## Summary

| | |
|---|---|
| **Total Test Objects:** | 5 |
| **Successful:** | 5 |
| **Failed:** | 0 |
| **Not Executed:** | 0 |
| **Date:** | 2018-05-24 |
| **Time:** | 13:46:52+0530 |

## Overall Test Object Results (including Coverage)



- OK
- Not Executed
- Not OK
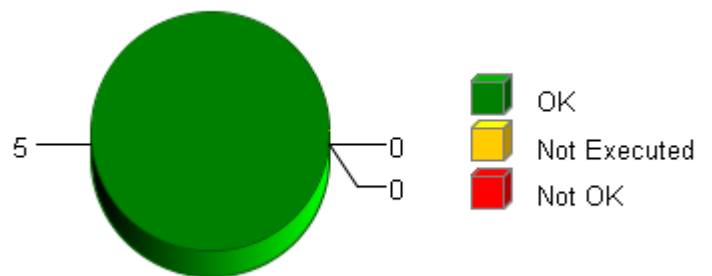
## Selected Project Items

Test Object "CBD_UnitTest/SrlComDriver/SrlComDriver_PreRxISDAT4V2BSI552"
Test Object "CBD_UnitTest/SrlComDriver/SrlComDriver_PreRxISDYNAAS"
Test Object "CBD_UnitTest/SrlComDriver/SrlComDriver_PreRxISDYNABR"
Test Object "CBD_UnitTest/SrlComDriver/SrlComDriver_PreRxISDYNVOL"
Test Object "CBD_UnitTest/SrlComDriver/SrlComDriver_PreRxPROTOHS1DYNUCF5CD"

## Used Test Environments

GNU GCC GNU GVD (Default)

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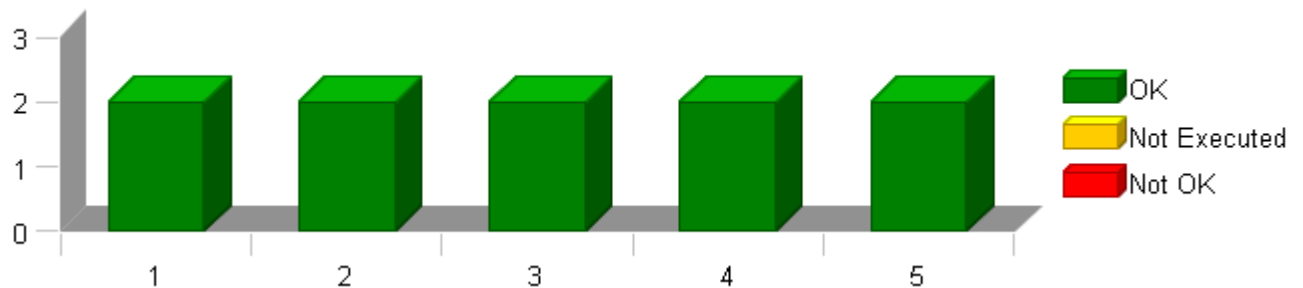


The table above shows each test object on the x axis and the number of test cases of the respective test object on the y axis. Each bar is divided into passed, not executed and failed test cases. The test case results do not take into account any coverage result (i.e. if all test cases of a test object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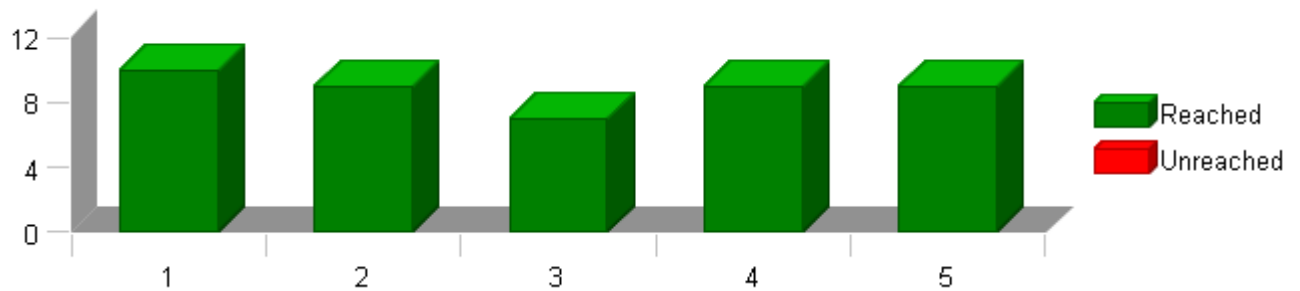


The table above shows each test object on the x axis and the number of statements of the respective test object on the y axis. Each bar is divided into reached statements (i.e. statements that have been executed during the test) and unreached statements.

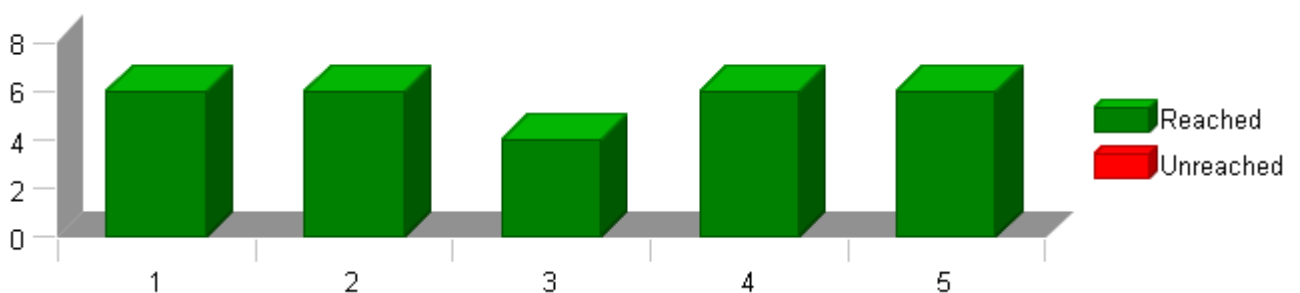## Branch (C1) Coverage: Total Branches for Each Test Object
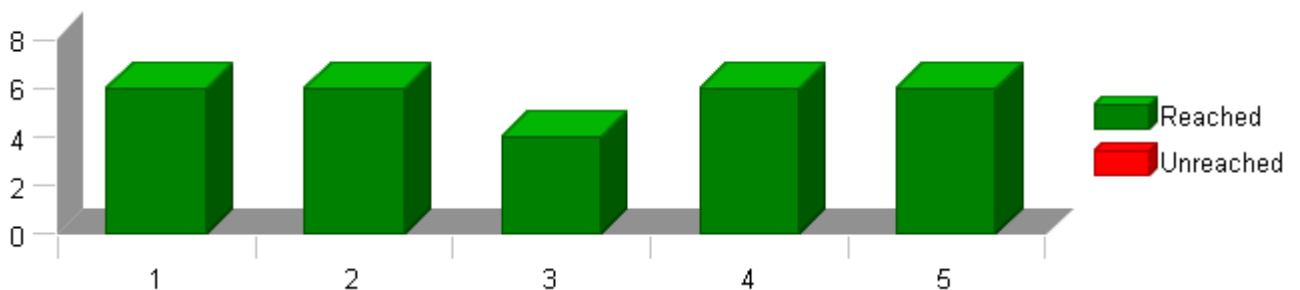


The table above shows each test object on the x axis and the number of branches of the respective test object on the y axis. Each bar is divided into reached branches (i.e. branches that have been executed during the test) and unreached branches.

## 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
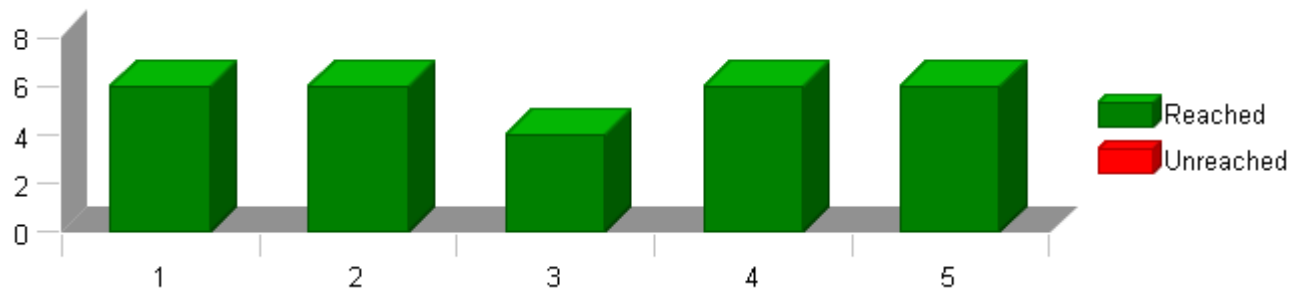


The table above shows test objects on the x axis and the number of condition combinations of all decisions of the respective test object on the y axis. The number of condition combinations is based on the number of boolean conditions within each decision of the test object. To achieve full MC/DC coverage, 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.

