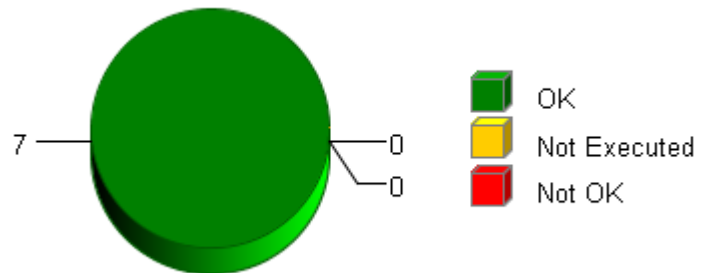


Summary

Total Test Objects: 7
Successful: 7
Failed: 0
Not Executed: 0
Date: 2016-06-03
Time: 15:23:37+0530

Overall Test Object Results (including Coverage)



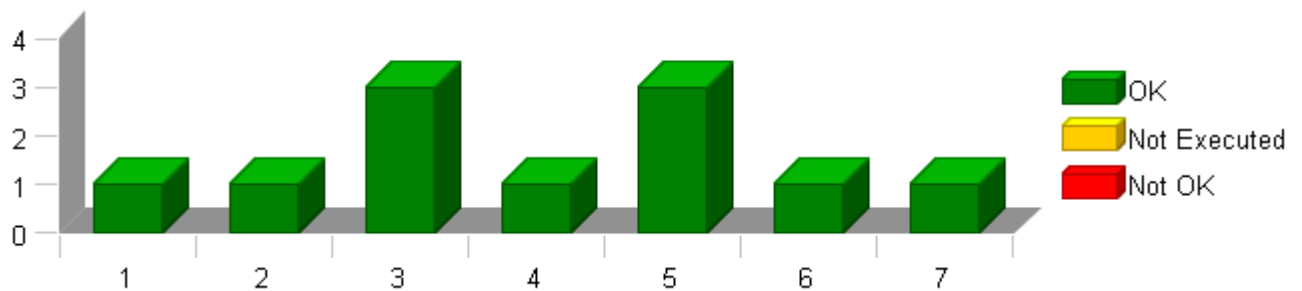
Selected Project Items

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"

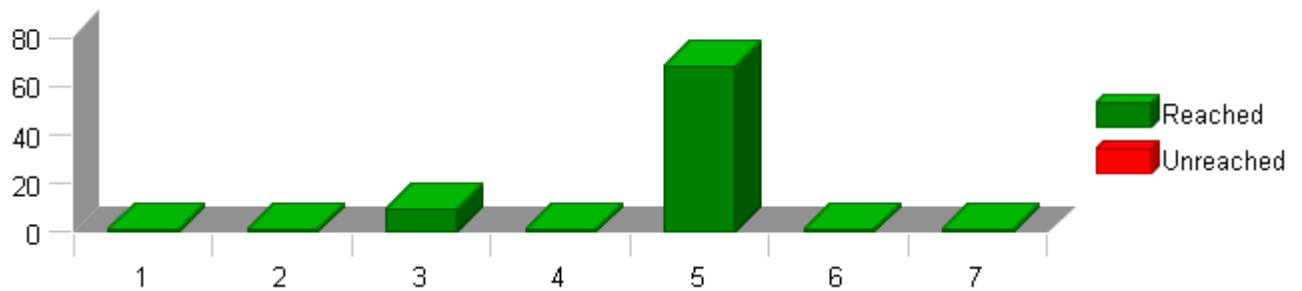
Used Test Environments

TI TMS 570 PLS UDE (Default)

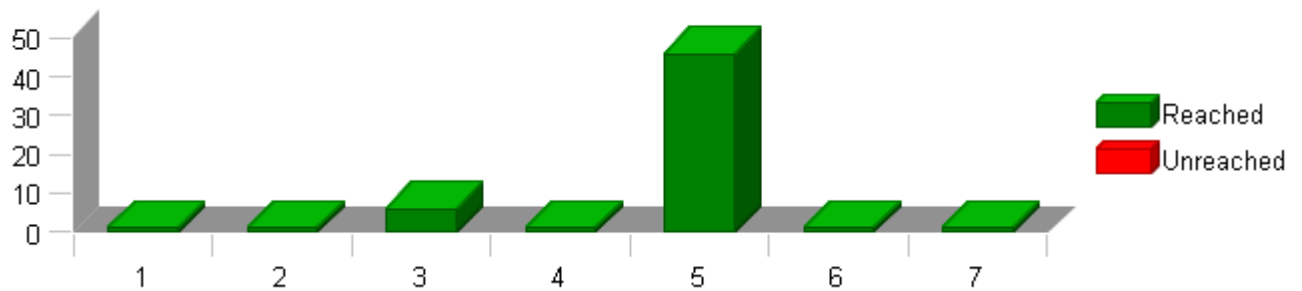
Test Case Results for Each Test Object (without Coverage)



