycleASum_Cnt_G_u32[1]	704
CDD_PWMDDutyCycleBSum_Cnt_G_u32[0]	1026

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Name	Input Value		
CDD_PWMDDutyCycleBSum_Cnt_G_u32[1]	1040		
CDD_PWMDDutyCycleCSum_Cnt_G_u32[0]	230		
CDD_PWMDDutyCycleCSum_Cnt_G_u32[1]	424		
CDD_PhaseAdvFinal_Cnt_G_u16[0]	4777		
CDD_PhaseAdvFinal_Cnt_G_u16[1]	6779		
CDD_RxMtrPosParityAccum_Cnt_G_u16[0]	4777		
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	6779		
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	65535		
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	65535		
CDD_SysCVSwitchADC_Cnt_G_u16[0]	3092		
CDD_SysCVSwitchADC_Cnt_G_u16[1]	3259		
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	34334		
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	34341		
PXAccumPrev_Cnt_M_u32[0]	46301256		
PXAccumPrev_Cnt_M_u32[1]	330553796		
PXAccumPrev_Cnt_M_u32[2]	23518845		
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	3171624960		
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	2453198336		
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	1239077888		
Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	1	1	✓
PXAccumPrev_Cnt_M_u32[0]	396453120	396453120	✓
PXAccumPrev_Cnt_M_u32[1]	306649792	306649792	✓
PXAccumPrev_Cnt_M_u32[2]	154884736	154884736	✓
Rte_Task_2ms_10.Rte_TB.Rte_I_CDDInterface_SysCVSwitchADC_Cnt_u16.value	3092	3092	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	2.43639994	2.43639994	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	3.01814008	3.01814008	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.659300029	0.659300029	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.659301758	0.659301996 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	270	270	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	1026	1026	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	230	230	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_LRPRF	447	447	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	350151864	350151864	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	512966908	512966908	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	131365891	131365891	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	0.2315979	0.231598005 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	1999715327	1999715327	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Modldx	0.942855835	0.942856014 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	-176.199997	-176.199997	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	124.269997	124.269997	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	72.5	72.5	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	46.4199982	46.4199982	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	64.1500015	64.1500015	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	1.09998	1.09998	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	1.70995998	1.70995998	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_SysCC	0.999984741	0.99998498 ± 0.0000152587890625	✓

Test Step Call Trace				
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]	0.123795003
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.123899996
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	8113
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	8120
CDD_CumMechMtrPos_Rev_s15p16[0]	8113
CDD_CumMechMtrPos_Rev_s15p16[1]	8120
CDD_Die1RxError_Cnt_G_u16[0]	6567
CDD_Die1RxError_Cnt_G_u16[1]	8910
CDD_Die1RxMtrPos_Cnt_G_u16[0]	6567
CDD_Die1RxMtrPos_Cnt_G_u16[1]	8910
CDD_Die1RxRevCtr_Cnt_G_u16[0]	6567
CDD_Die1RxRevCtr_Cnt_G_u16[1]	8910
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	6567
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]	8910
CDD_Die2RxError_Cnt_G_u16[0]	6567

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Name	Input Value
CDD_Die2RxError_Cnt_G_u16[1]	8910
CDD_Die2RxMtrPos_Cnt_G_u16[0]	6567
CDD_Die2RxMtrPos_Cnt_G_u16[1]	8910
CDD_Die2RxRevCtr_Cnt_G_u16[0]	190
CDD_Die2RxRevCtr_Cnt_G_u16[1]	192
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	1951727467
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	648188276
CDD_MechMtrPos1_Rev_G_u0p16[0]	24137
CDD_MechMtrPos1_Rev_G_u0p16[1]	24143
CDD_ModIdxFinal_Uls_G_u16p16[0]	56600
CDD_ModIdxFinal_Uls_G_u16p16[1]	32940
CDD_MtrCurr1_Volts_G_f32[0]	3.24318004
CDD_MtrCurr1_Volts_G_f32[1]	1.97325003
CDD_MtrCurr2_Volts_G_f32[0]	1.04394996
CDD_MtrCurr2_Volts_G_f32[1]	4.4704299
CDD_MtrCurrDax_Amp_G_f32[0]	-201.020004
CDD_MtrCurrDax_Amp_G_f32[1]	-190.276993
CDD_MtrCurrK1_Amps_G_f32[0]	120.710999
CDD_MtrCurrK1_Amps_G_f32[1]	130.934006
CDD_MtrCurrK2_Amps_G_f32[0]	74.1699982
CDD_MtrCurrK2_Amps_G_f32[1]	96.0390015
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	65.8199997
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	82.3399963
CDD_MtrCurrQax_Amp_G_f32[0]	72.3700027
CDD_MtrCurrQax_Amp_G_f32[1]	88.3199997
CDD_MtrVoltDax_Volt_G_f32[0]	2.29999995
CDD_MtrVoltDax_Volt_G_f32[1]	3.5
CDD_MtrVoltQax_Volt_G_f32[0]	1.17999995
CDD_MtrVoltQax_Volt_G_f32[1]	2.18993998
CDD_PWMDCycleASum_Cnt_G_u32[0]	5382
CDD_PWMDCycleASum_Cnt_G_u32[1]	7714
CDD_PWMDCycleBSum_Cnt_G_u32[0]	1147
CDD_PWMDCycleBSum_Cnt_G_u32[1]	1169
CDD_PWMDCycleCSum_Cnt_G_u32[0]	238
CDD_PWMDCycleCSum_Cnt_G_u32[1]	480
CDD_PhaseAdvFinal_Cnt_G_u16[0]	4898
CDD_PhaseAdvFinal_Cnt_G_u16[1]	6966
CDD_RxMtrPosParityAccum_Cnt_G_u16[0]	4898
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	6966
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	26994
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	27001
CDD_SysCVSwitchADC_Cnt_G_u16[0]	2970
CDD_SysCVSwitchADC_Cnt_G_u16[1]	3474
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	10872
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	10879
PXAccumPrev_Cnt_M_u32[0]	272564263
PXAccumPrev_Cnt_M_u32[1]	32484329
PXAccumPrev_Cnt_M_u32[2]	392875436
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	186469120
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	2748072192
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	2321434368

Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	1	1	✔
PXAccumPrev_Cnt_M_u32[0]	23308640	23308640	✔
PXAccumPrev_Cnt_M_u32[1]	343509024	343509024	✔
PXAccumPrev_Cnt_M_u32[2]	290179296	290179296	✔
Rte_Task_2ms_10.Rte_TB.Rte_I_CDDInterface_SysCVSwitchADC_Cnt_u16.value	2970	2970	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	3.24318004	3.24318004	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	1.04394996	1.04394996	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.123795003	0.123795003	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.123794556	0.123795003 ± 0.0000152587890625	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	5382	5382	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	1147	1147	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	238	238	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_LRPRF	459	459	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	287615289	287615289	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	311024695	311024695	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	434174772	434174772	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	0.368301392	0.368301004 ± 0.0000152587890625	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	1951727467	1951727467	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ModIdx	0.863647461	0.863646984 ± 0.0000152587890625	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCun	-201.020004	-201.020004	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCun	120.710999	120.710999	✔

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Name	Actual Value	Expected Value	Result
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCurr	74.1699982	74.1699982	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCurr	72.3700027	72.3700027	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCurr	65.8199997	65.8199997	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	2.29999995	2.29999995	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	1.17999995	1.17999995	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_SysCC	0.411895752	0.41189599 ± 0.0000152587890625	✓