## 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 | Test Cases | Result |
|-----|------|-----|-----|-----|--------|------------|--------|
| | SrlComDriver | 100 % | 100 % | 100 % | 100 % | 10 of 10 passed | ✔ |
| | CBD_UnitTest | 100 % | 100 % | 100 % | 100 % | 10 of 10 passed | ✔ |
| | SrlComDriver | 100 % | 100 % | 100 % | 100 % | 10 of 10 passed | ✔ |
| 1 | SrlComDriver_PreRxISDAT4V2BSI552 | 100 % | 100 % | 100 % | 100 % | 2 of 2 passed | ✔ |
| 2 | SrlComDriver_PreRxISDYNAAS | 100 % | 100 % | 100 % | 100 % | 2 of 2 passed | ✔ |
| 3 | SrlComDriver_PreRxISDYNABR | 100 % | 100 % | 100 % | 100 % | 2 of 2 passed | ✔ |
| 4 | SrlComDriver_PreRxISDYNVOL | 100 % | 100 % | 100 % | 100 % | 2 of 2 passed | ✔ |
| 5 | SrlComDriver_PreRxPROTOHS1DYNUCF5CD | 100 % | 100 % | 100 % | 100 % | 2 of 2 passed | ✔ |

| | |
|---|---|
| **Project** | SrlComDriver |
| **Module** | SrlComDriver |
| **Test Object** | SrlComDriver_PreRxISDAT4V2BSI552 |

## Instrumentation: Test Object Only

| | |
|---|---|
| **Statement (C0) Coverage** | 100 % |
| **Decision Coverage** | 100 % |
| **Branch (C1) Coverage** | 100 % |
| **MC/DC Coverage** | 100 % |

## Statistics

| | | |
|---|---|---|
| **Total Testcases** | 2 | |
| **Successful** | 2 | ✔ |
| **Failed** | 0 | |
| **Not Executed** | 0 | |

## Module Properties

| | |
|---|---|
| **Project Root Directory** | D:\Synergy_Work_Area_3.0\Task_EA3_20106_PSA_CMP_05.03.00_SrlComDriver |
| **Configuration File** | $(PROJECTROOT)\tessy\config\configuration.xml |
| **Target Environment** | GNU GCC GNU GVD (Default) |
| **Kind of Test** | Unit Test |
| **Linker Options** | |
| **Source File(s)** | |
| **File** | $(PROJECTROOT)\SrlComDriver\src\Cd_SrlComDriver.c |
| **Compiler Options** | -DSKIP_MAGIC_NUMBER= -D_DATA_ACCESS= -D__inline= -D_extern= -Dconst= -Dstatic= -I$(PROJECTROOT)\Contract_modified -I$(PROJECTROOT)\NxtrLib\include -I$(PROJECTROOT)\StdDef\include -I$(ProgramFiles)\Texas Instruments\ccsv4\tools\compiler\tms470_4.9.5\include |

### Attributes

| Name | Value |
|---|---|
| Compiler Install Path | $(ProgramFiles)\Texas Instruments\ccsv4\tools\compiler\tms470_4.9.5\include |
| Float Precision | 9 |

### Comments/Description/Specification

| Name | Text |
|---|---|
| Module 'SrlComDriver' | *************************************Unit Test Information*********************************************<br>Name of Tester:Divya Jape<br>Code File(s) Under Test:Cd_SrlComDriver.c<br>Code File(s) Version:15<br>Module Design Document:SrlComDriver_MDD.doc<br>Module Design Document Version:7<br>Data Dictionary Version:11<br>Unit Test Plan Version:5<br>Optimization Level:Ogeneral<br>Compiler (CodeGen) Version:TMS470_4.9.5<br>Model Type:None<br>Model Version:Nexteer EPS Unit Test Tool 1.0<br>Total FLASH Used (Bytes):4846<br>Total RAM Used (Bytes):75<br>Total CALS Used (Bytes):3<br>Special Test Requirements:NA<br>Test Date:5/24/2018<br>Comments: Note 1: "CBD_Sandbox_dbg.map" MAP file embedded for reference.<br>Note 2: Inline functions in GlobalMacro.h are not unit tested.<br>Note 3: For Functions 'SrlComDriver_PreRxISDYNAAS', 'SrlComDriver_PreRxISDYNABR', 'SrlComDriver_PreRxISDYNVOL', 'SrlComDriver_PreRxISDAT4V2BSI552' and<br>'SrlComDriver_PreRxPROTOHS1DYNUCF5CD' only SIL report is generated because of the interface issue.<br>*********************************************************************************************** |

## Test Case 1: Metric Test ✔

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

TS1.1 2441.00 Cycles
TS1.2 1493.00 Cycles
```

**Description**     Vector Description-->

TS1.1Shortest Execution Path
if( k_JDD2010Selected_Cnt_lgc == TRUE )=>F
TS1.2Longest Execution Path
if( k_JDD2010Selected_Cnt_lgc == TRUE )=>T
if( DLC_Cnt_T_u08 < 8u )=>F

### Test Step 1.1 (Repeat Count = 1) ✔

| Name | Input Value |
|---|---|
| GetSystemTime_mS_u32(CurrentTime) | target_GetSystemTime_mS_u32_CurrentTime |
| ISDAT4V2BSI552MsgDLCError_Cnt_M_u08 | 0 |
| k_JDD2010Selected_Cnt_lgc | 0 |
| rxStruct | target_rxStruct |
| target_GetSystemTime_mS_u32_CurrentTime | 0 |
| target_pChipData[0] | 0 |
| target_pChipData[1] | 0 |
| target_pChipData[2] | 0 |
| target_pChipData[3] | 0 |
| target_pChipData[4] | 0 |
| target_pChipData[5] | 0 |
| target_pChipData[6] | 0 |
| target_pChipData[7] | 0 |
| target_pChipMsgObj | 0 |
| target_rxStruct.pChipMsgObj | target_pChipMsgObj |
| target_rxStruct.pChipData | target_pChipData |

| Name | Actual Value | Expected Value | Result |
|---|---|---|---|
| ISDAT4V2BSI552MsgDLCError_Cnt_M_u08 | 0 | 0 | ✔ |
| Rte_Write_Cd_SrlComDriver_AnneeEcoule_Cnt_u08(data) | 0 | 0 | ✔ |
| Rte_Write_Cd_SrlComDriver_CompteurTemporelVehicule_Cnt_u32(data) | 0 | 0 | ✔ |
| Rte_Write_Cd_SrlComDriver_ComputerRazGCT_Cnt_u08(data) | 0 | 0 | ✔ |
| Rte_Write_Cd_SrlComDriver_ISDAT4V2BSI552MsgDLCError_Cnt_u08(data) | 0 | 0 | ✔ |
| Rte_Write_Cd_SrlComDriver_ISDAT4V2BSI552MsgRxTime_MSec_u32(data) | 0 | 0 | ✔ |
| Rte_Write_Cd_SrlComDriver_JourEcoule_Cnt_u16(data) | 260 | 260 | ✔ |
| Rte_Write_Cd_SrlComDriver_Kilometrage_Cnt_u32(data) | 0 | 0 | ✔ |
| Rte_Write_Cd_SrlComDriver_SecondeEcoulee_Cnt_u32(data) | 0 | 0 | ✔ |
| SrlComDriver_PreRxISDAT4V2BSI552() | 0 | 0 | ✔ |

#### *Test Step Call Trace* ✔

| Actual Function | Count | Expected Function | Count | Result |
|---|---|---|---|---|
| GetSystemTime_mS_u32 | 1 | GetSystemTime_mS_u32 | 1 | ✔ |
| Rte_Write_Cd_SrlComDriver_SecondeEcoulee_Cnt_u32 | 1 | Rte_Write_Cd_SrlComDriver_SecondeEcoulee_Cnt_u32 | 1 | ✔ |
| Rte_Write_Cd_SrlComDriver_JourEcoule_Cnt_u16 | 1 | Rte_Write_Cd_SrlComDriver_JourEcoule_Cnt_u16 | 1 | ✔ |
| Rte_Write_Cd_SrlComDriver_AnneeEcoule_Cnt_u08 | 1 | Rte_Write_Cd_SrlComDriver_AnneeEcoule_Cnt_u08 | 1 | ✔ |
| Rte_Write_Cd_SrlComDriver_ISDAT4V2BSI552MsgRxTime_MSec_u32 | 1 | Rte_Write_Cd_SrlComDriver_ISDAT4V2BSI552MsgRxTime_MSec_u32 | 1 | ✔ |

### Test Step 1.2 (Repeat Count = 1) ✔

| Name | Input Value |
|---|---|
| GetSystemTime_mS_u32(CurrentTime) | target_GetSystemTime_mS_u32_CurrentTime |
| ISDAT4V2BSI552MsgDLCError_Cnt_M_u08 | 255 |
| k_JDD2010Selected_Cnt_lgc | 1 |
| rxStruct | target_rxStruct |
| target_GetSystemTime_mS_u32_CurrentTime | 4294967295 |
| target_pChipData[0] | 255 |
| target_pChipData[1] | 255 |
| target_pChipData[2] | 255 |
| target_pChipData[3] | 255 |
| target_pChipData[4] | 255 |
| target_pChipData[5] | 255 |
| target_pChipData[6] | 255 |
| target_pChipData[7] | 255 |
| target_pChipMsgObj | 3 |
| target_rxStruct.pChipMsgObj | target_pChipMsgObj |

SrlComDriver_PreRxISDAT4V2BSI552

| Name | Input Value | | |
|------|-------------|---|---|
| target_rxStruct.pChipData | target_pChipData | | |
| **Name** | **Actual Value** | **Expected Value** | **Result** |
| ISDAT4V2BSI552MsgDLCError_Cnt_M_u08 | 255 | 255 | ✓ |
| Rte_Write_Cd_SrlComDriver_AnneeEcoule_Cnt_u08(data) | 0 | 0 | ✓ |
| Rte_Write_Cd_SrlComDriver_CompteurTemporelVehicule_Cnt_u32(data) | 4294967295 | 4294967295 | ✓ |
| Rte_Write_Cd_SrlComDriver_ComputerRazGCT_Cnt_u08(data) | 255 | 255 | ✓ |
| Rte_Write_Cd_SrlComDriver_ISDAT4V2BSI552MsgDLCError_Cnt_u08(data) | 0 | 0 | ✓ |
| Rte_Write_Cd_SrlComDriver_ISDAT4V2BSI552MsgRxTime_MSec_u32(data) | 4294967295 | 4294967295 | ✓ |
| Rte_Write_Cd_SrlComDriver_JourEcoule_Cnt_u16(data) | 260 | 260 | ✓ |
| Rte_Write_Cd_SrlComDriver_Kilometrage_Cnt_u32(data) | 16777215 | 16777215 | ✓ |
| Rte_Write_Cd_SrlComDriver_SecondeEcoulee_Cnt_u32(data) | 0 | 0 | ✓ |
| SrlComDriver_PreRxISDAT4V2BSI552() | 0 | 0 | ✓ |

| **Test Step Call Trace** | | | | ✓ |
|---|---|---|---|---|
| **Actual Function** | **Count** | **Expected Function** | **Count** | **Result** |
| GetSystemTime_mS_u32 | 1 | GetSystemTime_mS_u32 | 1 | ✓ |
| Rte_Write_Cd_SrlComDriver_CompteurTemporelVehicule_Cnt_u32 | 1 | Rte_Write_Cd_SrlComDriver_CompteurTemporelVehicule_Cnt_u32 | 1 | ✓ |
| Rte_Write_Cd_SrlComDriver_Kilometrage_Cnt_u32 | 1 | Rte_Write_Cd_SrlComDriver_Kilometrage_Cnt_u32 | 1 | ✓ |
| Rte_Write_Cd_SrlComDriver_ComputerRazGCT_Cnt_u08 | 1 | Rte_Write_Cd_SrlComDriver_ComputerRazGCT_Cnt_u08 | 1 | ✓ |
| Rte_Write_Cd_SrlComDriver_ISDAT4V2BSI552MsgRxTime_MSec_u32 | 1 | Rte_Write_Cd_SrlComDriver_ISDAT4V2BSI552MsgRxTime_MSec_u32 | 1 | ✓ |

| **Test Case 2: Range Test** | ✓ |
|---|---|

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

TS2.1 2409.00 Cycles
TS2.2 1493.00 Cycles
TS2.3 2372.00 Cycles
TS2.4 1477.00 Cycles
TS2.5 2372.00 Cycles
TS2.6 2372.00 Cycles
TS2.7 2372.00 Cycles
TS2.8 1477.00 Cycles
TS2.9 2372.00 Cycles
TS2.10 1477.00 Cycles
TS2.11 2372.00 Cycles
TS2.12 1477.00 Cycles
TS2.13 1477.00 Cycles
TS2.14 1477.00 Cycles
TS2.15 1477.00 Cycles
TS2.16 1477.00 Cycles
```