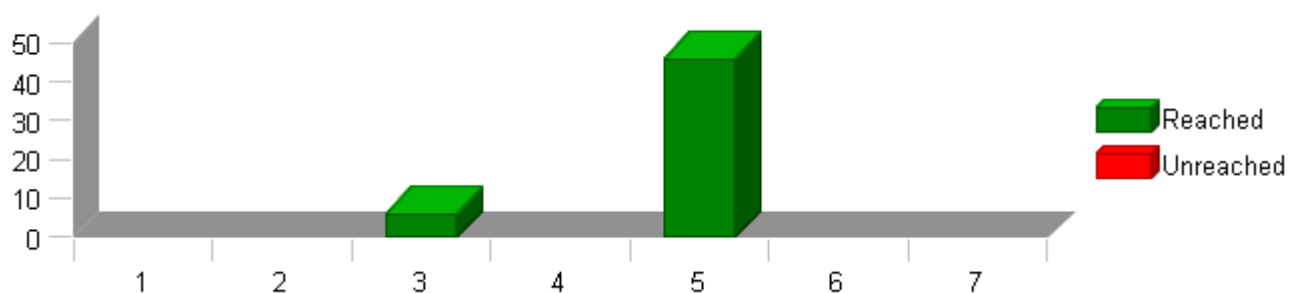
The table above shows each test object on the x axis and the number of test cases of the respective test object on the y axis. Each bar is divided into passed, not executed and failed test cases. The test case results do not take into account any coverage result (i.e. if all test cases of a test object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

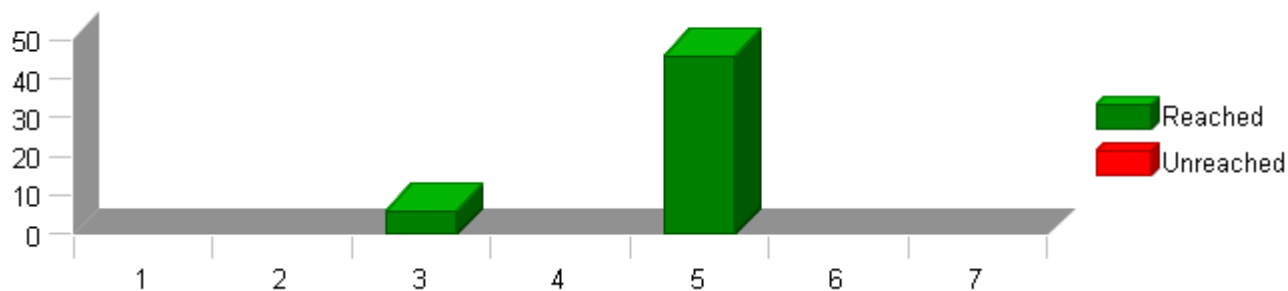
The table above shows each test object on the x axis and the number of branches of the respective test object on the y axis. Each bar is divided into reached branches (i.e. branches that have been executed during the test) and unreached branches.

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.

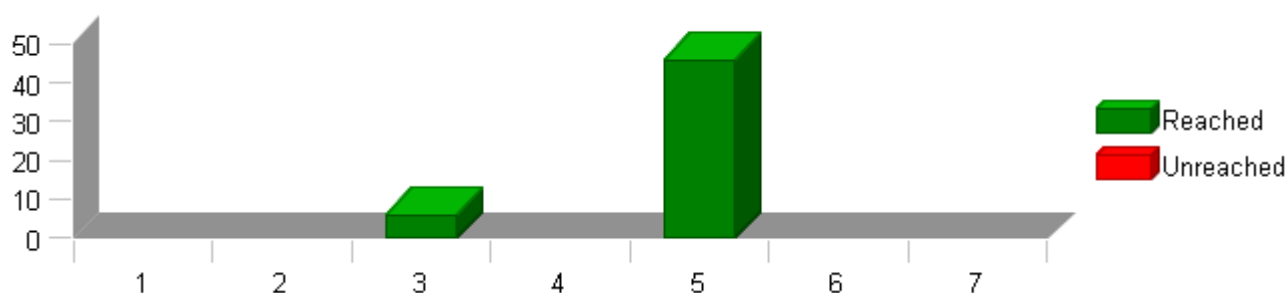
MC/DC Coverage: Total Condition Combinations for Each Test Object



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

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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 | CDDInterface_Init1 | 100 % | 100 % | - | - | - | 1 of 1 passed | ✓ |
| 2 | CDDInterface_Init2 | 100 % | 100 % | - | - | - | 1 of 1 passed | ✓ |
| 3 | CDDInterface_Per1 | 100 % | 100 % | 100 % | 100 % | 100 % | 3 of 3 passed | ✓ |
| 4 | CDDInterface_Per2 | 100 % | 100 % | - | - | - | 1 of 1 passed | ✓ |
| 5 | CDDInterface_Per4 | 100 % | 100 % | 100 % | 100 % | 100 % | 3 of 3 passed | ✓ |
| 6 | CDDInterface_Per5 | 100 % | 100 % | - | - | - | 1 of 1 passed | ✓ |
| 7 | CDDPorts_ApplyMtrElecMechPol | 100 % | 100 % | - | - | - | 1 of 1 passed | ✓ |

TEST DETAILS REPORT

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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.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_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 | | 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_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 | | 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 |  |

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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_CDDDDataAccessBfr_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_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 | 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_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 | | 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_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 | | 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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CDDInterface_Init1

| 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_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 | 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_IgnCnt_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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CDDInterface_Init1

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_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.tpl |
| Target Install Path | \$(ProgramFiles)\pls\UDE 4.4 |
| Time Unit | cycles |
| Timer Enabled | false |
| Timer Prescale | 0 |