Test Step Call Trace				
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]	0.246000007
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.246094003
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	16122
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	16128
CDD_CumMechMtrPos_Rev_s15p16[0]	16122
CDD_CumMechMtrPos_Rev_s15p16[1]	16128
CDD_Die1RxError_Cnt_G_u16[0]	7688
CDD_Die1RxError_Cnt_G_u16[1]	9097
CDD_Die1RxMtrPos_Cnt_G_u16[0]	7688
CDD_Die1RxMtrPos_Cnt_G_u16[1]	9097
CDD_Die1RxRevCtr_Cnt_G_u16[0]	7688
CDD_Die1RxRevCtr_Cnt_G_u16[1]	9097
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	7688
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]	9097
CDD_Die2RxError_Cnt_G_u16[0]	7688
CDD_Die2RxError_Cnt_G_u16[1]	9097
CDD_Die2RxMtrPos_Cnt_G_u16[0]	7688
CDD_Die2RxMtrPos_Cnt_G_u16[1]	9097
CDD_Die2RxRevCtr_Cnt_G_u16[0]	2962
CDD_Die2RxRevCtr_Cnt_G_u16[1]	3974
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	1204171193
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	1084180652
CDD_MechMtrPos1_Rev_G_u0p16[0]	32086
CDD_MechMtrPos1_Rev_G_u0p16[1]	32093
CDD_ModIdxFinal_Uls_G_u16p16[0]	31826
CDD_ModIdxFinal_Uls_G_u16p16[1]	2871
CDD_MtrCurr1_Volts_G_f32[0]	1.43115997
CDD_MtrCurr1_Volts_G_f32[1]	1.47049999
CDD_MtrCurr2_Volts_G_f32[0]	2.80455995
CDD_MtrCurr2_Volts_G_f32[1]	4.68084002
CDD_MtrCurrDax_Amp_G_f32[0]	135.220001
CDD_MtrCurrDax_Amp_G_f32[1]	211.520004
CDD_MtrCurrK1_Amps_G_f32[0]	144.751007
CDD_MtrCurrK1_Amps_G_f32[1]	155.233994
CDD_MtrCurrK2_Amps_G_f32[0]	-74
CDD_MtrCurrK2_Amps_G_f32[1]	-64
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	67.4899979
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	85.0800018
CDD_MtrCurrQax_Amp_G_f32[0]	100.910004
CDD_MtrCurrQax_Amp_G_f32[1]	138.539993
CDD_MtrVoltDax_Volt_G_f32[0]	2.19994998
CDD_MtrVoltDax_Volt_G_f32[1]	3.29999995
CDD_MtrVoltQax_Volt_G_f32[0]	1.18993998
CDD_MtrVoltQax_Volt_G_f32[1]	2.19994998
CDD_PWMdutyCycleASum_Cnt_G_u32[0]	5503
CDD_PWMdutyCycleASum_Cnt_G_u32[1]	7901
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_RxMtrPosParityAccum_Cnt_G_u16[0]	5019
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	7153
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	20480
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	20487

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Name	Input Value		
CDD_SysCVSwitchADC_Cnt_G_u16[0]	0		
CDD_SysCVSwitchADC_Cnt_G_u16[1]	0		
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	20480		
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	20487		
PXAccumPrev_Cnt_M_u32[0]	326400566		
PXAccumPrev_Cnt_M_u32[1]	207679323		
PXAccumPrev_Cnt_M_u32[2]	177898939		
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	2301813248		
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	1451098112		
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	1516236288		
Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	0	0	✓
PXAccumPrev_Cnt_M_u32[0]	287726656	287726656	✓
PXAccumPrev_Cnt_M_u32[1]	181387264	181387264	✓
PXAccumPrev_Cnt_M_u32[2]	189529536	189529536	✓
Rte_Task_2ms_10.Rte_TB.Rte_I_CDDInterface_SysCVSwitchADC_Cnt_u16.value	0	0	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	1.47049999	1.47049999	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	4.68084002	4.68084002	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.246094003	0.246094003	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.24609375	0.246094003 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	7901	7901	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	1356	1356	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	3974	3974	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_LRPRF	670	670	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	498197002	498197002	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	510578853	510578853	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	11630597	11630597	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	0.489700317	0.48969999 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	1084180652	1084180652	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ModIdx	0.0438079834	0.0438079983 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	211.520004	211.520004	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	155.233994	155.233994	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	-64	-64	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	138.539993	138.539993	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	85.0800018	85.0800018	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	3.29999995	3.29999995	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	2.19994998	2.19994998	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_SysCC	0.312606812	0.31260699 ± 0.0000152587890625	✓

## Test Step Call Trace

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	0
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	0.312698007
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.31279999
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	20493
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	20500
CDD_CumMechMtrPos_Rev_s15p16[0]	20493
CDD_CumMechMtrPos_Rev_s15p16[1]	20500
CDD_Die1RxError_Cnt_G_u16[0]	4656
CDD_Die1RxError_Cnt_G_u16[1]	6592
CDD_Die1RxMtrPos_Cnt_G_u16[0]	4656
CDD_Die1RxMtrPos_Cnt_G_u16[1]	6592
CDD_Die1RxRevCtr_Cnt_G_u16[0]	4656
CDD_Die1RxRevCtr_Cnt_G_u16[1]	6592
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	4656
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]	6592
CDD_Die2RxError_Cnt_G_u16[0]	4656
CDD_Die2RxError_Cnt_G_u16[1]	6592
CDD_Die2RxMtrPos_Cnt_G_u16[0]	4656
CDD_Die2RxMtrPos_Cnt_G_u16[1]	6592
CDD_Die2RxRevCtr_Cnt_G_u16[0]	3083
CDD_Die2RxRevCtr_Cnt_G_u16[1]	4161
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	2429702552
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	3674751938
CDD_MechMtrPos1_Rev_G_u0p16[0]	26955
CDD_MechMtrPos1_Rev_G_u0p16[1]	26962

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Name	Input Value		
CDD_ModIdxFinal_Uls_G_u16p16[0]	63610		
CDD_ModIdxFinal_Uls_G_u16p16[1]	59310		
CDD_MtrCurr1_Volts_G_f32[0]	4.30263996		
CDD_MtrCurr1_Volts_G_f32[1]	4.25363016		
CDD_MtrCurr2_Volts_G_f32[0]	3.67371988		
CDD_MtrCurr2_Volts_G_f32[1]	2.97222996		
CDD_MtrCurrDax_Amp_G_f32[0]	136.520004		
CDD_MtrCurrDax_Amp_G_f32[1]	212.479996		
CDD_MtrCurrK1_Amps_G_f32[0]	-168.791		
CDD_MtrCurrK1_Amps_G_f32[1]	-159.533997		
CDD_MtrCurrK2_Amps_G_f32[0]	75.5		
CDD_MtrCurrK2_Amps_G_f32[1]	83.8000031		
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	-87.8199997		
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	-69.1600037		
CDD_MtrCurrQax_Amp_G_f32[0]	116.019997		
CDD_MtrCurrQax_Amp_G_f32[1]	159.070007		
CDD_MtrVoltDax_Volt_G_f32[0]	2.5		
CDD_MtrVoltDax_Volt_G_f32[1]	3.4000001		
CDD_MtrVoltQax_Volt_G_f32[0]	1.19994998		
CDD_MtrVoltQax_Volt_G_f32[1]	2.20995998		
CDD_PWMdutyCycleASum_Cnt_G_u32[0]	5624		
CDD_PWMdutyCycleASum_Cnt_G_u32[1]	8088		
CDD_PWMdutyCycleBSum_Cnt_G_u32[0]	1389		
CDD_PWMdutyCycleBSum_Cnt_G_u32[1]	1543		
CDD_PWMdutyCycleCSum_Cnt_G_u32[0]	3083		
CDD_PWMdutyCycleCSum_Cnt_G_u32[1]	4161		
CDD_PhaseAdvFinal_Cnt_G_u16[0]	2236		
CDD_PhaseAdvFinal_Cnt_G_u16[1]	2852		
CDD_RxMtrPosParityAccum_Cnt_G_u16[0]	2236		
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	2852		
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	26955		
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	26962		
CDD_SysCVSwitchADC_Cnt_G_u16[0]	4095		
CDD_SysCVSwitchADC_Cnt_G_u16[1]	4095		
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	26955		
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	26962		
PXAccumPrev_Cnt_M_u32[0]	170493337		
PXAccumPrev_Cnt_M_u32[1]	316753627		
PXAccumPrev_Cnt_M_u32[2]	428467855		
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	101588224		
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	941933312		
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	1706490112		
Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	1	1	✔
PXAccumPrev_Cnt_M_u32[0]	12698528	12698528	✔
PXAccumPrev_Cnt_M_u32[1]	117741664	117741664	✔
PXAccumPrev_Cnt_M_u32[2]	213311264	213311264	✔
Rte_Task_2ms_10.Rte_TB.Rte_I_CDDInterface_SysCVSwitchADC_Cnt_u16.value	4095	4095	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	4.30263996	4.30263996	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	3.67371988	3.67371988	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.312698007	0.312698007	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.312698364	0.312698007 ± 0.0000152587890625	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	5624	5624	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	1389	1389	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	3083	3083	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_LRPRF	209	209	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	379076103	379076103	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	337858949	337858949	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	321714321	321714321	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	0.411300659	0.411300987 ± 0.0000152587890625	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	2429702552	2429702552	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ModIdx	0.970611572	0.970611989 ± 0.0000152587890625	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCun	136.520004	136.520004	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCun	-168.791	-168.791	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCun	75.5	75.5	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCun	116.019997	116.019997	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCun	-87.8199997	-87.8199997	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	2.5	2.5	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	1.19994998	1.19994998	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_SvsCC	0.411300659	0.411300987 ± 0.0000152587890625	✔