**Description**  Vector Description-->

```
TS2.1All Min
TS2.2All Max
TS2.3GetSystemTime_mS_u32==>Min
TS2.4GetSystemTime_mS_u32==>Max
TS2.5GetSystemTime_mS_u32==>Pos
TS2.6rxStruct.pChipData[8]==>Min
TS2.7rxStruct.pChipData[8]==>Max
TS2.8rxStruct.pChipData[8]==>Pos
TS2.9rxStruct.pChipMsgObj==>Min
TS2.10rxStruct.pChipMsgObj==>Max
TS2.11rxStruct.pChipMsgObj==>Pos
TS2.12k_JDD2010Selected_Cnt_lgc==>Min
TS2.13k_JDD2010Selected_Cnt_lgc==>Max
TS2.14ISDAT4V2BSI552MsgDLCError_Cnt_M_u08==>Min
TS2.15ISDAT4V2BSI552MsgDLCError_Cnt_M_u08==>Max
TS2.16ISDAT4V2BSI552MsgDLCError_Cnt_M_u08==>Pos
```

| **Test Step 2.1 (Repeat Count = 1)** | ✓ |
|---|---|
| **Name** | **Input Value** |
| GetSystemTime_mS_u32(CurrentTime) | target_GetSystemTime_mS_u32_CurrentTime |
| ISDAT4V2BSI552MsgDLCError_Cnt_M_u08 | 0 |
| k_JDD2010Selected_Cnt_lgc | 0 |
| rxStruct | target_rxStruct |
| target_GetSystemTime_mS_u32_CurrentTime | 0 |
| target_pChipData[0] | 0 |
| target_pChipData[1] | 0 |
| target_pChipData[2] | 0 |
| target_pChipData[3] | 0 |
| target_pChipData[4] | 0 |
| target_pChipData[5] | 0 |
| target_pChipData[6] | 0 |
| target_pChipData[7] | 0 |
| target_pChipMsgObj | 0 |
| target_rxStruct.pChipMsgObj | target_pChipMsgObj |

| Name | Input Value | | |
|---|---|---|---|
| target_rxStruct.pChipData | target_pChipData | | |
| **Name** | **Actual Value** | **Expected Value** | **Result** |
| ISDAT4V2BSI552MsgDLCError_Cnt_M_u08 | 0 | 0 | ✔ |
| Rte_Write_Cd_SrlComDriver_AnneeEcoule_Cnt_u08(data) | 0 | 0 | ✔ |
| Rte_Write_Cd_SrlComDriver_CompteurTemporelVehicule_Cnt_u32(data) | 0 | 0 | ✔ |
| Rte_Write_Cd_SrlComDriver_ComputerRazGCT_Cnt_u08(data) | 0 | 0 | ✔ |
| Rte_Write_Cd_SrlComDriver_ISDAT4V2BSI552MsgDLCError_Cnt_u08(data) | 0 | 0 | ✔ |
| Rte_Write_Cd_SrlComDriver_ISDAT4V2BSI552MsgRxTime_MSec_u32(data) | 0 | 0 | ✔ |
| Rte_Write_Cd_SrlComDriver_JourEcoule_Cnt_u16(data) | 260 | 260 | ✔ |
| Rte_Write_Cd_SrlComDriver_Kilometrage_Cnt_u32(data) | 0 | 0 | ✔ |
| Rte_Write_Cd_SrlComDriver_SecondeEcoulee_Cnt_u32(data) | 0 | 0 | ✔ |
| SrlComDriver_PreRxISDAT4V2BSI552() | 0 | 0 | ✔ |

## Test Step Call Trace ✔

| Actual Function | Count | Expected Function | Count | Result |
|---|---|---|---|---|
| GetSystemTime_mS_u32 | 1 | GetSystemTime_mS_u32 | 1 | ✔ |
| Rte_Write_Cd_SrlComDriver_SecondeEcoulee_Cnt_u32 | 1 | Rte_Write_Cd_SrlComDriver_SecondeEcoulee_Cnt_u32 | 1 | ✔ |
| Rte_Write_Cd_SrlComDriver_JourEcoule_Cnt_u16 | 1 | Rte_Write_Cd_SrlComDriver_JourEcoule_Cnt_u16 | 1 | ✔ |
| Rte_Write_Cd_SrlComDriver_AnneeEcoule_Cnt_u08 | 1 | Rte_Write_Cd_SrlComDriver_AnneeEcoule_Cnt_u08 | 1 | ✔ |
| Rte_Write_Cd_SrlComDriver_ISDAT4V2BSI552MsgRxTime_MSec_u32 | 1 | Rte_Write_Cd_SrlComDriver_ISDAT4V2BSI552MsgRxTime_MSec_u32 | 1 | ✔ |

## Test Step 2.2 (Repeat Count = 1) ✔

| Name | Input Value | | |
|---|---|---|---|
| GetSystemTime_mS_u32(CurrentTime) | target_GetSystemTime_mS_u32_CurrentTime | | |
| ISDAT4V2BSI552MsgDLCError_Cnt_M_u08 | 255 | | |
| k_JDD2010Selected_Cnt_lgc | 1 | | |
| rxStruct | target_rxStruct | | |
| target_GetSystemTime_mS_u32_CurrentTime | 4294967295 | | |
| target_pChipData[0] | 255 | | |
| target_pChipData[1] | 255 | | |
| target_pChipData[2] | 255 | | |
| target_pChipData[3] | 255 | | |
| target_pChipData[4] | 255 | | |
| target_pChipData[5] | 255 | | |
| target_pChipData[6] | 255 | | |
| target_pChipData[7] | 255 | | |
| target_pChipMsgObj | 3 | | |
| target_rxStruct.pChipMsgObj | target_pChipMsgObj | | |
| target_rxStruct.pChipData | target_pChipData | | |
| **Name** | **Actual Value** | **Expected Value** | **Result** |
| ISDAT4V2BSI552MsgDLCError_Cnt_M_u08 | 255 | 255 | ✔ |
| Rte_Write_Cd_SrlComDriver_AnneeEcoule_Cnt_u08(data) | 0 | 0 | ✔ |
| Rte_Write_Cd_SrlComDriver_CompteurTemporelVehicule_Cnt_u32(data) | 4294967295 | 4294967295 | ✔ |
| Rte_Write_Cd_SrlComDriver_ComputerRazGCT_Cnt_u08(data) | 255 | 255 | ✔ |
| Rte_Write_Cd_SrlComDriver_ISDAT4V2BSI552MsgDLCError_Cnt_u08(data) | 0 | 0 | ✔ |
| Rte_Write_Cd_SrlComDriver_ISDAT4V2BSI552MsgRxTime_MSec_u32(data) | 4294967295 | 4294967295 | ✔ |
| Rte_Write_Cd_SrlComDriver_JourEcoule_Cnt_u16(data) | 260 | 260 | ✔ |
| Rte_Write_Cd_SrlComDriver_Kilometrage_Cnt_u32(data) | 16777215 | 16777215 | ✔ |
| Rte_Write_Cd_SrlComDriver_SecondeEcoulee_Cnt_u32(data) | 0 | 0 | ✔ |
| SrlComDriver_PreRxISDAT4V2BSI552() | 0 | 0 | ✔ |

## Test Step Call Trace ✔

| Actual Function | Count | Expected Function | Count | Result |
|---|---|---|---|---|
| GetSystemTime_mS_u32 | 1 | GetSystemTime_mS_u32 | 1 | ✔ |
| Rte_Write_Cd_SrlComDriver_CompteurTemporelVehicule_Cnt_u32 | 1 | Rte_Write_Cd_SrlComDriver_CompteurTemporelVehicule_Cnt_u32 | 1 | ✔ |
| Rte_Write_Cd_SrlComDriver_Kilometrage_Cnt_u32 | 1 | Rte_Write_Cd_SrlComDriver_Kilometrage_Cnt_u32 | 1 | ✔ |
| Rte_Write_Cd_SrlComDriver_ComputerRazGCT_Cnt_u08 | 1 | Rte_Write_Cd_SrlComDriver_ComputerRazGCT_Cnt_u08 | 1 | ✔ |
| Rte_Write_Cd_SrlComDriver_ISDAT4V2BSI552MsgRxTime_MSec_u32 | 1 | Rte_Write_Cd_SrlComDriver_ISDAT4V2BSI552MsgRxTime_MSec_u32 | 1 | ✔ |