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CDDInterface_Per4



| 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 |

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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_DEFEATHTHERMALDC_CNT_B32 == (CDD_EOLSrlComSvcDft_Cnt_G_b32 & D_DEFEATHTHERMALDC_CNT_B32))=>False (D_DEFEATEOTIMPACT_CNT_B32 == (CDD_EOLSrlComSvcDft_Cnt_G_b32 & D_DEFEATEOTIMPACT_CNT_B32))=>False (D_DEFEATEOTHTHERMAL_CNT_B32 == (CDD_EOLSrlComSvcDft_Cnt_G_b32 & D_DEFEATEOTHTHERMAL_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_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))=>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_DEFEATHTHERMALDC_CNT_B32 == (CDD_EOLSrlComSvcDft_Cnt_G_b32 & D_DEFEATHTHERMALDC_CNT_B32))=>False (D_DEFEATEOTIMPACT_CNT_B32 == (CDD_EOLSrlComSvcDft_Cnt_G_b32 & D_DEFEATEOTIMPACT_CNT_B32))=>False (D_DEFEATEOTHTHERMAL_CNT_B32 == (CDD_EOLSrlComSvcDft_Cnt_G_b32 & D_DEFEATEOTHTHERMAL_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_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_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_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 | ✓ |

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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_Whllr | 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_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 | 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_Whllr | 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_ApplyPWWMMtrElecMechPol | 1 | CDD_ApplyPWWMMtrElecMechPol | 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_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 | 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_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 | 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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CDDInterface_Per4

| 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_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 | 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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CDDInterface_Per4

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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CDDInterface_Per4

| 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_EOLSrlComSvcDft_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_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_DftAsstTbl | 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_Dwnld | 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_HysAct | 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_MfgDiag | 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_SrlCo | 564369664 | 564369664 | ✓ |
| 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 | 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 2.17 (Repeat Count = 1)

| Name | Input Value |
|--------------------------|-------------|
| CDD_DftAsstTbl_Cnt_G_lgc | 0 |

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CDDInterface_Per4

| 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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CDDInterface_Per4

| 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_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 | 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_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 | ✓ |

Test Step 2.20 (Repeat Count = 1)

| Name | Input Value |
|-------------------------------|-------------|
| CDD_DftAssTbI_Cnt_G_lgc | 0 |
| CDD_DwnldAsstGain_Uls_G_f32 | -2.38078 |
| CDD_EOLSrlComSvcDft_Cnt_G_b32 | 364862976 |

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CDDInterface_Per4

| 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_Whllr | 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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CDDInterface_Per4