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CDDInterface\_Per1



## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
CDDPorts_ClearPhsReasSum	1	CDDPorts_ClearPhsReasSum	1	✓

## Test Step 2.111 (Repeat Count = 1)

Name	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16	1
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	0.123397999
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.123499997
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	8087
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	8094
CDD_CumMechMtrPos_Rev_s15p16[0]	8087
CDD_CumMechMtrPos_Rev_s15p16[1]	8094
CDD_Die1RxError_Cnt_G_u16[0]	254
CDD_Die1RxError_Cnt_G_u16[1]	592
CDD_Die1RxMtrPos_Cnt_G_u16[0]	254
CDD_Die1RxMtrPos_Cnt_G_u16[1]	592
CDD_Die1RxRevCtr_Cnt_G_u16[0]	254
CDD_Die1RxRevCtr_Cnt_G_u16[1]	592
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	254
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]	592
CDD_Die2RxError_Cnt_G_u16[0]	254
CDD_Die2RxError_Cnt_G_u16[1]	592
CDD_Die2RxMtrPos_Cnt_G_u16[0]	254
CDD_Die2RxMtrPos_Cnt_G_u16[1]	592
CDD_Die2RxRevCtr_Cnt_G_u16[0]	3204
CDD_Die2RxRevCtr_Cnt_G_u16[1]	4348
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	3490774830
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	2224999666
CDD_MechMtrPos1_Rev_G_u0p16[0]	34295
CDD_MechMtrPos1_Rev_G_u0p16[1]	34302
CDD_ModIdxFinal_Uls_G_u16p16[0]	53223
CDD_ModIdxFinal_Uls_G_u16p16[1]	64312
CDD_MtrCurr1_Volts_G_f32[0]	3.52067995
CDD_MtrCurr1_Volts_G_f32[1]	1.82094002
CDD_MtrCurr2_Volts_G_f32[0]	1.49030006
CDD_MtrCurr2_Volts_G_f32[1]	3.63879991
CDD_MtrCurrDax_Amp_G_f32[0]	137.820007
CDD_MtrCurrDax_Amp_G_f32[1]	213.440002
CDD_MtrCurrK1_Amps_G_f32[0]	192.830994
CDD_MtrCurrK1_Amps_G_f32[1]	203.834
CDD_MtrCurrK2_Amps_G_f32[0]	50
CDD_MtrCurrK2_Amps_G_f32[1]	60
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	70.8300018
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	90.5599976
CDD_MtrCurrQax_Amp_G_f32[0]	131.130005
CDD_MtrCurrQax_Amp_G_f32[1]	179.600006
CDD_MtrVoltDax_Volt_G_f32[0]	3.09998012
CDD_MtrVoltDax_Volt_G_f32[1]	4.5
CDD_MtrVoltQax_Volt_G_f32[0]	1.20995998
CDD_MtrVoltQax_Volt_G_f32[1]	2.21996999
CDD_PWMDDutyCycleASum_Cnt_G_u32[0]	5745
CDD_PWMDDutyCycleASum_Cnt_G_u32[1]	8275
CDD_PWMDDutyCycleBSum_Cnt_G_u32[0]	1510
CDD_PWMDDutyCycleBSum_Cnt_G_u32[1]	1730
CDD_PWMDDutyCycleCSum_Cnt_G_u32[0]	3204
CDD_PWMDDutyCycleCSum_Cnt_G_u32[1]	4348
CDD_PhaseAdvFinal_Cnt_G_u16[0]	2357
CDD_PhaseAdvFinal_Cnt_G_u16[1]	3039
CDD_RxMtrPosParityAccum_Cnt_G_u16[0]	2357
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	3039
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	34295
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	34302
CDD_SysCVSwitchADC_Cnt_G_u16[0]	1814
CDD_SysCVSwitchADC_Cnt_G_u16[1]	3304
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	34295
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	34302
PXAccumPrev_Cnt_M_u32[0]	425648588
PXAccumPrev_Cnt_M_u32[1]	285108096
PXAccumPrev_Cnt_M_u32[2]	158249643



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Name	Input Value		
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	438856704		
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	2516351488		
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	1100863488		
Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	0	0	✓
PXAccumPrev_Cnt_M_u32[0]	54857088	54857088	✓
PXAccumPrev_Cnt_M_u32[1]	314543936	314543936	✓
PXAccumPrev_Cnt_M_u32[2]	137607936	137607936	✓
Rte_Task_2ms_10.Rte_TB.Rte_I_CDDInterface_SysCVSwitchADC_Cnt_u16.value	3304	3304	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	1.82094002	1.82094002	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	3.63879991	3.63879991	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.123499997	0.123499997	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.123504639	0.123504996 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	8275	8275	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	1730	1730	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	4348	4348	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_LRPRF	284	284	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	166079412	166079412	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	29435840	29435840	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	516229205	516229205	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	0.523406982	0.523406982 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	2224999666	2224999666	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Modl	0.981323242	0.981323004 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	213.440002	213.440002	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	203.834	203.834	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	60	60	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	179.600006	179.600006	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	90.5599976	90.5599976	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	4.5	4.5	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	2.21996999	2.21996999	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_SysCC	0.523406982	0.523406982 ± 0.0000152587890625	✓