## Test Step 2.3 (Repeat Count = 1) ✔

| Name | Input Value |
|---|---|
| GetSystemTime_mS_u32(CurrentTime) | target_GetSystemTime_mS_u32_CurrentTime |
| ISDAT4V2BSI552MsgDLCError_Cnt_M_u08 | 59 |
| k_JDD2010Selected_Cnt_lgc | 0 |
| rxStruct | target_rxStruct |
| target_GetSystemTime_mS_u32_CurrentTime | 0 |

| Name | Input Value |
|---|---|
| target_pChipData[0] | 12 |
| target_pChipData[1] | 16 |
| target_pChipData[2] | 32 |
| target_pChipData[3] | 81 |
| target_pChipData[4] | 87 |
| target_pChipData[5] | 100 |
| target_pChipData[6] | 210 |
| target_pChipData[7] | 251 |
| target_pChipMsgObj | 0 |
| target_rxStruct.pChipMsgObj | target_pChipMsgObj |
| target_rxStruct.pChipData | target_pChipData |

| Name | Actual Value | Expected Value | Result |
|---|---|---|---|
| ISDAT4V2BSI552MsgDLCError_Cnt_M_u08 | 59 | 59 | ✓ |
| Rte_Write_Cd_SrlComDriver_AnneeEcoule_Cnt_u08(data) | 0 | 0 | ✓ |
| Rte_Write_Cd_SrlComDriver_CompteurTemporelVehicule_Cnt_u32(data) | 4294967295 | 4294967295 | ✓ |
| Rte_Write_Cd_SrlComDriver_ComputerRazGCT_Cnt_u08(data) | 255 | 255 | ✓ |
| Rte_Write_Cd_SrlComDriver_ISDAT4V2BSI552MsgDLCError_Cnt_u08(data) | 0 | 0 | ✓ |
| Rte_Write_Cd_SrlComDriver_ISDAT4V2BSI552MsgRxTime_MSec_u32(data) | 0 | 0 | ✓ |
| Rte_Write_Cd_SrlComDriver_JourEcoule_Cnt_u16(data) | 260 | 260 | ✓ |
| Rte_Write_Cd_SrlComDriver_Kilometrage_Cnt_u32(data) | 16777215 | 16777215 | ✓ |
| Rte_Write_Cd_SrlComDriver_SecondeEcoulee_Cnt_u32(data) | 0 | 0 | ✓ |
| SrlComDriver_PreRxISDAT4V2BSI552() | 0 | 0 | ✓ |

### Test Step Call Trace ✓

| Actual Function | Count | Expected Function | Count | Result |
|---|---|---|---|---|
| GetSystemTime_mS_u32 | 1 | GetSystemTime_mS_u32 | 1 | ✓ |
| Rte_Write_Cd_SrlComDriver_SecondeEcoulee_Cnt_u32 | 1 | Rte_Write_Cd_SrlComDriver_SecondeEcoulee_Cnt_u32 | 1 | ✓ |
| Rte_Write_Cd_SrlComDriver_JourEcoule_Cnt_u16 | 1 | Rte_Write_Cd_SrlComDriver_JourEcoule_Cnt_u16 | 1 | ✓ |
| Rte_Write_Cd_SrlComDriver_AnneeEcoule_Cnt_u08 | 1 | Rte_Write_Cd_SrlComDriver_AnneeEcoule_Cnt_u08 | 1 | ✓ |
| Rte_Write_Cd_SrlComDriver_ISDAT4V2BSI552MsgRxTime_MSec_u32 | 1 | Rte_Write_Cd_SrlComDriver_ISDAT4V2BSI552MsgRxTime_MSec_u32 | 1 | ✓ |

### Test Step 2.4 (Repeat Count = 1) ✓

| Name | Input Value |
|---|---|
| GetSystemTime_mS_u32(CurrentTime) | target_GetSystemTime_mS_u32_CurrentTime |
| ISDAT4V2BSI552MsgDLCError_Cnt_M_u08 | 156 |
| k_JDD2010Selected_Cnt_lgc | 1 |
| rxStruct | target_rxStruct |
| target_GetSystemTime_mS_u32_CurrentTime | 4294967295 |
| target_pChipData[0] | 58 |
| target_pChipData[1] | 88 |
| target_pChipData[2] | 98 |
| target_pChipData[3] | 101 |
| target_pChipData[4] | 134 |
| target_pChipData[5] | 149 |
| target_pChipData[6] | 160 |
| target_pChipData[7] | 246 |
| target_pChipMsgObj | 3 |
| target_rxStruct.pChipMsgObj | target_pChipMsgObj |
| target_rxStruct.pChipData | target_pChipData |

| Name | Actual Value | Expected Value | Result |
|---|---|---|---|
| ISDAT4V2BSI552MsgDLCError_Cnt_M_u08 | 156 | 156 | ✓ |
| Rte_Write_Cd_SrlComDriver_AnneeEcoule_Cnt_u08(data) | 0 | 0 | ✓ |
| Rte_Write_Cd_SrlComDriver_CompteurTemporelVehicule_Cnt_u32(data) | 978870885 | 978870885 | ✓ |
| Rte_Write_Cd_SrlComDriver_ComputerRazGCT_Cnt_u08(data) | 246 | 246 | ✓ |
| Rte_Write_Cd_SrlComDriver_ISDAT4V2BSI552MsgDLCError_Cnt_u08(data) | 0 | 0 | ✓ |
| Rte_Write_Cd_SrlComDriver_ISDAT4V2BSI552MsgRxTime_MSec_u32(data) | 4294967295 | 4294967295 | ✓ |
| Rte_Write_Cd_SrlComDriver_JourEcoule_Cnt_u16(data) | 260 | 260 | ✓ |
| Rte_Write_Cd_SrlComDriver_Kilometrage_Cnt_u32(data) | 8820128 | 8820128 | ✓ |
| Rte_Write_Cd_SrlComDriver_SecondeEcoulee_Cnt_u32(data) | 0 | 0 | ✓ |
| SrlComDriver_PreRxISDAT4V2BSI552() | 0 | 0 | ✓ |

### Test Step Call Trace ✓

| Actual Function | Count | Expected Function | Count | Result |
|---|---|---|---|---|
| GetSystemTime_mS_u32 | 1 | GetSystemTime_mS_u32 | 1 | ✓ |
| Rte_Write_Cd_SrlComDriver_CompteurTemporelVehicule_Cnt_u32 | 1 | Rte_Write_Cd_SrlComDriver_CompteurTemporelVehicule_Cnt_u32 | 1 | ✓ |
| Rte_Write_Cd_SrlComDriver_Kilometrage_Cnt_u32 | 1 | Rte_Write_Cd_SrlComDriver_Kilometrage_Cnt_u32 | 1 | ✓ |
| Rte_Write_Cd_SrlComDriver_ComputerRazGCT_Cnt_u08 | 1 | Rte_Write_Cd_SrlComDriver_ComputerRazGCT_Cnt_u08 | 1 | ✓ |
| Rte_Write_Cd_SrlComDriver_ISDAT4V2BSI552MsgRxTime_MSec_u32 | 1 | Rte_Write_Cd_SrlComDriver_ISDAT4V2BSI552MsgRxTime_MSec_u32 | 1 | ✓ |

## Test Step 2.5 (Repeat Count = 1) ✔

| Name | Input Value |
|---|---|
| GetSystemTime_mS_u32(CurrentTime) | target_GetSystemTime_mS_u32_CurrentTime |
| ISDAT4V2BSI552MsgDLCError_Cnt_M_u08 | 220 |
| k_JDD2010Selected_Cnt_lgc | 0 |
| rxStruct | target_rxStruct |
| target_GetSystemTime_mS_u32_CurrentTime | 41373 |
| target_pChipData[0] | 30 |
| target_pChipData[1] | 46 |
| target_pChipData[2] | 119 |
| target_pChipData[3] | 219 |
| target_pChipData[4] | 224 |
| target_pChipData[5] | 229 |
| target_pChipData[6] | 231 |
| target_pChipData[7] | 248 |
| target_pChipMsgObj | 1 |
| target_rxStruct.pChipMsgObj | target_pChipMsgObj |
| target_rxStruct.pChipData | target_pChipData |

| Name | Actual Value | Expected Value | Result |
|---|---|---|---|
| ISDAT4V2BSI552MsgDLCError_Cnt_M_u08 | 220 | 220 | ✔ |
| Rte_Write_Cd_SrlComDriver_AnneeEcoule_Cnt_u08(data) | 0 | 0 | ✔ |
| Rte_Write_Cd_SrlComDriver_CompteurTemporelVehicule_Cnt_u32(data) | 978870885 | 978870885 | ✔ |
| Rte_Write_Cd_SrlComDriver_ComputerRazGCT_Cnt_u08(data) | 246 | 246 | ✔ |
| Rte_Write_Cd_SrlComDriver_ISDAT4V2BSI552MsgDLCError_Cnt_u08(data) | 0 | 0 | ✔ |
| Rte_Write_Cd_SrlComDriver_ISDAT4V2BSI552MsgRxTime_MSec_u32(data) | 41373 | 41373 | ✔ |
| Rte_Write_Cd_SrlComDriver_JourEcoule_Cnt_u16(data) | 260 | 260 | ✔ |
| Rte_Write_Cd_SrlComDriver_Kilometrage_Cnt_u32(data) | 8820128 | 8820128 | ✔ |
| Rte_Write_Cd_SrlComDriver_SecondeEcoulee_Cnt_u32(data) | 122880 | 122880 | ✔ |
| SrlComDriver_PreRxISDAT4V2BSI552() | 0 | 0 | ✔ |

### Test Step Call Trace ✔

| Actual Function | Count | Expected Function | Count | Result |
|---|---|---|---|---|
| GetSystemTime_mS_u32 | 1 | GetSystemTime_mS_u32 | 1 | ✔ |
| Rte_Write_Cd_SrlComDriver_SecondeEcoulee_Cnt_u32 | 1 | Rte_Write_Cd_SrlComDriver_SecondeEcoulee_Cnt_u32 | 1 | ✔ |
| Rte_Write_Cd_SrlComDriver_JourEcoule_Cnt_u16 | 1 | Rte_Write_Cd_SrlComDriver_JourEcoule_Cnt_u16 | 1 | ✔ |
| Rte_Write_Cd_SrlComDriver_AnneeEcoule_Cnt_u08 | 1 | Rte_Write_Cd_SrlComDriver_AnneeEcoule_Cnt_u08 | 1 | ✔ |
| Rte_Write_Cd_SrlComDriver_ISDAT4V2BSI552MsgRxTime_MSec_u32 | 1 | Rte_Write_Cd_SrlComDriver_ISDAT4V2BSI552MsgRxTime_MSec_u32 | 1 | ✔ |