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_EOLSrComSvcDft_Cnt_G_b32 & D_DEFEATENGON_CNT_B32))=>False
(D_DEFEATFREQDEPDMP_CNT_B32 == (CDD_EOLSrComSvcDft_Cnt_G_b32 & D_DEFEATFREQDEPDMP_CNT_B32))=>False
(D_DEFEATKININTDIAG_CNT_B32 == (CDD_EOLSrComSvcDft_Cnt_G_b32 & D_DEFEATKININTDIAG_CNT_B32))=>False
(D_DEFEATTHERMALDC_CNT_B32 == (CDD_EOLSrComSvcDft_Cnt_G_b32 & D_DEFEATTHERMALDC_CNT_B32))=>False
(D_DEFEATEOTIMPACT_CNT_B32 == (CDD_EOLSrComSvcDft_Cnt_G_b32 & D_DEFEATEOTIMPACT_CNT_B32))=>False
(D_DEFEATEOTTHERMAL_CNT_B32 == (CDD_EOLSrComSvcDft_Cnt_G_b32 & D_DEFEATEOTTHERMAL_CNT_B32))=>False
(D_DEFEATMTRVLRNMLRN_CNT_B32 == (CDD_EOLSrComSvcDft_Cnt_G_b32 & D_DEFEATMTRVLRNMLRN_CNT_B32))=>False
(D_DEFEATMTRPARMLRN_CNT_B32 == (CDD_EOLSrComSvcDft_Cnt_G_b32 & D_DEFEATMTRPARMLRN_CNT_B32))=>False
(D_DEFEATTRQRM_CNT_B32 == (CDD_EOLSrComSvcDft_Cnt_G_b32 & D_DEFEATTRQRM_CNT_B32))=>False
(D_DEFEATMODIDX_CNT_B32 == (CDD_EOLSrComSvcDft_Cnt_G_b32 & D_DEFEATMODIDX_CNT_B32))=>False
(D_DEFEATPULLCOMP_CNT_B32 == (CDD_EOLSrComSvcDft_Cnt_G_b32 & D_DEFEATPULLCOMP_CNT_B32))=>False
(D_DEFEATWHLIMBREJ_CNT_B32 == (CDD_EOLSrComSvcDft_Cnt_G_b32 & D_DEFEATWHLIMBREJ_CNT_B32))=>False
(D_DEFEATPARKAST_CNT_B32 == (CDD_EOLSrComSvcDft_Cnt_G_b32 & D_DEFEATPARKAST_CNT_B32))=>False
(D_DEFEATDRIVINGDYN_CNT_B32 == (CDD_EOLSrComSvcDft_Cnt_G_b32 & D_DEFEATDRIVINGDYN_CNT_B32))=>False
(D_DEFEATHYSTCOMP_CNT_B32 == (CDD_EOLSrComSvcDft_Cnt_G_b32 & D_DEFEATHYSTCOMP_CNT_B32))=>False
(D_DEFEATHYSTADD_CNT_B32 == (CDD_EOLSrComSvcDft_Cnt_G_b32 & D_DEFEATHYSTADD_CNT_B32))=>False
(D_DEFEATRETURN_CNT_B32 == (CDD_EOLSrComSvcDft_Cnt_G_b32 & D_DEFEATRETURN_CNT_B32))=>False
(D_DEFEATDAMPING_CNT_B32 == (CDD_EOLSrComSvcDft_Cnt_G_b32 & D_DEFEATDAMPING_CNT_B32))=>False
(D_DEFEATLIMIT_CNT_B32 == (CDD_EOLSrComSvcDft_Cnt_G_b32 & D_DEFEATLIMIT_CNT_B32))=>False
(D_DEFEATFRICLRN_CNT_B32 == (CDD_EOLSrComSvcDft_Cnt_G_b32 & D_DEFEATFRICLRN_CNT_B32))=>False
(D_DEFEATRXMSG_CNT_B32 == (CDD_EOLSrComSvcDft_Cnt_G_b32 & D_DEFEATRXMSG_CNT_B32))=>False
(D_DEFEATMULTIGNMASK_CNT_B32 == (CDD_EOLSrComSvcDft_Cnt_G_b32 & D_DEFEATMULTIGNMASK_CNT_B32))=>False
TS3.2"(D_DEFEATENGON_CNT_B32 == (CDD_EOLSrComSvcDft_Cnt_G_b32 & D_DEFEATENGON_CNT_B32))=>True
(D_DEFEATFREQDEPDMP_CNT_B32 == (CDD_EOLSrComSvcDft_Cnt_G_b32 & D_DEFEATFREQDEPDMP_CNT_B32))=>True
(D_DEFEATKININTDIAG_CNT_B32 == (CDD_EOLSrComSvcDft_Cnt_G_b32 & D_DEFEATKININTDIAG_CNT_B32))=>True
(D_DEFEATTHERMALDC_CNT_B32 == (CDD_EOLSrComSvcDft_Cnt_G_b32 & D_DEFEATTHERMALDC_CNT_B32))=>True
(D_DEFEATEOTIMPACT_CNT_B32 == (CDD_EOLSrComSvcDft_Cnt_G_b32 & D_DEFEATEOTIMPACT_CNT_B32))=>True
(D_DEFEATEOTTHERMAL_CNT_B32 == (CDD_EOLSrComSvcDft_Cnt_G_b32 & D_DEFEATEOTTHERMAL_CNT_B32))=>True
(D_DEFEATMTRVLRNMLRN_CNT_B32 == (CDD_EOLSrComSvcDft_Cnt_G_b32 & D_DEFEATMTRVLRNMLRN_CNT_B32))=>True
(D_DEFEATMTRPARMLRN_CNT_B32 == (CDD_EOLSrComSvcDft_Cnt_G_b32 & D_DEFEATMTRPARMLRN_CNT_B32))=>True
(D_DEFEATTRQRM_CNT_B32 == (CDD_EOLSrComSvcDft_Cnt_G_b32 & D_DEFEATTRQRM_CNT_B32))=>True
(D_DEFEATMODIDX_CNT_B32 == (CDD_EOLSrComSvcDft_Cnt_G_b32 & D_DEFEATMODIDX_CNT_B32))=>True
(D_DEFEATPULLCOMP_CNT_B32 == (CDD_EOLSrComSvcDft_Cnt_G_b32 & D_DEFEATPULLCOMP_CNT_B32))=>True
(D_DEFEATWHLIMBREJ_CNT_B32 == (CDD_EOLSrComSvcDft_Cnt_G_b32 & D_DEFEATWHLIMBREJ_CNT_B32))=>True
(D_DEFEATPARKAST_CNT_B32 == (CDD_EOLSrComSvcDft_Cnt_G_b32 & D_DEFEATPARKAST_CNT_B32))=>True
(D_DEFEATDRIVINGDYN_CNT_B32 == (CDD_EOLSrComSvcDft_Cnt_G_b32 & D_DEFEATDRIVINGDYN_CNT_B32))=>True
(D_DEFEATHYSTCOMP_CNT_B32 == (CDD_EOLSrComSvcDft_Cnt_G_b32 & D_DEFEATHYSTCOMP_CNT_B32))=>True
(D_DEFEATHYSTADD_CNT_B32 == (CDD_EOLSrComSvcDft_Cnt_G_b32 & D_DEFEATHYSTADD_CNT_B32))=>True
(D_DEFEATRETURN_CNT_B32 == (CDD_EOLSrComSvcDft_Cnt_G_b32 & D_DEFEATRETURN_CNT_B32))=>True
(D_DEFEATDAMPING_CNT_B32 == (CDD_EOLSrComSvcDft_Cnt_G_b32 & D_DEFEATDAMPING_CNT_B32))=>True
(D_DEFEATLIMIT_CNT_B32 == (CDD_EOLSrComSvcDft_Cnt_G_b32 & D_DEFEATLIMIT_CNT_B32))=>True
(D_DEFEATFRICLRN_CNT_B32 == (CDD_EOLSrComSvcDft_Cnt_G_b32 & D_DEFEATFRICLRN_CNT_B32))=>True
(D_DEFEATRXMSG_CNT_B32 == (CDD_EOLSrComSvcDft_Cnt_G_b32 & D_DEFEATRXMSG_CNT_B32))=>True
(D_DEFEATMULTIGNMASK_CNT_B32 == (CDD_EOLSrComSvcDft_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_DftAsstTbL_Cnt_G_igc | 0 |
| CDD_DwnldAsstGain_Uls_G_f32 | -16 |
| CDD_EOLSrComSvcDft_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_ModIdxSrComSvcDft_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_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 | 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_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_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 | 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_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 | ✓ | |
| 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_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_EOLSrlComSvcDft_Cnt_G_b32 | 1972815360 | | | |
| CDD_EnergyModeState_Cnt_G_u08 | 1 | | | |