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

Test Step 2.112 (Repeat Count = 1)	
Name	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16	0
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	0.2456
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.245697007
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	16096
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	16102
CDD_CumMechMtrPos_Rev_s15p16[0]	16096
CDD_CumMechMtrPos_Rev_s15p16[1]	16102
CDD_Die1RxError_Cnt_G_u16[0]	262
CDD_Die1RxError_Cnt_G_u16[1]	648
CDD_Die1RxMtrPos_Cnt_G_u16[0]	262
CDD_Die1RxMtrPos_Cnt_G_u16[1]	648
CDD_Die1RxRevCtr_Cnt_G_u16[0]	262
CDD_Die1RxRevCtr_Cnt_G_u16[1]	648
CDD_Die1UnderVltgFltAccum_Cnt_G_u16[0]	262
CDD_Die1UnderVltgFltAccum_Cnt_G_u16[1]	648
CDD_Die2RxError_Cnt_G_u16[0]	262
CDD_Die2RxError_Cnt_G_u16[1]	648
CDD_Die2RxMtrPos_Cnt_G_u16[0]	262
CDD_Die2RxMtrPos_Cnt_G_u16[1]	648
CDD_Die2RxRevCtr_Cnt_G_u16[0]	3325
CDD_Die2RxRevCtr_Cnt_G_u16[1]	4535
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	3490774831
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	2224999667
CDD_MechMtrPos1_Rev_G_u0p16[0]	10833
CDD_MechMtrPos1_Rev_G_u0p16[1]	10840
CDD_ModlxFinal_Uls_G_u16p16[0]	34338
CDD_ModlxFinal_Uls_G_u16p16[1]	43551
CDD_MtrCurr1_Volts_G_f32[0]	2.57858992
CDD_MtrCurr1_Volts_G_f32[1]	1.97362006
CDD_MtrCurr2_Volts_G_f32[0]	4.94847012
CDD_MtrCurr2_Volts_G_f32[1]	1.95819998
CDD_MtrCurrDax_Amp_G_f32[0]	139.119995

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Name	Input Value
CDD_MtrCurrDax_Amp_G_f32[1]	214.399994
CDD_MtrCurrK1_Amps_G_f32[0]	141.156998
CDD_MtrCurrK1_Amps_G_f32[1]	151.380005
CDD_MtrCurrK2_Amps_G_f32[0]	55.7999992
CDD_MtrCurrK2_Amps_G_f32[1]	65.9000015
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	72.5
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	93.2900009
CDD_MtrCurrQax_Amp_G_f32[0]	100.910004
CDD_MtrCurrQax_Amp_G_f32[1]	138.539993
CDD_MtrVoltDax_Volt_G_f32[0]	4.19995022
CDD_MtrVoltDax_Volt_G_f32[1]	4.9000001
CDD_MtrVoltQax_Volt_G_f32[0]	1.21996999
CDD_MtrVoltQax_Volt_G_f32[1]	2.22997999
CDD_PWMDutyCycleASum_Cnt_G_u32[0]	5866
CDD_PWMDutyCycleASum_Cnt_G_u32[1]	8462
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
CDD_RxMtrPosParityAccum_Cnt_G_u16[0]	2478
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	3226
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	10833
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	10840
CDD_SysCVSwitchADC_Cnt_G_u16[0]	2225
CDD_SysCVSwitchADC_Cnt_G_u16[1]	3316
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	0
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	0
PXAccumPrev_Cnt_M_u32[0]	497215283
PXAccumPrev_Cnt_M_u32[1]	17395957
PXAccumPrev_Cnt_M_u32[2]	48189593
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	3990191872
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	2752599296
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	1680161536

Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	1	1	✓
PXAccumPrev_Cnt_M_u32[0]	498773984	498773984	✓
PXAccumPrev_Cnt_M_u32[1]	344074912	344074912	✓
PXAccumPrev_Cnt_M_u32[2]	210020192	210020192	✓
Rte_Task_2ms_10.Rte_TB.Rte_I_CDDInterface_SysCVSwitchADC_Cnt_u16.value	2225	2225	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	2.57858992	2.57858992	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	4.94847012	4.94847012	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.2456	0.2456	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.245605469	0.245605007 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	5866	5866	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	1631	1631	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	3325	3325	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_LRPRF	232	232	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	1558701	1558701	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	326678955	326678955	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	161830599	161830599	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	0.165298462	0.165298 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	3490774831	3490774831	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ModIdx	0.523956299	0.523956001 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	139.119995	139.119995	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	141.156998	141.156998	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	55.7999992	55.7999992	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	100.910004	100.910004	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	72.5	72.5	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	4.19995022	4.19995022	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	1.21996999	1.21996999	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_SysCC	0.165298462	0.165298 ± 0.0000152587890625	✓





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

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Test Step 2.113 (Repeat Count = 1)				
Name		Input Value		
CDD_CDDDataAccessBfr_Cnt_G_u16		1		
CDD_CorrMtrCurrPosition_Rev_G_f32[0]		0.312299997		
CDD_CorrMtrCurrPosition_Rev_G_f32[1]		0.31239301		
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]		20467		
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]		20473		
CDD_CumMechMtrPos_Rev_s15p16[0]		20467		
CDD_CumMechMtrPos_Rev_s15p16[1]		20473		
CDD_Die1RxError_Cnt_G_u16[0]		270		
CDD_Die1RxError_Cnt_G_u16[1]		704		
CDD_Die1RxMtrPos_Cnt_G_u16[0]		270		
CDD_Die1RxMtrPos_Cnt_G_u16[1]		704		
CDD_Die1RxRevCtr_Cnt_G_u16[0]		270		
CDD_Die1RxRevCtr_Cnt_G_u16[1]		704		
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]		270		
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]		704		
CDD_Die2RxError_Cnt_G_u16[0]		270		
CDD_Die2RxError_Cnt_G_u16[1]		704		
CDD_Die2RxMtrPos_Cnt_G_u16[0]		270		
CDD_Die2RxMtrPos_Cnt_G_u16[1]		704		
CDD_Die2RxRevCtr_Cnt_G_u16[0]		3446		
CDD_Die2RxRevCtr_Cnt_G_u16[1]		4722		
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]		4047851873		
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]		3858799598		
CDD_MechMtrPos1_Rev_G_u0p16[0]		15178		
CDD_MechMtrPos1_Rev_G_u0p16[1]		15185		
CDD_ModlIdxFinal_Uls_G_u16p16[0]		44178		
CDD_ModlIdxFinal_Uls_G_u16p16[1]		48411		
CDD_MtrCurr1_Volts_G_f32[0]		4.70601988		
CDD_MtrCurr1_Volts_G_f32[1]		4.2706399		
CDD_MtrCurr2_Volts_G_f32[0]		0.359984994		
CDD_MtrCurr2_Volts_G_f32[1]		1.19994998		
CDD_MtrCurrDax_Amp_G_f32[0]		140.419998		
CDD_MtrCurrDax_Amp_G_f32[1]		215.360001		
CDD_MtrCurrK1_Amps_G_f32[0]		55.5800018		
CDD_MtrCurrK1_Amps_G_f32[1]		76.9499969		
CDD_MtrCurrK2_Amps_G_f32[0]		-68.6399994		
CDD_MtrCurrK2_Amps_G_f32[1]		-57.4700012		
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]		74.1699982		
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]		96.0390015		
CDD_MtrCurrQax_Amp_G_f32[0]		116.019997		
CDD_MtrCurrQax_Amp_G_f32[1]		159.070007		
CDD_MtrVoltDax_Volt_G_f32[0]		2.79999995		
CDD_MtrVoltDax_Volt_G_f32[1]		3.69994998		
CDD_MtrVoltQax_Volt_G_f32[0]		1.22997999		
CDD_MtrVoltQax_Volt_G_f32[1]		2.23999		
CDD_PWMdutyCycleASum_Cnt_G_u32[0]		5987		
CDD_PWMdutyCycleASum_Cnt_G_u32[1]		8649		
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]		2599		
CDD_PhaseAdvFinal_Cnt_G_u16[1]		3413		
CDD_RxMtrPosParityAccum_Cnt_G_u16[0]		2599		
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]		3413		
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]		15178		
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]		15185		
CDD_SysCVSwitchADC_Cnt_G_u16[0]		3955		
CDD_SysCVSwitchADC_Cnt_G_u16[1]		1796		
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]		65535		
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]		65535		
PXAccumPrev_Cnt_M_u32[0]		54288717		
PXAccumPrev_Cnt_M_u32[1]		437567298		
PXAccumPrev_Cnt_M_u32[2]		507872357		
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word		853165568		
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word		1929298944		
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word		3386577408		
Name	Actual Value	Expected Value	Result	
CDD_CDDDataAccessBfr_Cnt_G_u16	0	0		
PXAccumPrev_Cnt_M_u32[0]	106645696	106645696		
PXAccumPrev_Cnt_M_u32[1]	241162368	241162368		