## Test Step 2.6 (Repeat Count = 1) ✔

| Name | Input Value |
|---|---|
| GetSystemTime_mS_u32(CurrentTime) | target_GetSystemTime_mS_u32_CurrentTime |
| ISDAT4V2BSI552MsgDLCError_Cnt_M_u08 | 102 |
| k_JDD2010Selected_Cnt_lgc | 0 |
| rxStruct | target_rxStruct |
| target_GetSystemTime_mS_u32_CurrentTime | 4357324 |
| target_pChipData[0] | 0 |
| target_pChipData[1] | 0 |
| target_pChipData[2] | 0 |
| target_pChipData[3] | 0 |
| target_pChipData[4] | 0 |
| target_pChipData[5] | 0 |
| target_pChipData[6] | 0 |
| target_pChipData[7] | 0 |
| target_pChipMsgObj | 0 |
| target_rxStruct.pChipMsgObj | target_pChipMsgObj |
| target_rxStruct.pChipData | target_pChipData |

| Name | Actual Value | Expected Value | Result |
|---|---|---|---|
| ISDAT4V2BSI552MsgDLCError_Cnt_M_u08 | 102 | 102 | ✔ |
| Rte_Write_Cd_SrlComDriver_AnneeEcoule_Cnt_u08(data) | 0 | 0 | ✔ |
| Rte_Write_Cd_SrlComDriver_CompteurTemporelVehicule_Cnt_u32(data) | 978870885 | 978870885 | ✔ |
| Rte_Write_Cd_SrlComDriver_ComputerRazGCT_Cnt_u08(data) | 246 | 246 | ✔ |
| Rte_Write_Cd_SrlComDriver_ISDAT4V2BSI552MsgDLCError_Cnt_u08(data) | 0 | 0 | ✔ |
| Rte_Write_Cd_SrlComDriver_ISDAT4V2BSI552MsgRxTime_MSec_u32(data) | 4357324 | 4357324 | ✔ |
| Rte_Write_Cd_SrlComDriver_JourEcoule_Cnt_u16(data) | 0 | 0 | ✔ |
| Rte_Write_Cd_SrlComDriver_Kilometrage_Cnt_u32(data) | 8820128 | 8820128 | ✔ |
| Rte_Write_Cd_SrlComDriver_SecondeEcoulee_Cnt_u32(data) | 0 | 0 | ✔ |
| SrlComDriver_PreRxISDAT4V2BSI552() | 0 | 0 | ✔ |

## Test Step Call Trace ✔

| Actual Function | Count | Expected Function | Count | Result |
|---|---|---|---|---|
| GetSystemTime_mS_u32 | 1 | GetSystemTime_mS_u32 | 1 | ✔ |
| Rte_Write_Cd_SrlComDriver_SecondeEcoulee_Cnt_u32 | 1 | Rte_Write_Cd_SrlComDriver_SecondeEcoulee_Cnt_u32 | 1 | ✔ |
| Rte_Write_Cd_SrlComDriver_JourEcoule_Cnt_u16 | 1 | Rte_Write_Cd_SrlComDriver_JourEcoule_Cnt_u16 | 1 | ✔ |
| Rte_Write_Cd_SrlComDriver_AnneeEcoule_Cnt_u08 | 1 | Rte_Write_Cd_SrlComDriver_AnneeEcoule_Cnt_u08 | 1 | ✔ |
| Rte_Write_Cd_SrlComDriver_ISDAT4V2BSI552MsgRxTime_MSec_u32 | 1 | Rte_Write_Cd_SrlComDriver_ISDAT4V2BSI552MsgRxTime_MSec_u32 | 1 | ✔ |

## Test Step 2.7 (Repeat Count = 1) ✔

| Name | Input Value |
|---|---|
| GetSystemTime_mS_u32(CurrentTime) | target_GetSystemTime_mS_u32_CurrentTime |
| ISDAT4V2BSI552MsgDLCError_Cnt_M_u08 | 153 |
| k_JDD2010Selected_Cnt_lgc | 0 |
| rxStruct | target_rxStruct |
| target_GetSystemTime_mS_u32_CurrentTime | 654398 |
| target_pChipData[0] | 255 |
| target_pChipData[1] | 255 |
| target_pChipData[2] | 255 |
| target_pChipData[3] | 255 |
| target_pChipData[4] | 255 |
| target_pChipData[5] | 255 |
| target_pChipData[6] | 255 |
| target_pChipData[7] | 255 |
| target_pChipMsgObj | 2 |
| target_rxStruct.pChipMsgObj | target_pChipMsgObj |
| target_rxStruct.pChipData | target_pChipData |

| Name | Actual Value | Expected Value | Result |
|---|---|---|---|
| ISDAT4V2BSI552MsgDLCError_Cnt_M_u08 | 153 | 153 | ✔ |
| Rte_Write_Cd_SrlComDriver_AnneeEcoule_Cnt_u08(data) | 255 | 255 | ✔ |
| Rte_Write_Cd_SrlComDriver_CompteurTemporelVehicule_Cnt_u32(data) | 978870885 | 978870885 | ✔ |
| Rte_Write_Cd_SrlComDriver_ComputerRazGCT_Cnt_u08(data) | 246 | 246 | ✔ |
| Rte_Write_Cd_SrlComDriver_ISDAT4V2BSI552MsgDLCError_Cnt_u08(data) | 0 | 0 | ✔ |
| Rte_Write_Cd_SrlComDriver_ISDAT4V2BSI552MsgRxTime_MSec_u32(data) | 654398 | 654398 | ✔ |
| Rte_Write_Cd_SrlComDriver_JourEcoule_Cnt_u16(data) | 4095 | 4095 | ✔ |
| Rte_Write_Cd_SrlComDriver_Kilometrage_Cnt_u32(data) | 8820128 | 8820128 | ✔ |
| Rte_Write_Cd_SrlComDriver_SecondeEcoulee_Cnt_u32(data) | 1048575 | 1048575 | ✔ |
| SrlComDriver_PreRxISDAT4V2BSI552() | 0 | 0 | ✔ |

## Test Step Call Trace ✔

| Actual Function | Count | Expected Function | Count | Result |
|---|---|---|---|---|
| GetSystemTime_mS_u32 | 1 | GetSystemTime_mS_u32 | 1 | ✔ |
| Rte_Write_Cd_SrlComDriver_SecondeEcoulee_Cnt_u32 | 1 | Rte_Write_Cd_SrlComDriver_SecondeEcoulee_Cnt_u32 | 1 | ✔ |
| Rte_Write_Cd_SrlComDriver_JourEcoule_Cnt_u16 | 1 | Rte_Write_Cd_SrlComDriver_JourEcoule_Cnt_u16 | 1 | ✔ |
| Rte_Write_Cd_SrlComDriver_AnneeEcoule_Cnt_u08 | 1 | Rte_Write_Cd_SrlComDriver_AnneeEcoule_Cnt_u08 | 1 | ✔ |
| Rte_Write_Cd_SrlComDriver_ISDAT4V2BSI552MsgRxTime_MSec_u32 | 1 | Rte_Write_Cd_SrlComDriver_ISDAT4V2BSI552MsgRxTime_MSec_u32 | 1 | ✔ |

## Test Step 2.8 (Repeat Count = 1) ✔

| Name | Input Value |
|---|---|
| GetSystemTime_mS_u32(CurrentTime) | target_GetSystemTime_mS_u32_CurrentTime |
| ISDAT4V2BSI552MsgDLCError_Cnt_M_u08 | 120 |
| k_JDD2010Selected_Cnt_lgc | 1 |
| rxStruct | target_rxStruct |
| target_GetSystemTime_mS_u32_CurrentTime | 23934 |
| target_pChipData[0] | 1 |
| target_pChipData[1] | 61 |
| target_pChipData[2] | 65 |
| target_pChipData[3] | 72 |
| target_pChipData[4] | 108 |
| target_pChipData[5] | 140 |
| target_pChipData[6] | 159 |
| target_pChipData[7] | 172 |
| target_pChipMsgObj | 0 |
| target_rxStruct.pChipMsgObj | target_pChipMsgObj |
| target_rxStruct.pChipData | target_pChipData |

| Name | Actual Value | Expected Value | Result |
|---|---|---|---|
| ISDAT4V2BSI552MsgDLCError_Cnt_M_u08 | 120 | 120 | ✔ |

| Name | Actual Value | Expected Value | Result |
|---|---|---|---|
| Rte_Write_Cd_SrlComDriver_AnneeEcoule_Cnt_u08(data) | 255 | 255 | ✔ |
| Rte_Write_Cd_SrlComDriver_CompteurTemporelVehicule_Cnt_u32(data) | 20791624 | 20791624 | ✔ |
| Rte_Write_Cd_SrlComDriver_ComputerRazGCT_Cnt_u08(data) | 172 | 172 | ✔ |
| Rte_Write_Cd_SrlComDriver_ISDAT4V2BSI552MsgDLCError_Cnt_u08(data) | 0 | 0 | ✔ |
| Rte_Write_Cd_SrlComDriver_ISDAT4V2BSI552MsgRxTime_MSec_u32(data) | 23934 | 23934 | ✔ |
| Rte_Write_Cd_SrlComDriver_JourEcoule_Cnt_u16(data) | 4095 | 4095 | ✔ |
| Rte_Write_Cd_SrlComDriver_Kilometrage_Cnt_u32(data) | 7113887 | 7113887 | ✔ |
| Rte_Write_Cd_SrlComDriver_SecondeEcoulee_Cnt_u32(data) | 1048575 | 1048575 | ✔ |
| SrlComDriver_PreRxISDAT4V2BSI552() | 0 | 0 | ✔ |

## *Test Step Call Trace* ✔

| Actual Function | Count | Expected Function | Count | Result |
|---|---|---|---|---|
| GetSystemTime_mS_u32 | 1 | GetSystemTime_mS_u32 | 1 | ✔ |
| Rte_Write_Cd_SrlComDriver_CompteurTemporelVehicule_Cnt_u32 | 1 | Rte_Write_Cd_SrlComDriver_CompteurTemporelVehicule_Cnt_u32 | 1 | ✔ |
| Rte_Write_Cd_SrlComDriver_Kilometrage_Cnt_u32 | 1 | Rte_Write_Cd_SrlComDriver_Kilometrage_Cnt_u32 | 1 | ✔ |
| Rte_Write_Cd_SrlComDriver_ComputerRazGCT_Cnt_u08 | 1 | Rte_Write_Cd_SrlComDriver_ComputerRazGCT_Cnt_u08 | 1 | ✔ |
| Rte_Write_Cd_SrlComDriver_ISDAT4V2BSI552MsgRxTime_MSec_u32 | 1 | Rte_Write_Cd_SrlComDriver_ISDAT4V2BSI552MsgRxTime_MSec_u32 | 1 | ✔ |