TEST DETAILS REPORT

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CDDInterface_Per4

| 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_Drvin | 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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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.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_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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CDDInterface_Per5



| 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 | ✓ | |

TEST DETAILS REPORT

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CDDInterface_Per5



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 | ✓ |

TEST DETAILS REPORT

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CDDInterface_Per5



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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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.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 | ✓ |

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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.tpl |
| Target Install Path | \$(ProgramFiles)\pls\UDE 4.4 |
| Time Unit | cycles |
| Timer Enabled | false |
| Timer Prescale | 0 |

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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 |

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CDDInterface_Per1



Test Case 1: Metrics Test

| | |
|----------------------|--|
| Specification | Performance Metrics (With "None" Instrumentation and WithPS Environment) CPU Cycles: TS1.1 1110.00 Cycles TS1.2 1107.00 Cycles |
| Description | 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 |

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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 |

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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_PWMDDutyCycleASum_Cnt_G_u32[0] | 1389 |
| CDD_PWMDDutyCycleASum_Cnt_G_u32[1] | 1543 |
| CDD_PWMDDutyCycleBSum_Cnt_G_u32[0] | 246 |
| CDD_PWMDDutyCycleBSum_Cnt_G_u32[1] | 536 |
| CDD_PWMDDutyCycleCSum_Cnt_G_u32[0] | 262 |
| CDD_PWMDDutyCycleCSum_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_ADCMt | 1.35637999 | 1.35637999 | ✔ |
| Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCMt | 2.78397012 | 2.78397012 | ✔ |
| Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrMt | 0.660000026 | 0.660000026 | ✔ |
| Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrMt | 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_Measur | 123843810 | 123843810 | ✔ |
| Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measur | 385446428 | 385446428 | ✔ |
| Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measur | 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_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 | ✔ |

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CDDInterface_Per1



Test Step Call Trace

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

Test Case 2: Boundary Test

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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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CDDInterface_Per1

| | | |
|---------|---------|--------|
| 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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CDDInterface_Per1

| 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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CDDInterface_Per1

| 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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CDDInterface_Per1

| Name | Input Value | Expected Value | Result |
|--|--------------|----------------------------------|--------|
| 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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CDDInterface_Per1



| 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_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 | 0.312999994 | 0.312999994 | ✓ |
| Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM | 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_Measu | 36852641 | 36852641 | ✓ |
| Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu | 350395318 | 350395318 | ✓ |
| Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu | 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_Modldx | 0.0664672852 | 0.0664673001 ± 0.0000152587890625 | ✓ |
| 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 | -177.850006 | -177.850006 | ✓ |
| Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur | 19.5699997 | 19.5699997 | ✓ |
| 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 | 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_ModldxFinal_Uls_G_u16p16[0] | 32888 |
| CDD_ModldxFinal_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_ModlIdxFinal_Uls_G_u16p16[0] | 37186 |
| CDD_ModlIdxFinal_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_MtrCun | 138.539993 | 138.539993 | ✔ |
| Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCun | 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_L_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 | 0.195907593 ± 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_Measu | 445954955 | 445954955 | ✓ |
| Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu | 445947894 | 445947894 | ✓ |
| Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu | 438530382 | 438530382 | ✓ |
| Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MechM | 0.195907593 | 0.195907593 ± 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 | 0.195907593 ± 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_MtrCun | 131.130005 | 131.130005 | ✔ |
| 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 | 27.2000008 | 27.2000008 | ✔ |
| Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCun | 141.156998 | 141.156998 | ✔ |
| Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCun | -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_SvsCC | 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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CDDInterface_Per1

| 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_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 | -190.276993 | -190.276993 | ✔ |
| 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 | 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_SvsCC | 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_Die1UnderVoltFltAccum_Cnt_G_u16[0] | 246 | | |
| CDD_Die1UnderVoltFltAccum_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_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] | 1887302325 |
| CDD_MechMtrPos1TimeStamp_uSec_G_u32[1] | 2184289180 |
| CDD_MechMtrPos1_Rev_G_u0p16[0] | 32113 |
| CDD_MechMtrPos1_Rev_G_u0p16[1] | 32119 |
| CDD_ModlxFinal_Uls_G_u16p16[0] | 52561 |
| CDD_ModlxFinal_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_MtrCun | 110.487999 | 110.487999 | ✓ |
| Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCun | -144.320007 | -144.320007 | ✓ |
| Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCun | 26.5900002 | 26.5900002 | ✓ |
| Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCun | 56.4199982 | 56.4199982 | ✓ |
| Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCun | 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_PWMDCycleASum_Cnt_G_u32[0] | 3204 | | |
| CDD_PWMDCycleASum_Cnt_G_u32[1] | 4348 | | |
| CDD_PWMDCycleBSum_Cnt_G_u32[0] | 3446 | | |
| CDD_PWMDCycleBSum_Cnt_G_u32[1] | 4722 | | |
| CDD_PWMDCycleCSum_Cnt_G_u32[0] | 3889 | | |
| CDD_PWMDCycleCSum_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_L_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_Measu | 206812373 | 206812373 | ✓ |
| Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu | 312912905 | 312912905 | ✓ |
| Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_Measu | 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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CDDInterface_Per1