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Name	Actual Value	Expected Value	Result
PXAccumPrev_Cnt_M_u32[2]	423322176	423322176	✓
Rte_Task_2ms_10.Rte_TB.Rte_I_CDDInterface_SysCVSwitchADC_Cnt_u16.value	1796	1796	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCMt	4.2706399	4.2706399	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCMt	1.19994998	1.19994998	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrMt	0.31239301	0.31239301	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrMt	0.312393188	0.31239301 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	8649	8649	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	2104	2104	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	4722	4722	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_LRPRF	319	319	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measui	52356979	52356979	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measui	340465982	340465982	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measui	452320731	452320731	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	0.231704712	0.231704995 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	3858799598	3858799598	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Modlxd	0.738693237	0.738692999 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCurr	215.360001	215.360001	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCurr	76.9499969	76.9499969	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCurr	-57.4700012	-57.4700012	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCurr	159.070007	159.070007	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCurr	96.0390015	96.0390015	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	3.69994998	3.69994998	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	2.23999	2.23999	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_SysCC	0.231704712	0.231704995 ± 0.0000152587890625	✓

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

Test Step 2.114 (Repeat Count = 1)	
Name	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16	1
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	0.4111
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.411193997
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	26942
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	26948
CDD_CumMechMtrPos_Rev_s15p16[0]	26942
CDD_CumMechMtrPos_Rev_s15p16[1]	26948
CDD_Die1RxError_Cnt_G_u16[0]	5140
CDD_Die1RxError_Cnt_G_u16[1]	7340
CDD_Die1RxMtrPos_Cnt_G_u16[0]	5140
CDD_Die1RxMtrPos_Cnt_G_u16[1]	7340
CDD_Die1RxRevCtr_Cnt_G_u16[0]	5140
CDD_Die1RxRevCtr_Cnt_G_u16[1]	7340
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	5140
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]	7340
CDD_Die2RxError_Cnt_G_u16[0]	5140
CDD_Die2RxError_Cnt_G_u16[1]	7340
CDD_Die2RxMtrPos_Cnt_G_u16[0]	5140
CDD_Die2RxMtrPos_Cnt_G_u16[1]	7340
CDD_Die2RxRevCtr_Cnt_G_u16[0]	3567
CDD_Die2RxRevCtr_Cnt_G_u16[1]	4909
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	2359708679
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	852385460
CDD_MechMtrPos1_Rev_G_u0p16[0]	24137
CDD_MechMtrPos1_Rev_G_u0p16[1]	24143
CDD_ModlxdFinal_Uls_G_u16p16[0]	28392
CDD_ModlxdFinal_Uls_G_u16p16[1]	46588
CDD_MtrCurr1_Volts_G_f32[0]	3.92502999
CDD_MtrCurr1_Volts_G_f32[1]	1.93017995
CDD_MtrCurr2_Volts_G_f32[0]	1.76999998
CDD_MtrCurr2_Volts_G_f32[1]	2.77999997
CDD_MtrCurrDax_Amp_G_f32[0]	-216.320007
CDD_MtrCurrDax_Amp_G_f32[1]	-141.720001
CDD_MtrCurrK1_Amps_G_f32[0]	-97.4800034
CDD_MtrCurrK1_Amps_G_f32[1]	-70.6900024
CDD_MtrCurrK2_Amps_G_f32[0]	-25.5799999
CDD_MtrCurrK2_Amps_G_f32[1]	-20.4699993
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	100.910004
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	138.539993

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Name	Input Value
CDD_MtrCurrQax_Amp_G_f32[0]	131.130005
CDD_MtrCurrQax_Amp_G_f32[1]	179.600006
CDD_MtrVoltDax_Volt_G_f32[0]	1.39999998
CDD_MtrVoltDax_Volt_G_f32[1]	1.59998
CDD_MtrVoltQax_Volt_G_f32[0]	1.23999
CDD_MtrVoltQax_Volt_G_f32[1]	2.25
CDD_PWMdutyCycleASum_Cnt_G_u32[0]	6108
CDD_PWMdutyCycleASum_Cnt_G_u32[1]	8836
CDD_PWMdutyCycleBSum_Cnt_G_u32[0]	1873
CDD_PWMdutyCycleBSum_Cnt_G_u32[1]	2291
CDD_PWMdutyCycleCSum_Cnt_G_u32[0]	3567
CDD_PWMdutyCycleCSum_Cnt_G_u32[1]	4909
CDD_PhaseAdvFinal_Cnt_G_u16[0]	2720
CDD_PhaseAdvFinal_Cnt_G_u16[1]	3600
CDD_RxMtrPosParityAccum_Cnt_G_u16[0]	2720
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	3600
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	24137
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	24143
CDD_SysCVSwitchADC_Cnt_G_u16[0]	715
CDD_SysCVSwitchADC_Cnt_G_u16[1]	3716
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	24176
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	24183
PXAccumPrev_Cnt_M_u32[0]	40508099
PXAccumPrev_Cnt_M_u32[1]	474076446
PXAccumPrev_Cnt_M_u32[2]	387894444
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	1403515136
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	3400693504
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	1624608000

Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	0	0	✓
PXAccumPrev_Cnt_M_u32[0]	175439392	175439392	✓
PXAccumPrev_Cnt_M_u32[1]	425086688	425086688	✓
PXAccumPrev_Cnt_M_u32[2]	203076000	203076000	✓
Rte_Task_2ms_10.Rte_TB.Rte_I_CDDInterface_SysCVSwitchADC_Cnt_u16.value	3716	3716	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	1.93017995	1.93017995	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	2.77999997	2.77999997	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.411193997	0.411193997	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.411193848	0.411193997 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	8836	8836	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	2291	2291	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	4909	4909	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_LRPRF	337	337	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	134931293	134931293	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	487881154	487881154	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	352052468	352052468	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	0.368392944	0.368393004 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	852385460	852385460	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Modl	0.710876465	0.710875988 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	-141.720001	-141.720001	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	-70.6900024	-70.6900024	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	-20.4699993	-20.4699993	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	179.600006	179.600006	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	138.539993	138.539993	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	1.59998	1.59998	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	2.25	2.25	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_SysCC	0.368392944	0.368393004 ± 0.0000152587890625	✓

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
CDDPorts_ClearPhsReasSum	1	CDDPorts_ClearPhsReasSum	1	✓

## Test Step 2.115 (Repeat Count = 1)

Name	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16	1
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	0.523100019
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.523193002
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	34282
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	34288
CDD_CumMechMtrPos_Rev_s15p16[0]	34282
CDD_CumMechMtrPos_Rev_s15p16[1]	34288