## **Test Step 2.9 (Repeat Count = 1)** ✔

| Name | Input Value |
|---|---|
| GetSystemTime_mS_u32(CurrentTime) | target_GetSystemTime_mS_u32_CurrentTime |
| ISDAT4V2BSI552MsgDLCError_Cnt_M_u08 | 165 |
| k_JDD2010Selected_Cnt_lgc | 0 |
| rxStruct | target_rxStruct |
| target_GetSystemTime_mS_u32_CurrentTime | 43590 |
| target_pChipData[0] | 36 |
| target_pChipData[1] | 73 |
| target_pChipData[2] | 125 |
| target_pChipData[3] | 131 |
| target_pChipData[4] | 137 |
| target_pChipData[5] | 214 |
| target_pChipData[6] | 238 |
| target_pChipData[7] | 254 |
| target_pChipMsgObj | 2 |
| target_rxStruct.pChipMsgObj | target_pChipMsgObj |
| target_rxStruct.pChipData | target_pChipData |

| Name | Actual Value | Expected Value | Result |
|---|---|---|---|
| ISDAT4V2BSI552MsgDLCError_Cnt_M_u08 | 165 | 165 | ✔ |
| Rte_Write_Cd_SrlComDriver_AnneeEcoule_Cnt_u08(data) | 137 | 137 | ✔ |
| Rte_Write_Cd_SrlComDriver_CompteurTemporelVehicule_Cnt_u32(data) | 20791624 | 20791624 | ✔ |
| Rte_Write_Cd_SrlComDriver_ComputerRazGCT_Cnt_u08(data) | 172 | 172 | ✔ |
| Rte_Write_Cd_SrlComDriver_ISDAT4V2BSI552MsgDLCError_Cnt_u08(data) | 0 | 0 | ✔ |
| Rte_Write_Cd_SrlComDriver_ISDAT4V2BSI552MsgRxTime_MSec_u32(data) | 43590 | 43590 | ✔ |
| Rte_Write_Cd_SrlComDriver_JourEcoule_Cnt_u16(data) | 3459 | 3459 | ✔ |
| Rte_Write_Cd_SrlComDriver_Kilometrage_Cnt_u32(data) | 7113887 | 7113887 | ✔ |
| Rte_Write_Cd_SrlComDriver_SecondeEcoulee_Cnt_u32(data) | 148631 | 148631 | ✔ |
| SrlComDriver_PreRxISDAT4V2BSI552() | 0 | 0 | ✔ |

## *Test Step Call Trace* ✔

| Actual Function | Count | Expected Function | Count | Result |
|---|---|---|---|---|
| GetSystemTime_mS_u32 | 1 | GetSystemTime_mS_u32 | 1 | ✔ |
| Rte_Write_Cd_SrlComDriver_SecondeEcoulee_Cnt_u32 | 1 | Rte_Write_Cd_SrlComDriver_SecondeEcoulee_Cnt_u32 | 1 | ✔ |
| Rte_Write_Cd_SrlComDriver_JourEcoule_Cnt_u16 | 1 | Rte_Write_Cd_SrlComDriver_JourEcoule_Cnt_u16 | 1 | ✔ |
| Rte_Write_Cd_SrlComDriver_AnneeEcoule_Cnt_u08 | 1 | Rte_Write_Cd_SrlComDriver_AnneeEcoule_Cnt_u08 | 1 | ✔ |
| Rte_Write_Cd_SrlComDriver_ISDAT4V2BSI552MsgRxTime_MSec_u32 | 1 | Rte_Write_Cd_SrlComDriver_ISDAT4V2BSI552MsgRxTime_MSec_u32 | 1 | ✔ |

## **Test Step 2.10 (Repeat Count = 1)** ✔

| Name | Input Value |
|---|---|
| GetSystemTime_mS_u32(CurrentTime) | target_GetSystemTime_mS_u32_CurrentTime |
| ISDAT4V2BSI552MsgDLCError_Cnt_M_u08 | 46 |
| k_JDD2010Selected_Cnt_lgc | 1 |
| rxStruct | target_rxStruct |
| target_GetSystemTime_mS_u32_CurrentTime | 8765 |
| target_pChipData[0] | 8 |
| target_pChipData[1] | 47 |
| target_pChipData[2] | 111 |

| Name | Input Value | | |
|---|---|---|---|
| target_pChipData[3] | 115 | | |
| target_pChipData[4] | 122 | | |
| target_pChipData[5] | 145 | | |
| target_pChipData[6] | 178 | | |
| target_pChipData[7] | 213 | | |
| target_pChipMsgObj | 3 | | |
| target_rxStruct.pChipMsgObj | target_pChipMsgObj | | |
| target_rxStruct.pChipData | target_pChipData | | |
| **Name** | **Actual Value** | **Expected Value** | **Result** |
| ISDAT4V2BSI552MsgDLCError_Cnt_M_u08 | 47 | 47 | ✔ |
| Rte_Write_Cd_SrlComDriver_AnneeEcoule_Cnt_u08(data) | 137 | 137 | ✔ |
| Rte_Write_Cd_SrlComDriver_CompteurTemporelVehicule_Cnt_u32(data) | 20791624 | 20791624 | ✔ |
| Rte_Write_Cd_SrlComDriver_ComputerRazGCT_Cnt_u08(data) | 172 | 172 | ✔ |
| Rte_Write_Cd_SrlComDriver_ISDAT4V2BSI552MsgDLCError_Cnt_u08(data) | 47 | 47 | ✔ |
| Rte_Write_Cd_SrlComDriver_ISDAT4V2BSI552MsgRxTime_MSec_u32(data) | 8765 | 8765 | ✔ |
| Rte_Write_Cd_SrlComDriver_JourEcoule_Cnt_u16(data) | 3459 | 3459 | ✔ |
| Rte_Write_Cd_SrlComDriver_Kilometrage_Cnt_u32(data) | 7113887 | 7113887 | ✔ |
| Rte_Write_Cd_SrlComDriver_SecondeEcoulee_Cnt_u32(data) | 148631 | 148631 | ✔ |
| SrlComDriver_PreRxISDAT4V2BSI552() | 0 | 0 | ✔ |

### *Test Step Call Trace* ✔

| Actual Function | Count | Expected Function | Count | Result |
|---|---|---|---|---|
| GetSystemTime_mS_u32 | 1 | GetSystemTime_mS_u32 | 1 | ✔ |
| Rte_Write_Cd_SrlComDriver_ISDAT4V2BSI552MsgDLCError_Cnt_u08 | 1 | Rte_Write_Cd_SrlComDriver_ISDAT4V2BSI552MsgDLCError_Cnt_u08 | 1 | ✔ |
| Rte_Write_Cd_SrlComDriver_ISDAT4V2BSI552MsgRxTime_MSec_u32 | 1 | Rte_Write_Cd_SrlComDriver_ISDAT4V2BSI552MsgRxTime_MSec_u32 | 1 | ✔ |

### Test Step 2.11 (Repeat Count = 1) ✔

| Name | Input Value | | |
|---|---|---|---|
| GetSystemTime_mS_u32(CurrentTime) | target_GetSystemTime_mS_u32_CurrentTime | | |
| ISDAT4V2BSI552MsgDLCError_Cnt_M_u08 | 0 | | |
| k_JDD2010Selected_Cnt_lgc | 0 | | |
| rxStruct | target_rxStruct | | |
| target_GetSystemTime_mS_u32_CurrentTime | 234872 | | |
| target_pChipData[0] | 71 | | |
| target_pChipData[1] | 114 | | |
| target_pChipData[2] | 139 | | |
| target_pChipData[3] | 169 | | |
| target_pChipData[4] | 179 | | |
| target_pChipData[5] | 215 | | |
| target_pChipData[6] | 230 | | |
| target_pChipData[7] | 241 | | |
| target_pChipMsgObj | 1 | | |
| target_rxStruct.pChipMsgObj | target_pChipMsgObj | | |
| target_rxStruct.pChipData | target_pChipData | | |
| **Name** | **Actual Value** | **Expected Value** | **Result** |
| ISDAT4V2BSI552MsgDLCError_Cnt_M_u08 | 0 | 0 | ✔ |
| Rte_Write_Cd_SrlComDriver_AnneeEcoule_Cnt_u08(data) | 179 | 179 | ✔ |
| Rte_Write_Cd_SrlComDriver_CompteurTemporelVehicule_Cnt_u32(data) | 20791624 | 20791624 | ✔ |
| Rte_Write_Cd_SrlComDriver_ComputerRazGCT_Cnt_u08(data) | 172 | 172 | ✔ |
| Rte_Write_Cd_SrlComDriver_ISDAT4V2BSI552MsgDLCError_Cnt_u08(data) | 47 | 47 | ✔ |
| Rte_Write_Cd_SrlComDriver_ISDAT4V2BSI552MsgRxTime_MSec_u32(data) | 234872 | 234872 | ✔ |
| Rte_Write_Cd_SrlComDriver_JourEcoule_Cnt_u16(data) | 2985 | 2985 | ✔ |
| Rte_Write_Cd_SrlComDriver_Kilometrage_Cnt_u32(data) | 7113887 | 7113887 | ✔ |
| Rte_Write_Cd_SrlComDriver_SecondeEcoulee_Cnt_u32(data) | 292648 | 292648 | ✔ |
| SrlComDriver_PreRxISDAT4V2BSI552() | 0 | 0 | ✔ |

### *Test Step Call Trace* ✔

| Actual Function | Count | Expected Function | Count | Result |
|---|---|---|---|---|
| GetSystemTime_mS_u32 | 1 | GetSystemTime_mS_u32 | 1 | ✔ |
| Rte_Write_Cd_SrlComDriver_SecondeEcoulee_Cnt_u32 | 1 | Rte_Write_Cd_SrlComDriver_SecondeEcoulee_Cnt_u32 | 1 | ✔ |
| Rte_Write_Cd_SrlComDriver_JourEcoule_Cnt_u16 | 1 | Rte_Write_Cd_SrlComDriver_JourEcoule_Cnt_u16 | 1 | ✔ |
| Rte_Write_Cd_SrlComDriver_AnneeEcoule_Cnt_u08 | 1 | Rte_Write_Cd_SrlComDriver_AnneeEcoule_Cnt_u08 | 1 | ✔ |
| Rte_Write_Cd_SrlComDriver_ISDAT4V2BSI552MsgRxTime_MSec_u32 | 1 | Rte_Write_Cd_SrlComDriver_ISDAT4V2BSI552MsgRxTime_MSec_u32 | 1 | ✔ |