| 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_PWMDCycleASum_Cnt_G_u32[0] | 3567 |
| CDD_PWMDCycleASum_Cnt_G_u32[1] | 4909 |
| CDD_PWMDCycleBSum_Cnt_G_u32[0] | 166 |
| CDD_PWMDCycleBSum_Cnt_G_u32[1] | 168 |
| CDD_PWMDCycleCSum_Cnt_G_u32[0] | 214 |
| CDD_PWMDCycleCSum_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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CDDInterface_Per1

| 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 | Actual Value | Expected Value | Result |
|---|-------------|--------------|----------------|--------|
| CDD_CDDDataAccessBfr_Cnt_G_u16 | 1 | 0 | 0 | ✓ |
| CDD_CorrMtrCurrPosition_Rev_G_f32[0] | 0.523895025 | 457091712 | 457091712 | ✓ |
| CDD_CorrMtrCurrPosition_Rev_G_f32[1] | 0.523999989 | 433185856 | 433185856 | ✓ |
| 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_ModlxdFinal_Uls_G_u16p16[0] | 10934 | | | |
| CDD_ModlxdFinal_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 | | | |
| CDD_CDDDataAccessBfr_Cnt_G_u16 | 0 | 0 | 0 | ✓ |
| PXAccumPrev_Cnt_M_u32[0] | 457091712 | 457091712 | 457091712 | ✓ |
| PXAccumPrev_Cnt_M_u32[1] | 433185856 | 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_Modlxd | 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] | 0.368999988 |
| 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_ModlxdFinal_Uls_G_u16p16[0] | 60693 |
| CDD_ModlxdFinal_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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CDDInterface_Per1

| 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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CDDInterface_Per1

| 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_L_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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CDDInterface_Per1

| 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_PWMdutyCycleASum_Cnt_G_u32[0] | 4535 | | |
| CDD_PWMdutyCycleASum_Cnt_G_u32[1] | 6405 | | |
| CDD_PWMdutyCycleBSum_Cnt_G_u32[0] | 1268 | | |
| CDD_PWMdutyCycleBSum_Cnt_G_u32[1] | 1356 | | |
| CDD_PWMdutyCycleCSum_Cnt_G_u32[0] | 2962 | | |
| CDD_PWMdutyCycleCSum_Cnt_G_u32[1] | 3974 | | |
| CDD_PhaseAdvFinal_Cnt_G_u16[0] | 5019 | | |
| CDD_PhaseAdvFinal_Cnt_G_u16[1] | 7153 | | |
| CDD_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_MtrCur | 135.220001 | 135.220001 | ✓ |
| 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 | -74 | -74 | ✓ |
| 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 | 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_SysCC | 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 |

TEST DETAILS REPORT

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CDDInterface_Per1

| 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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CDDInterface_Per1

| 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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CDDInterface_Per1



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_Modlxd | 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] | 0.48969999 |
| 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 |
| 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_ModlxdFinal_Uls_G_u16p16[0] | 8838 |
| CDD_ModlxdFinal_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_Die1UnderVltgFltAccum_Cnt_G_u16[0] | 190 |
| CDD_Die1UnderVltgFltAccum_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_PWMDDutyCycleASum_Cnt_G_u32[0] | 5382 |
| CDD_PWMDDutyCycleASum_Cnt_G_u32[1] | 7714 |
| CDD_PWMDDutyCycleBSum_Cnt_G_u32[0] | 2115 |
| 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] | 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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CDDInterface_Per1

| 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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CDDInterface_Per1

| 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 |

TEST DETAILS REPORT

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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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CDDInterface_Per1

| 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_Modlxd | 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_ModlxdFinal_Uls_G_u16p16[0] | 37850 |
| CDD_ModlxdFinal_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_PWMDCycleASum_Cnt_G_u32[0] | 214 |
| CDD_PWMDCycleASum_Cnt_G_u32[1] | 312 |
| CDD_PWMDCycleBSum_Cnt_G_u32[0] | 3083 |
| CDD_PWMDCycleBSum_Cnt_G_u32[1] | 4161 |
| CDD_PWMDCycleCSum_Cnt_G_u32[0] | 174 |
| CDD_PWMDCycleCSum_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_MtrCur | 35.8899994 | 35.8899994 | ✓ |
| 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 | -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 | 0.231399536 | 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 | 0.231399536 | 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 | 0.231399536 | 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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CDDInterface_Per1

| 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 | ✓ |

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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 | Expected Value | Result |
|--|--------------|----------------------------------|--------|
| 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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CDDInterface_Per1

| 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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CDDInterface_Per1