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Name	Input Value		
CDD_Die1RxError_Cnt_G_u16[0]	4777		
CDD_Die1RxError_Cnt_G_u16[1]	6779		
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_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	4777		
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]	6779		
CDD_Die2RxError_Cnt_G_u16[0]	4777		
CDD_Die2RxError_Cnt_G_u16[1]	6779		
CDD_Die2RxMtrPos_Cnt_G_u16[0]	4777		
CDD_Die2RxMtrPos_Cnt_G_u16[1]	6779		
CDD_Die2RxRevCtr_Cnt_G_u16[0]	3688		
CDD_Die2RxRevCtr_Cnt_G_u16[1]	5096		
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	1887302325		
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	2184289180		
CDD_MechMtrPos1_Rev_G_u0p16[0]	32086		
CDD_MechMtrPos1_Rev_G_u0p16[1]	32093		
CDD_ModIdxFinal_Uls_G_u16p16[0]	42902		
CDD_ModIdxFinal_Uls_G_u16p16[1]	59752		
CDD_MtrCurr1_Volts_G_f32[0]	2.73586011		
CDD_MtrCurr1_Volts_G_f32[1]	3.46333003		
CDD_MtrCurr2_Volts_G_f32[0]	1.17999995		
CDD_MtrCurr2_Volts_G_f32[1]	2.18993998		
CDD_MtrCurrDax_Amp_G_f32[0]	156.229996		
CDD_MtrCurrDax_Amp_G_f32[1]	164.179993		
CDD_MtrCurrK1_Amps_G_f32[0]	-118.010002		
CDD_MtrCurrK1_Amps_G_f32[1]	-85.8000031		
CDD_MtrCurrK2_Amps_G_f32[0]	46.4199982		
CDD_MtrCurrK2_Amps_G_f32[1]	56.9500008		
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	116.019997		
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	159.070007		
CDD_MtrCurrQax_Amp_G_f32[0]	-120.220001		
CDD_MtrCurrQax_Amp_G_f32[1]	104.269997		
CDD_MtrVoltDax_Volt_G_f32[0]	1.55999994		
CDD_MtrVoltDax_Volt_G_f32[1]	1.88999999		
CDD_MtrVoltQax_Volt_G_f32[0]	1.25		
CDD_MtrVoltQax_Volt_G_f32[1]	2.25999999		
CDD_PWMdutyCycleASum_Cnt_G_u32[0]	6229		
CDD_PWMdutyCycleASum_Cnt_G_u32[1]	9023		
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]	5096		
CDD_PhaseAdvFinal_Cnt_G_u16[0]	2841		
CDD_PhaseAdvFinal_Cnt_G_u16[1]	3787		
CDD_RxMtrPosParityAccum_Cnt_G_u16[0]	2841		
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	3787		
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	32086		
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	32093		
CDD_SysCVSwitchADC_Cnt_G_u16[0]	249		
CDD_SysCVSwitchADC_Cnt_G_u16[1]	3849		
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	32086		
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	32093		
PXAccumPrev_Cnt_M_u32[0]	0		
PXAccumPrev_Cnt_M_u32[1]	0		
PXAccumPrev_Cnt_M_u32[2]	0		
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	2443898880		
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	1713593856		
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	3012697088		
Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	0	0	✔
PXAccumPrev_Cnt_M_u32[0]	305487360	305487360	✔
PXAccumPrev_Cnt_M_u32[1]	214199232	214199232	✔
PXAccumPrev_Cnt_M_u32[2]	376587136	376587136	✔
Rte_Task_2ms_10.Rte_TB.Rte_I_CDDInterface_SysCVSwitchADC_Cnt_u16.value	3849	3849	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	3.46333003	3.46333003	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	2.18993998	2.18993998	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.523193002	0.523193002	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.523193359	0.523193002 ± 0.0000152587890625	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	9023	9023	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	2478	2478	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	5096	5096	✔



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Name	Actual Value	Expected Value	Result
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_LRPRF	355	355	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	305487360	305487360	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	214199232	214199232	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	376587136	376587136	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	0.489700317	0.48969999 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	2184289180	2184289180	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Modlxd	0.911743164	0.911742985 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	164.179993	164.179993	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	-85.8000031	-85.8000031	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	56.9500008	56.9500008	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	104.269997	104.269997	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	159.070007	159.070007	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	1.88999999	1.88999999	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	2.25999999	2.25999999	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_SysCC	0.489700317	0.48969999 ± 0.0000152587890625	✓

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

Test Step 2.116 (Repeat Count = 1)	
Name	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16	0
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	0.165099993
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.165199995
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	10820
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	10827
CDD_CumMechMtrPos_Rev_s15p16[0]	10820
CDD_CumMechMtrPos_Rev_s15p16[1]	10827
CDD_Die1RxError_Cnt_G_u16[0]	4898
CDD_Die1RxError_Cnt_G_u16[1]	6966
CDD_Die1RxMtrPos_Cnt_G_u16[0]	4898
CDD_Die1RxMtrPos_Cnt_G_u16[1]	6966
CDD_Die1RxRevCtr_Cnt_G_u16[0]	4898
CDD_Die1RxRevCtr_Cnt_G_u16[1]	6966
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	4898
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]	6966
CDD_Die2RxError_Cnt_G_u16[0]	4898
CDD_Die2RxError_Cnt_G_u16[1]	6966
CDD_Die2RxMtrPos_Cnt_G_u16[0]	4898
CDD_Die2RxMtrPos_Cnt_G_u16[1]	6966
CDD_Die2RxRevCtr_Cnt_G_u16[0]	3809
CDD_Die2RxRevCtr_Cnt_G_u16[1]	5283
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	1354224867
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	3669191344
CDD_MechMtrPos1_Rev_G_u0p16[0]	43208
CDD_MechMtrPos1_Rev_G_u0p16[1]	43214
CDD_ModlxdFinal_Uls_G_u16p16[0]	38371
CDD_ModlxdFinal_Uls_G_u16p16[1]	45587
CDD_MtrCurr1_Volts_G_f32[0]	3.73340011
CDD_MtrCurr1_Volts_G_f32[1]	4.94202995
CDD_MtrCurr2_Volts_G_f32[0]	1.18993998
CDD_MtrCurr2_Volts_G_f32[1]	2.19994998
CDD_MtrCurrDax_Amp_G_f32[0]	165.470001
CDD_MtrCurrDax_Amp_G_f32[1]	174.580002
CDD_MtrCurrK1_Amps_G_f32[0]	100.910004
CDD_MtrCurrK1_Amps_G_f32[1]	138.539993
CDD_MtrCurrK2_Amps_G_f32[0]	72.3700027
CDD_MtrCurrK2_Amps_G_f32[1]	88.3199997
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	131.130005
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	179.600006
CDD_MtrCurrQax_Amp_G_f32[0]	-162.429993
CDD_MtrCurrQax_Amp_G_f32[1]	141.059998
CDD_MtrVoltDax_Volt_G_f32[0]	1.39999998
CDD_MtrVoltDax_Volt_G_f32[1]	1.59998
CDD_MtrVoltQax_Volt_G_f32[0]	1.25999999
CDD_MtrVoltQax_Volt_G_f32[1]	2.26999998
CDD_PWMDDutyCycleASum_Cnt_G_u32[0]	6350
CDD_PWMDDutyCycleASum_Cnt_G_u32[1]	9210
CDD_PWMDDutyCycleBSum_Cnt_G_u32[0]	2115



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Name	Input Value
CDD_PWMDDutyCycleBSum_Cnt_G_u32[1]	2665
CDD_PWMDDutyCycleCSum_Cnt_G_u32[0]	3809
CDD_PWMDDutyCycleCSum_Cnt_G_u32[1]	5283
CDD_PhaseAdvFinal_Cnt_G_u16[0]	190
CDD_PhaseAdvFinal_Cnt_G_u16[1]	192
CDD_RxMtrPosParityAccum_Cnt_G_u16[0]	190
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	192
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	43208
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	43214
CDD_SysCVSwitchADC_Cnt_G_u16[0]	2494
CDD_SysCVSwitchADC_Cnt_G_u16[1]	1866
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	43208
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	43214
PXAccumPrev_Cnt_M_u32[0]	536870911
PXAccumPrev_Cnt_M_u32[1]	536870911
PXAccumPrev_Cnt_M_u32[2]	536870911
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	2791174912
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	3693914368
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	609775360

Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	1	1	✓
PXAccumPrev_Cnt_M_u32[0]	348896864	348896864	✓
PXAccumPrev_Cnt_M_u32[1]	461739296	461739296	✓
PXAccumPrev_Cnt_M_u32[2]	76221920	76221920	✓
Rte_Task_2ms_10.Rte_TB.Rte_I_CDDInterface_SysCVSwitchADC_Cnt_u16.value	2494	2494	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	3.73340011	3.73340011	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	1.18993998	1.18993998	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.165099993	0.165099993	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.165100098	0.165099993 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	6350	6350	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	2115	2115	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	3809	3809	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_LRPRF	17	17	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	348896865	348896865	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	461739297	461739297	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	76221921	76221921	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	0.659301758	0.659301996 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	1354224867	1354224867	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Modldx	0.585494995	0.585494995 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	165.470001	165.470001	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	100.910004	100.910004	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	72.3700027	72.3700027	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	-162.429993	-162.429993	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	131.130005	131.130005	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	1.39999998	1.39999998	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	1.25999999	1.25999999	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_SysCC	0.659301758	0.659301996 ± 0.0000152587890625	✓

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
CDDPorts_ClearPhsReasSum	1	CDDPorts_ClearPhsReasSum	1	✓

## Test Step 2.117 (Repeat Count = 1)

Name	Input Value
CDD_CDDDataAccessBfr_Cnt_G_u16	1
CDD_CorrMtrCurrPosition_Rev_G_f32[0]	0.231399998
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.2315
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	15165
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	15172
CDD_CumMechMtrPos_Rev_s15p16[0]	15165
CDD_CumMechMtrPos_Rev_s15p16[1]	15172
CDD_Die1RxError_Cnt_G_u16[0]	5019
CDD_Die1RxError_Cnt_G_u16[1]	7153
CDD_Die1RxMtrPos_Cnt_G_u16[0]	5019
CDD_Die1RxMtrPos_Cnt_G_u16[1]	7153
CDD_Die1RxRevCtr_Cnt_G_u16[0]	5019
CDD_Die1RxRevCtr_Cnt_G_u16[1]	7153
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	5019
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]	7153
CDD_Die2RxError_Cnt_G_u16[0]	5019

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Name	Input Value
CDD_Die2RxError_Cnt_G_u16[1]	7153
CDD_Die2RxMtrPos_Cnt_G_u16[0]	5019
CDD_Die2RxMtrPos_Cnt_G_u16[1]	7153
CDD_Die2RxRevCtr_Cnt_G_u16[0]	3930
CDD_Die2RxRevCtr_Cnt_G_u16[1]	5470
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	3940513946
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	3615687314
CDD_MechMtrPos1_Rev_G_u0p16[0]	8113
CDD_MechMtrPos1_Rev_G_u0p16[1]	8120
CDD_ModIdxFinal_Uls_G_u16p16[0]	33660
CDD_ModIdxFinal_Uls_G_u16p16[1]	18956
CDD_MtrCurr1_Volts_G_f32[0]	0.558713973
CDD_MtrCurr1_Volts_G_f32[1]	2.2960701
CDD_MtrCurr2_Volts_G_f32[0]	1.19994998
CDD_MtrCurr2_Volts_G_f32[1]	2.20995998
CDD_MtrCurrDax_Amp_G_f32[0]	174.710007
CDD_MtrCurrDax_Amp_G_f32[1]	184.979996
CDD_MtrCurrK1_Amps_G_f32[0]	116.019997
CDD_MtrCurrK1_Amps_G_f32[1]	159.070007
CDD_MtrCurrK2_Amps_G_f32[0]	-35.7999992
CDD_MtrCurrK2_Amps_G_f32[1]	30.6900005
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	13.7799997
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	15.6700001
CDD_MtrCurrQax_Amp_G_f32[0]	-204.639999
CDD_MtrCurrQax_Amp_G_f32[1]	-177.850006
CDD_MtrVoltDax_Volt_G_f32[0]	2.34998012
CDD_MtrVoltDax_Volt_G_f32[1]	3.55999994
CDD_MtrVoltQax_Volt_G_f32[0]	1.26999998
CDD_MtrVoltQax_Volt_G_f32[1]	2.27999997
CDD_PWMDCycleASum_Cnt_G_u32[0]	214
CDD_PWMDCycleASum_Cnt_G_u32[1]	312
CDD_PWMDCycleBSum_Cnt_G_u32[0]	2236
CDD_PWMDCycleBSum_Cnt_G_u32[1]	2852
CDD_PWMDCycleCSum_Cnt_G_u32[0]	3930
CDD_PWMDCycleCSum_Cnt_G_u32[1]	5470
CDD_PhaseAdvFinal_Cnt_G_u16[0]	2962
CDD_PhaseAdvFinal_Cnt_G_u16[1]	3974
CDD_RxMtrPosParityAccum_Cnt_G_u16[0]	2962
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	3974
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	8113
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	8120
CDD_SysCVSwitchADC_Cnt_G_u16[0]	3098
CDD_SysCVSwitchADC_Cnt_G_u16[1]	2886
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	8113
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	8120
PXAccumPrev_Cnt_M_u32[0]	61663613
PXAccumPrev_Cnt_M_u32[1]	457340678
PXAccumPrev_Cnt_M_u32[2]	287940585
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	3960531456
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	285001728
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	2266068480

Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	0	0	✔
PXAccumPrev_Cnt_M_u32[0]	495066432	495066432	✔
PXAccumPrev_Cnt_M_u32[1]	35625216	35625216	✔
PXAccumPrev_Cnt_M_u32[2]	283258560	283258560	✔
Rte_Task_2ms_10.Rte_TB.Rte_I_CDDInterface_SysCVSwitchADC_Cnt_u16.value	2886	2886	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	2.2960701	2.2960701	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	2.20995998	2.20995998	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.2315	0.2315	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.231506348	0.231506005 ± 0.0000152587890625	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	312	312	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	2852	2852	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	5470	5470	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_LRPRF	372	372	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	433402819	433402819	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	115155450	115155450	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	532188887	532188887	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	0.123901367	0.123901002 ± 0.0000152587890625	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	3615687314	3615687314	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ModIdx	0.289245605	0.289245993 ± 0.0000152587890625	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	184.979996	184.979996	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	159.070007	159.070007	✔

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Name	Actual Value	Expected Value	Result
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	30.6900005	30.6900005	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	-177.850006	-177.850006	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	15.6700001	15.6700001	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	3.55999994	3.55999994	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	2.27999997	2.27999997	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_SysCC	0.123901367	0.123901002 ± 0.0000152587890625	✓

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

## Test Case 3: Path Test

<b>Specification</b>	Performance Metrics (With "None" Instrumentation and WithPS Environment) CPU Cycles:  TS3.1 1091.00 Cycles TS3.2 1090.00 Cycles
<b>Description</b>	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"

## Test Step 3.1 (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_s15p16[0]	0
CDD_CumMechMtrPos_Rev_s15p16[1]	0
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_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	0
CDD_Die1UnderVoltgFltAccum_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_MechMtrPos1_Rev_G_u0p16[0]	0
CDD_MechMtrPos1_Rev_G_u0p16[1]	0
CDD_ModIdxFinal_Uls_G_u16p16[0]	0
CDD_ModIdxFinal_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_MtrVoltDax_Volt_G_f32[0]	0
CDD_MtrVoltDax_Volt_G_f32[1]	0
CDD_MtrVoltQax_Volt_G_f32[0]	0