## Test Step 2.12 (Repeat Count = 1) ✔

| Name | Input Value |
|---|---|
| GetSystemTime_mS_u32(CurrentTime) | target_GetSystemTime_mS_u32_CurrentTime |
| ISDAT4V2BSI552MsgDLCError_Cnt_M_u08 | 255 |
| k_JDD2010Selected_Cnt_lgc | 1 |
| rxStruct | target_rxStruct |
| target_GetSystemTime_mS_u32_CurrentTime | 45749 |
| target_pChipData[0] | 5 |
| target_pChipData[1] | 43 |
| target_pChipData[2] | 44 |
| target_pChipData[3] | 49 |
| target_pChipData[4] | 127 |
| target_pChipData[5] | 200 |
| target_pChipData[6] | 242 |
| target_pChipData[7] | 244 |
| target_pChipMsgObj | 1 |
| target_rxStruct.pChipMsgObj | target_pChipMsgObj |
| target_rxStruct.pChipData | target_pChipData |

| Name | Actual Value | Expected Value | Result |
|---|---|---|---|
| ISDAT4V2BSI552MsgDLCError_Cnt_M_u08 | 0 | 0 | ✔ |
| Rte_Write_Cd_SrlComDriver_AnneeEcoule_Cnt_u08(data) | 179 | 179 | ✔ |
| Rte_Write_Cd_SrlComDriver_CompteurTemporelVehicule_Cnt_u32(data) | 20791624 | 20791624 | ✔ |
| Rte_Write_Cd_SrlComDriver_ComputerRazGCT_Cnt_u08(data) | 172 | 172 | ✔ |
| Rte_Write_Cd_SrlComDriver_ISDAT4V2BSI552MsgDLCError_Cnt_u08(data) | 0 | 0 | ✔ |
| Rte_Write_Cd_SrlComDriver_ISDAT4V2BSI552MsgRxTime_MSec_u32(data) | 45749 | 45749 | ✔ |
| Rte_Write_Cd_SrlComDriver_JourEcoule_Cnt_u16(data) | 2985 | 2985 | ✔ |
| Rte_Write_Cd_SrlComDriver_Kilometrage_Cnt_u32(data) | 7113887 | 7113887 | ✔ |
| Rte_Write_Cd_SrlComDriver_SecondeEcoulee_Cnt_u32(data) | 292648 | 292648 | ✔ |
| SrlComDriver_PreRxISDAT4V2BSI552() | 0 | 0 | ✔ |

### Test Step Call Trace ✔

| Actual Function | Count | Expected Function | Count | Result |
|---|---|---|---|---|
| GetSystemTime_mS_u32 | 1 | GetSystemTime_mS_u32 | 1 | ✔ |
| Rte_Write_Cd_SrlComDriver_ISDAT4V2BSI552MsgDLCError_Cnt_u08 | 1 | Rte_Write_Cd_SrlComDriver_ISDAT4V2BSI552MsgDLCError_Cnt_u08 | 1 | ✔ |
| Rte_Write_Cd_SrlComDriver_ISDAT4V2BSI552MsgRxTime_MSec_u32 | 1 | Rte_Write_Cd_SrlComDriver_ISDAT4V2BSI552MsgRxTime_MSec_u32 | 1 | ✔ |

## Test Step 2.13 (Repeat Count = 1) ✔

| Name | Input Value |
|---|---|
| GetSystemTime_mS_u32(CurrentTime) | target_GetSystemTime_mS_u32_CurrentTime |
| ISDAT4V2BSI552MsgDLCError_Cnt_M_u08 | 141 |
| k_JDD2010Selected_Cnt_lgc | 1 |
| rxStruct | target_rxStruct |
| target_GetSystemTime_mS_u32_CurrentTime | 2361 |
| target_pChipData[0] | 15 |
| target_pChipData[1] | 24 |
| target_pChipData[2] | 27 |
| target_pChipData[3] | 35 |
| target_pChipData[4] | 54 |
| target_pChipData[5] | 126 |
| target_pChipData[6] | 151 |
| target_pChipData[7] | 184 |
| target_pChipMsgObj | 2 |
| target_rxStruct.pChipMsgObj | target_pChipMsgObj |
| target_rxStruct.pChipData | target_pChipData |

| Name | Actual Value | Expected Value | Result |
|---|---|---|---|
| ISDAT4V2BSI552MsgDLCError_Cnt_M_u08 | 141 | 141 | ✔ |
| Rte_Write_Cd_SrlComDriver_AnneeEcoule_Cnt_u08(data) | 179 | 179 | ✔ |
| Rte_Write_Cd_SrlComDriver_CompteurTemporelVehicule_Cnt_u32(data) | 253238051 | 253238051 | ✔ |
| Rte_Write_Cd_SrlComDriver_ComputerRazGCT_Cnt_u08(data) | 184 | 184 | ✔ |
| Rte_Write_Cd_SrlComDriver_ISDAT4V2BSI552MsgDLCError_Cnt_u08(data) | 0 | 0 | ✔ |
| Rte_Write_Cd_SrlComDriver_ISDAT4V2BSI552MsgRxTime_MSec_u32(data) | 2361 | 2361 | ✔ |
| Rte_Write_Cd_SrlComDriver_JourEcoule_Cnt_u16(data) | 2985 | 2985 | ✔ |
| Rte_Write_Cd_SrlComDriver_Kilometrage_Cnt_u32(data) | 3571351 | 3571351 | ✔ |
| Rte_Write_Cd_SrlComDriver_SecondeEcoulee_Cnt_u32(data) | 292648 | 292648 | ✔ |
| SrlComDriver_PreRxISDAT4V2BSI552() | 0 | 0 | ✔ |

### Test Step Call Trace ✔

| Actual Function | Count | Expected Function | Count | Result |
|---|---|---|---|---|
| GetSystemTime_mS_u32 | 1 | GetSystemTime_mS_u32 | 1 | ✔ |
| Rte_Write_Cd_SrlComDriver_CompteurTemporelVehicule_Cnt_u32 | 1 | Rte_Write_Cd_SrlComDriver_CompteurTemporelVehicule_Cnt_u32 | 1 | ✔ |
| Rte_Write_Cd_SrlComDriver_Kilometrage_Cnt_u32 | 1 | Rte_Write_Cd_SrlComDriver_Kilometrage_Cnt_u32 | 1 | ✔ |
| Rte_Write_Cd_SrlComDriver_ComputerRazGCT_Cnt_u08 | 1 | Rte_Write_Cd_SrlComDriver_ComputerRazGCT_Cnt_u08 | 1 | ✔ |
| Rte_Write_Cd_SrlComDriver_ISDAT4V2BSI552MsgRxTime_MSec_u32 | 1 | Rte_Write_Cd_SrlComDriver_ISDAT4V2BSI552MsgRxTime_MSec_u32 | 1 | ✔ |

### Test Step 2.14 (Repeat Count = 1) ✔

| Name | Input Value |
|---|---|
| GetSystemTime_mS_u32(CurrentTime) | target_GetSystemTime_mS_u32_CurrentTime |
| ISDAT4V2BSI552MsgDLCError_Cnt_M_u08 | 0 |
| k_JDD2010Selected_Cnt_lgc | 1 |
| rxStruct | target_rxStruct |
| target_GetSystemTime_mS_u32_CurrentTime | 0 |
| target_pChipData[0] | 71 |
| target_pChipData[1] | 114 |
| target_pChipData[2] | 139 |
| target_pChipData[3] | 169 |
| target_pChipData[4] | 179 |
| target_pChipData[5] | 215 |
| target_pChipData[6] | 230 |
| target_pChipData[7] | 241 |
| target_pChipMsgObj | 2 |
| target_rxStruct.pChipMsgObj | target_pChipMsgObj |
| target_rxStruct.pChipData | target_pChipData |

| Name | Actual Value | Expected Value | Result |
|---|---|---|---|
| ISDAT4V2BSI552MsgDLCError_Cnt_M_u08 | 1 | 1 | ✔ |
| Rte_Write_Cd_SrlComDriver_AnneeEcoule_Cnt_u08(data) | 179 | 179 | ✔ |
| Rte_Write_Cd_SrlComDriver_CompteurTemporelVehicule_Cnt_u32(data) | 253238051 | 253238051 | ✔ |
| Rte_Write_Cd_SrlComDriver_ComputerRazGCT_Cnt_u08(data) | 184 | 184 | ✔ |
| Rte_Write_Cd_SrlComDriver_ISDAT4V2BSI552MsgDLCError_Cnt_u08(data) | 1 | 1 | ✔ |
| Rte_Write_Cd_SrlComDriver_ISDAT4V2BSI552MsgRxTime_MSec_u32(data) | 0 | 0 | ✔ |
| Rte_Write_Cd_SrlComDriver_JourEcoule_Cnt_u16(data) | 2985 | 2985 | ✔ |
| Rte_Write_Cd_SrlComDriver_Kilometrage_Cnt_u32(data) | 3571351 | 3571351 | ✔ |
| Rte_Write_Cd_SrlComDriver_SecondeEcoulee_Cnt_u32(data) | 292648 | 292648 | ✔ |
| SrlComDriver_PreRxISDAT4V2BSI552() | 0 | 0 | ✔ |

### Test Step Call Trace ✔

| Actual Function | Count | Expected Function | Count | Result |
|---|---|---|---|---|
| GetSystemTime_mS_u32 | 1 | GetSystemTime_mS_u32 | 1 | ✔ |
| Rte_Write_Cd_SrlComDriver_ISDAT4V2BSI552MsgDLCError_Cnt_u08 | 1 | Rte_Write_Cd_SrlComDriver_ISDAT4V2BSI552MsgDLCError_Cnt_u08 | 1 | ✔ |
| Rte_Write_Cd_SrlComDriver_ISDAT4V2BSI552MsgRxTime_MSec_u32 | 1 | Rte_Write_Cd_SrlComDriver_ISDAT4V2BSI552MsgRxTime_MSec_u32 | 1 | ✔ |