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_Modlxd | 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_ModlxdFinal_Uls_G_u16p16[0] | 5251 |
| CDD_ModlxdFinal_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_Die1UnderVoltgFltAccum_Cnt_G_u16[0] | 3325 |
| CDD_Die1UnderVoltgFltAccum_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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CDDInterface_Per1

| 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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CDDInterface_Per1

| 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 | Expected Value | Result |
|--|--------------|----------------------------------|--------|
| 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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CDDInterface_Per1



| 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_ModlxdFinal_Uls_G_u16p16[0] | | 19568 | | |
| CDD_ModlxdFinal_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_PWMDCycleASum_Cnt_G_u32[0] | 1389 | | |
| CDD_PWMDCycleASum_Cnt_G_u32[1] | 1543 | | |
| CDD_PWMDCycleBSum_Cnt_G_u32[0] | 246 | | |
| CDD_PWMDCycleBSum_Cnt_G_u32[1] | 536 | | |
| CDD_PWMDCycleCSum_Cnt_G_u32[0] | 262 | | |
| CDD_PWMDCycleCSum_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_Die1UnderVoltgFltAccum_Cnt_G_u16[0] | 134 |
| CDD_Die1UnderVoltgFltAccum_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_Die1UnderVltgFltAccum_Cnt_G_u16[0] | 142 |
| CDD_Die1UnderVltgFltAccum_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_PWMDDutyCycleASum_Cnt_G_u32[0] | 1631 | | |
| CDD_PWMDDutyCycleASum_Cnt_G_u32[1] | 1917 | | |
| CDD_PWMDDutyCycleBSum_Cnt_G_u32[0] | 262 | | |
| CDD_PWMDDutyCycleBSum_Cnt_G_u32[1] | 648 | | |
| CDD_PWMDDutyCycleCSum_Cnt_G_u32[0] | 6567 | | |
| CDD_PWMDDutyCycleCSum_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_MtrCun | 85.0800018 | 85.0800018 | ✔ |
| Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCun | 35.8899994 | 35.8899994 | ✔ |

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CDDInterface_Per1

| 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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CDDInterface_Per1

| 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_MtrCun | 70.8300018 | 70.8300018 | ✔ |
| Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCun | 55.5800018 | 55.5800018 | ✔ |
| Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCun | -68.6399994 | -68.6399994 | ✔ |
| Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCun | 55.5800018 | 55.5800018 | ✔ |
| Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCun | 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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CDDInterface_Per1



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_ModIdxFinal_Uls_G_u16p16[0] | 60211 | | |
| CDD_ModIdxFinal_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_PWMDCycleASum_Cnt_G_u32[0] | 2236 | | |
| CDD_PWMDCycleASum_Cnt_G_u32[1] | 2852 | | |
| CDD_PWMDCycleBSum_Cnt_G_u32[0] | 3325 | | |
| CDD_PWMDCycleBSum_Cnt_G_u32[1] | 4535 | | |
| CDD_PWMDCycleCSum_Cnt_G_u32[0] | 5019 | | |
| CDD_PWMDCycleCSum_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_ADCM | 0.135570005 | 0.135570005 | ✓ |
| Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM | 0.943122983 | 0.943122983 | ✓ |
| Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM | 0.2324 | 0.2324 | ✓ |
| Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM | 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_Modldx | 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_ModldxFinal_Uls_G_u16p16[0] | 0 |
| CDD_ModldxFinal_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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CDDInterface_Per1

| 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_Modlclx | 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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CDDInterface_Per1

| 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_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] | 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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CDDInterface_Per1

| 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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CDDInterface_Per1

| 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_PWMDDutyCycleASum_Cnt_G_u32[0] | 2720 |
| CDD_PWMDDutyCycleASum_Cnt_G_u32[1] | 3600 |
| CDD_PWMDDutyCycleBSum_Cnt_G_u32[0] | 3567 |
| CDD_PWMDDutyCycleBSum_Cnt_G_u32[1] | 4910 |
| 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] | 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_MtrCur | -220 | -220 | ✔ |
| Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_MtrCur | -161.350006 | -161.350006 | ✔ |

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CDDInterface_Per1

| 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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CDDInterface_Per1

| 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_ADCM | 3.65309 | 3.65309 | ✓ |
| Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCM | 1.08582997 | 1.08582997 | ✓ |
| Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM | 0.246795997 | 0.246795997 | ✓ |
| Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrM | 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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CDDInterface_Per1

| 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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CDDInterface_Per1



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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CDDInterface_Per1

| 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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CDDInterface_Per1

| 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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CDDInterface_Per1



| 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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CDDInterface_Per1

| 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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CDDInterface_Per1

| 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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CDDInterface_Per1

| 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 | Expected Value | Result |
|--|--------------|----------------------------------|--------|
| 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_Die1UnderVltgFltAccum_Cnt_G_u16[0] | 3688 |
| CDD_Die1UnderVltgFltAccum_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_PWMdutyCycleASum_Cnt_G_u32[0] | 3567 | | |
| CDD_PWMdutyCycleASum_Cnt_G_u32[1] | 4909 | | |
| CDD_PWMdutyCycleBSum_Cnt_G_u32[0] | 166 | | |
| CDD_PWMdutyCycleBSum_Cnt_G_u32[1] | 168 | | |
| CDD_PWMdutyCycleCSum_Cnt_G_u32[0] | 230 | | |
| CDD_PWMdutyCycleCSum_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_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 | 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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CDDInterface_Per1

| 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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CDDInterface_Per1



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_PWMDDutyCycleASum_Cnt_G_u32[0] | 2720 |
| CDD_PWMDDutyCycleASum_Cnt_G_u32[1] | 3600 |
| CDD_PWMDDutyCycleBSum_Cnt_G_u32[0] | 3567 |
| CDD_PWMDDutyCycleBSum_Cnt_G_u32[1] | 4910 |
| 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] | 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 |