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Name	Input Value
CDD_MtrVoltQax_Volt_G_f32[1]	0
CDD_PWMDDutyCycleASum_Cnt_G_u32[0]	0
CDD_PWMDDutyCycleASum_Cnt_G_u32[1]	0
CDD_PWMDDutyCycleBSum_Cnt_G_u32[0]	0
CDD_PWMDDutyCycleBSum_Cnt_G_u32[1]	0
CDD_PWMDDutyCycleCSum_Cnt_G_u32[0]	0
CDD_PWMDDutyCycleCSum_Cnt_G_u32[1]	0
CDD_PhaseAdvFinal_Cnt_G_u16[0]	0
CDD_PhaseAdvFinal_Cnt_G_u16[1]	0
CDD_RxMtrPosParityAccum_Cnt_G_u16[0]	0
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	0
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	0
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	0
CDD_SysCVSwitchADC_Cnt_G_u16[0]	0
CDD_SysCVSwitchADC_Cnt_G_u16[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
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

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	✓
Rte_Task_2ms_10.Rte_TB.Rte_I_CDDInterface_SysCVSwitchADC_Cnt_u16.value	0	0	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCMt	0	0	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCMt	0	0	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrMt	0	0	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrMt	0	0 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	0	0	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	0	0	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	0	0	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_LRPRF	0	0	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	0	0	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	0	0	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	0	0	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	0	0 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	0	0	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Modidx	0	0 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	-220	-220	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	-220	-220	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	-220	-220	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	-220	-220	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	-220	-220	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	0	0	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	0	0	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_SysCC	0	0 ± 0.0000152587890625	✓

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]	0.659897029
CDD_CorrMtrCurrPosition_Rev_G_f32[1]	0.660000026
CDD_CorrectedElecMtrPos_Rev_G_u0p16[0]	43247
CDD_CorrectedElecMtrPos_Rev_G_u0p16[1]	43254
CDD_CumMechMtrPos_Rev_s15p16[0]	43247
CDD_CumMechMtrPos_Rev_s15p16[1]	43254
CDD_Die1RxError_Cnt_G_u16[0]	126
CDD_Die1RxError_Cnt_G_u16[1]	156
CDD_Die1RxMtrPos_Cnt_G_u16[0]	126
CDD_Die1RxMtrPos_Cnt_G_u16[1]	156
CDD_Die1RxRevCtr_Cnt_G_u16[0]	126

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Name	Input Value		
CDD_Die1RxRevCtr_Cnt_G_u16[1]	156		
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[0]	126		
CDD_Die1UnderVoltgFltAccum_Cnt_G_u16[1]	156		
CDD_Die2RxError_Cnt_G_u16[0]	126		
CDD_Die2RxError_Cnt_G_u16[1]	156		
CDD_Die2RxMtrPos_Cnt_G_u16[0]	126		
CDD_Die2RxMtrPos_Cnt_G_u16[1]	156		
CDD_Die2RxRevCtr_Cnt_G_u16[0]	126		
CDD_Die2RxRevCtr_Cnt_G_u16[1]	156		
CDD_MechMtrPos1TimeStamp_uSec_G_u32[0]	1951727467		
CDD_MechMtrPos1TimeStamp_uSec_G_u32[1]	648188276		
CDD_MechMtrPos1_Rev_G_u0p16[0]	43247		
CDD_MechMtrPos1_Rev_G_u0p16[1]	43254		
CDD_ModIdxFinal_Uls_G_u16p16[0]	31352		
CDD_ModIdxFinal_Uls_G_u16p16[1]	32062		
CDD_MtrCurr1_Volts_G_f32[0]	0.867460012		
CDD_MtrCurr1_Volts_G_f32[1]	1.35637999		
CDD_MtrCurr2_Volts_G_f32[0]	4.4014101		
CDD_MtrCurr2_Volts_G_f32[1]	2.78397012		
CDD_MtrCurrDax_Amp_G_f32[0]	64.1500015		
CDD_MtrCurrDax_Amp_G_f32[1]	79.5999985		
CDD_MtrCurrK1_Amps_G_f32[0]	214.837006		
CDD_MtrCurrK1_Amps_G_f32[1]	215.839996		
CDD_MtrCurrK2_Amps_G_f32[0]	-74		
CDD_MtrCurrK2_Amps_G_f32[1]	-64		
CDD_MtrCurrQaxFinalRef_Amp_G_f32[0]	39.4000015		
CDD_MtrCurrQaxFinalRef_Amp_G_f32[1]	32.0499992		
CDD_MtrCurrQax_Amp_G_f32[0]	144.751007		
CDD_MtrCurrQax_Amp_G_f32[1]	155.233994		
CDD_MtrVoltDax_Volt_G_f32[0]	1.67999995		
CDD_MtrVoltDax_Volt_G_f32[1]	2.68993998		
CDD_MtrVoltQax_Volt_G_f32[0]	2.97398996		
CDD_MtrVoltQax_Volt_G_f32[1]	2.57774997		
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]	65535		
CDD_PhaseAdvFinal_Cnt_G_u16[1]	65535		
CDD_RxMtrPosParityAccum_Cnt_G_u16[0]	126		
CDD_RxMtrPosParityAccum_Cnt_G_u16[1]	156		
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[0]	43247		
CDD_SysCCorrectedElecMtrPos_Rev_G_u0p16[1]	43254		
CDD_SysCVSwitchADC_Cnt_G_u16[0]	3788		
CDD_SysCVSwitchADC_Cnt_G_u16[1]	1867		
CDD_UncorrMechMtrPos1_Rev_G_u0p16[0]	43247		
CDD_UncorrMechMtrPos1_Rev_G_u0p16[1]	43254		
PXAccumPrev_Cnt_M_u32[0]	49299806		
PXAccumPrev_Cnt_M_u32[1]	171726820		
PXAccumPrev_Cnt_M_u32[2]	515671997		
e_HETPROGRAM1_UN.Program1_ST.P1ACC_1.memory.data_word	1385148928		
e_HETPROGRAM1_UN.Program1_ST.P2ACC_1.memory.data_word	162418688		
e_HETPROGRAM1_UN.Program1_ST.P3ACC_1.memory.data_word	4265065984		
Name	Actual Value	Expected Value	Result
CDD_CDDDataAccessBfr_Cnt_G_u16	0	0	✔
PXAccumPrev_Cnt_M_u32[0]	173143616	173143616	✔
PXAccumPrev_Cnt_M_u32[1]	20302336	20302336	✔
PXAccumPrev_Cnt_M_u32[2]	533133248	533133248	✔
Rte_Task_2ms_10.Rte_TB.Rte_I_CDDInterface_SysCVSwitchADC_Cnt_u16.value	1867	1867	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	1.35637999	1.35637999	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM	2.78397012	2.78397012	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.660000026	0.660000026	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM	0.660003662	0.66000402 ± 0.0000152587890625	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	1543	1543	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	536	536	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Expect	648	648	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_LRPRF	0	0	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	123843810	123843810	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	385446428	385446428	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu	17461251	17461251	✔
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	0.660003662	0.66000402 ± 0.0000152587890625	✔

# TEST DETAILS REPORT

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CDDInterface\_Per1

Name	Actual Value	Expected Value	Result
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM	648188276	648188276	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Modldx	0.489227295	0.489226997 ± 0.0000152587890625	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	79.5999985	79.5999985	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	215.839996	215.839996	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	-64	-64	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	155.233994	155.233994	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur	32.0499992	32.0499992	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	2.68993998	2.68993998	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrVolt	2.57774997	2.57774997	✓
Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_SysCC	0.660003662	0.66000402 ± 0.0000152587890625	✓

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