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CDDInterface_Per1

| 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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CDDInterface_Per1

| 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_Modl | 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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CDDInterface_Per1



| Test Step 2.86 (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] | | 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 | | |
| Name | Actual Value | Expected Value | Result | |
| CDD_CDDDataAccessBfr_Cnt_G_u16 | 1 | 1 |  | |
| PXAccumPrev_Cnt_M_u32[0] | 304762016 | 304762016 |  | |
| PXAccumPrev_Cnt_M_u32[1] | 518256992 | 518256992 |  | |

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CDDInterface_Per1

| 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_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] | 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_Modl | 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_ModlDxFinal_Uls_G_u16p16[0] | 59939 |
| CDD_ModlDxFinal_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_PWMDDutyCycleASum_Cnt_G_u32[0] | 278 |
| CDD_PWMDDutyCycleASum_Cnt_G_u32[1] | 760 |
| CDD_PWMDDutyCycleBSum_Cnt_G_u32[0] | 230 |
| CDD_PWMDDutyCycleBSum_Cnt_G_u32[1] | 424 |
| CDD_PWMDDutyCycleCSum_Cnt_G_u32[0] | 5624 |
| CDD_PWMDDutyCycleCSum_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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CDDInterface_Per1

| 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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CDDInterface_Per1

| 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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CDDInterface_Per1

| 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_SvsCC | 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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CDDInterface_Per1

| 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 | ✓ |

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| 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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CDDInterface_Per1

| 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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CDDInterface_Per1

| 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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CDDInterface_Per1

| 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_Modlxd | 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_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] | 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_ModlxdFinal_Uls_G_u16p16[0] | 14725 |
| CDD_ModlxdFinal_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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CDDInterface_Per1

| 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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CDDInterface_Per1



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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CDDInterface_Per1

| Name | Input Value | | |
|--|--------------|----------------------------------|--------|
| 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_ModIdx | 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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CDDInterface_Per1



| 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_PWMDCycleASum_Cnt_G_u32[0] | | 246 | | |
| CDD_PWMDCycleASum_Cnt_G_u32[1] | | 536 | | |
| CDD_PWMDCycleBSum_Cnt_G_u32[0] | | 190 | | |
| CDD_PWMDCycleBSum_Cnt_G_u32[1] | | 192 | | |
| CDD_PWMDCycleCSum_Cnt_G_u32[0] | | 6350 | | |
| CDD_PWMDCycleCSum_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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CDDInterface_Per1

| 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_Die1UnderVoltFltAccum_Cnt_G_u16[0] | 262 | | |
| CDD_Die1UnderVoltFltAccum_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_Modl | 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_ModlDxFinal_Uls_G_u16p16[0] | 61791 |
| CDD_ModlDxFinal_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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CDDInterface_Per1

| 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_ADCMt | 1.47049999 | 1.47049999 | ✔ |
| Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_ADCMt | 4.68084002 | 4.68084002 | ✔ |
| Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrMt | 0.246094003 | 0.246094003 | ✔ |
| Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per1.Rte_CorrMt | 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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CDDInterface_Per1

| 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_Modl | 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_ModlxdFinal_Uls_G_u16p16[0] | | 44178 | | |
| CDD_ModlxdFinal_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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CDDInterface_Per1

| 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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CDDInterface_Per1

| 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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CDDInterface_Per1

| 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_PWMDDutyCycleASum_Cnt_G_u32[0] | 214 |
| CDD_PWMDDutyCycleASum_Cnt_G_u32[1] | 312 |
| CDD_PWMDDutyCycleBSum_Cnt_G_u32[0] | 2236 |
| CDD_PWMDDutyCycleBSum_Cnt_G_u32[1] | 2852 |
| CDD_PWMDDutyCycleCSum_Cnt_G_u32[0] | 3930 |
| CDD_PWMDDutyCycleCSum_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

| | |
|----------------------|---|
| Specification | Performance Metrics (With "None" Instrumentation and WithPS Environment) CPU Cycles: TS3.1 1091.00 Cycles TS3.2 1090.00 Cycles |
| Description | Vector Description: TS3.1"(PXAccum_Cnt_T_u32[i] < PXAccumPrev_Cnt_M_u32[i])=>False (PhaseAdvFinal_Cnt_T_u16 >= D_HALFREV_CNT_U16)=>False" TS3.2"(PXAccum_Cnt_T_u32[i] < PXAccumPrev_Cnt_M_u32[i])=>True (PhaseAdvFinal_Cnt_T_u16 >= D_HALFREV_CNT_U16)=>True" |

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_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 |
| 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_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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CDDInterface_Per1

| 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 | ✔ |

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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 | ✓ |

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)\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.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_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)\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.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 |

TEST DETAILS REPORT

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CDDInterface_Per2

| 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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| 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_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] | -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 | ✓ |

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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_MtrCun | 3.61689997 |
| Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per2.Rte_MtrCun | 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_MtrCun | | 1.86571002 | | |
| 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 | | -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_MtrCur | 4.8696599 |
| Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per2.Rte_MtrCur | 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_MtrCun | | 1.16745996 | | |
| Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per2.Rte_MtrCun | | 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_MtrCur | 0.441742003 | | |
| 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] | -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_MtrCur | 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_MtrCun | 4.84580994 | | |
| Rte_Task_2ms_10.Rte_RB.Rte_Sa_CDDInterface_CDDInterface_Per2.Rte_MtrCurr | 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 | ✓ | |

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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 | ✓ |