### Test Step 2.15 (Repeat Count = 1) ✔

| Name | Input Value |
|---|---|
| GetSystemTime_mS_u32(CurrentTime) | target_GetSystemTime_mS_u32_CurrentTime |
| ISDAT4V2BSI552MsgDLCError_Cnt_M_u08 | 255 |
| k_JDD2010Selected_Cnt_lgc | 1 |
| rxStruct | target_rxStruct |
| target_GetSystemTime_mS_u32_CurrentTime | 4294967295 |
| target_pChipData[0] | 5 |
| target_pChipData[1] | 43 |
| target_pChipData[2] | 44 |
| target_pChipData[3] | 49 |
| target_pChipData[4] | 127 |
| target_pChipData[5] | 200 |
| target_pChipData[6] | 242 |
| target_pChipData[7] | 244 |
| target_pChipMsgObj | 2 |
| target_rxStruct.pChipMsgObj | target_pChipMsgObj |
| target_rxStruct.pChipData | target_pChipData |

| Name | Actual Value | Expected Value | Result |
|---|---|---|---|
| ISDAT4V2BSI552MsgDLCError_Cnt_M_u08 | 255 | 255 | ✔ |
| Rte_Write_Cd_SrlComDriver_AnneeEcoule_Cnt_u08(data) | 179 | 179 | ✔ |
| Rte_Write_Cd_SrlComDriver_CompteurTemporelVehicule_Cnt_u32(data) | 86715441 | 86715441 | ✔ |

| Name | Actual Value | Expected Value | Result |
|---|---|---|---|
| Rte_Write_Cd_SrlComDriver_ComputerRazGCT_Cnt_u08(data) | 244 | 244 | ✔ |
| Rte_Write_Cd_SrlComDriver_ISDAT4V2BSI552MsgDLCError_Cnt_u08(data) | 1 | 1 | ✔ |
| Rte_Write_Cd_SrlComDriver_ISDAT4V2BSI552MsgRxTime_MSec_u32(data) | 4294967295 | 4294967295 | ✔ |
| Rte_Write_Cd_SrlComDriver_JourEcoule_Cnt_u16(data) | 2985 | 2985 | ✔ |
| Rte_Write_Cd_SrlComDriver_Kilometrage_Cnt_u32(data) | 8374514 | 8374514 | ✔ |
| Rte_Write_Cd_SrlComDriver_SecondeEcoulee_Cnt_u32(data) | 292648 | 292648 | ✔ |
| SrlComDriver_PreRxISDAT4V2BSI552() | 0 | 0 | ✔ |

## Test Step Call Trace ✔

| Actual Function | Count | Expected Function | Count | Result |
|---|---|---|---|---|
| GetSystemTime_mS_u32 | 1 | GetSystemTime_mS_u32 | 1 | ✔ |
| Rte_Write_Cd_SrlComDriver_CompteurTemporelVehicule_Cnt_u32 | 1 | Rte_Write_Cd_SrlComDriver_CompteurTemporelVehicule_Cnt_u32 | 1 | ✔ |
| Rte_Write_Cd_SrlComDriver_Kilometrage_Cnt_u32 | 1 | Rte_Write_Cd_SrlComDriver_Kilometrage_Cnt_u32 | 1 | ✔ |
| Rte_Write_Cd_SrlComDriver_ComputerRazGCT_Cnt_u08 | 1 | Rte_Write_Cd_SrlComDriver_ComputerRazGCT_Cnt_u08 | 1 | ✔ |
| Rte_Write_Cd_SrlComDriver_ISDAT4V2BSI552MsgRxTime_MSec_u32 | 1 | Rte_Write_Cd_SrlComDriver_ISDAT4V2BSI552MsgRxTime_MSec_u32 | 1 | ✔ |

## Test Step 2.16 (Repeat Count = 1) ✔

| Name | Input Value |
|---|---|
| GetSystemTime_mS_u32(CurrentTime) | target_GetSystemTime_mS_u32_CurrentTime |
| ISDAT4V2BSI552MsgDLCError_Cnt_M_u08 | 141 |
| k_JDD2010Selected_Cnt_lgc | 1 |
| rxStruct | target_rxStruct |
| target_GetSystemTime_mS_u32_CurrentTime | 847534 |
| target_pChipData[0] | 15 |
| target_pChipData[1] | 24 |
| target_pChipData[2] | 27 |
| target_pChipData[3] | 35 |
| target_pChipData[4] | 54 |
| target_pChipData[5] | 126 |
| target_pChipData[6] | 151 |
| target_pChipData[7] | 184 |
| target_pChipMsgObj | 1 |
| target_rxStruct.pChipMsgObj | target_pChipMsgObj |
| target_rxStruct.pChipData | target_pChipData |

| Name | Actual Value | Expected Value | Result |
|---|---|---|---|
| ISDAT4V2BSI552MsgDLCError_Cnt_M_u08 | 141 | 141 | ✔ |
| Rte_Write_Cd_SrlComDriver_AnneeEcoule_Cnt_u08(data) | 179 | 179 | ✔ |
| Rte_Write_Cd_SrlComDriver_CompteurTemporelVehicule_Cnt_u32(data) | 253238051 | 253238051 | ✔ |
| Rte_Write_Cd_SrlComDriver_ComputerRazGCT_Cnt_u08(data) | 184 | 184 | ✔ |
| Rte_Write_Cd_SrlComDriver_ISDAT4V2BSI552MsgDLCError_Cnt_u08(data) | 1 | 1 | ✔ |
| Rte_Write_Cd_SrlComDriver_ISDAT4V2BSI552MsgRxTime_MSec_u32(data) | 847534 | 847534 | ✔ |
| Rte_Write_Cd_SrlComDriver_JourEcoule_Cnt_u16(data) | 2985 | 2985 | ✔ |
| Rte_Write_Cd_SrlComDriver_Kilometrage_Cnt_u32(data) | 3571351 | 3571351 | ✔ |
| Rte_Write_Cd_SrlComDriver_SecondeEcoulee_Cnt_u32(data) | 292648 | 292648 | ✔ |
| SrlComDriver_PreRxISDAT4V2BSI552() | 0 | 0 | ✔ |

## Test Step Call Trace ✔

| Actual Function | Count | Expected Function | Count | Result |
|---|---|---|---|---|
| GetSystemTime_mS_u32 | 1 | GetSystemTime_mS_u32 | 1 | ✔ |
| Rte_Write_Cd_SrlComDriver_CompteurTemporelVehicule_Cnt_u32 | 1 | Rte_Write_Cd_SrlComDriver_CompteurTemporelVehicule_Cnt_u32 | 1 | ✔ |
| Rte_Write_Cd_SrlComDriver_Kilometrage_Cnt_u32 | 1 | Rte_Write_Cd_SrlComDriver_Kilometrage_Cnt_u32 | 1 | ✔ |
| Rte_Write_Cd_SrlComDriver_ComputerRazGCT_Cnt_u08 | 1 | Rte_Write_Cd_SrlComDriver_ComputerRazGCT_Cnt_u08 | 1 | ✔ |
| Rte_Write_Cd_SrlComDriver_ISDAT4V2BSI552MsgRxTime_MSec_u32 | 1 | Rte_Write_Cd_SrlComDriver_ISDAT4V2BSI552MsgRxTime_MSec_u32 | 1 | ✔ |

| | |
|---|---|
| **Project** | SrlComDriver |
| **Module** | SrlComDriver |
| **Test Object** | SrlComDriver_PreRxISDYNAAS |

## Instrumentation: Test Object Only

| | |
|---|---|
| **Statement (C0) Coverage** | 100 % |
| **Decision Coverage** | 100 % |
| **Branch (C1) Coverage** | 100 % |
| **MC/DC Coverage** | 100 % |

## Statistics

| | |
|---|---|
| **Total Testcases** | 2 |
| **Successful** | 2 ✔ |
| **Failed** | 0 |
| **Not Executed** | 0 |

## Module Properties

| | |
|---|---|
| **Project Root Directory** | D:\Synergy_Work_Area_3.0\Task_EA3_20106_PSA_CMP_05.03.00_SrlComDriver |
| **Configuration File** | $(PROJECTROOT)\tessy\config\configuration.xml |
| **Target Environment** | GNU GCC GNU GVD (Default) |
| **Kind of Test** | Unit Test |
| **Linker Options** | |
| **Source File(s)** | |
| **File** | $(PROJECTROOT)\SrlComDriver\src\Cd_SrlComDriver.c |
| **Compiler Options** | -DSKIP_MAGIC_NUMBER= -D_DATA_ACCESS= -D__inline= -D_extern= -Dconst= -Dstatic= -I$(PROJECTROOT)\Contract_modified -I$(PROJECTROOT)\NxtrLib\include -I$(PROJECTROOT)\StdDef\include -I$(ProgramFiles)\Texas Instruments\ccsv4\tools\compiler\tms470_4.9.5\include |

| Attributes | |
|---|---|
| **Name** | **Value** |
| Compiler Install Path | $(ProgramFiles)\Texas Instruments\ccsv4\tools\compiler\tms470_4.9.5\include |
| Float Precision | 9 |

| Comments/Description/Specification | |
|---|---|
| **Name** | **Text** |
| Module 'SrlComDriver' | \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*Unit Test Information\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* <br> Name of Tester:Divya Jape <br> Code File(s) Under Test:Cd_SrlComDriver.c <br> Code File(s) Version:15 <br> Module Design Document:SrlComDriver_MDD.doc <br> Module Design Document Version:7 <br> Data Dictionary Version:11 <br> Unit Test Plan Version:5 <br> Optimization Level:Ogeneral <br> Compiler (CodeGen) Version:TMS470_4.9.5 <br> Model Type:None <br> Model Version:Nexteer EPS Unit Test Tool 1.0 <br> Total FLASH Used (Bytes):4846 <br> Total RAM Used (Bytes):75 <br> Total CALS Used (Bytes):3 <br> Special Test Requirements:NA <br> Test Date:5/24/2018 <br> Comments: Note 1: "CBD_Sandbox_dbg.map" MAP file embedded for reference. <br> Note 2: Inline functions in GlobalMacro.h are not unit tested. <br> Note 3: For Functions 'SrlComDriver_PreRxISDYNAAS', 'SrlComDriver_PreRxISDYNABR', 'SrlComDriver_PreRxISDYNVOL', 'SrlComDriver_PreRxISDAT4V2BSI552' and <br> 'SrlComDriver_PreRxPROTOHS1DYNUCF5CD' only SIL report is generated because of the interface issue. <br> \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* |

## Test Case 1: Metric Test ✔

| | |
|---|---|
| **Specification** | Performance Metrics<br>(With "None" Instrumentation and WithPS Environment)<br>CPU Cycles:<br><br>TS1.1 37.00 Cycles<br>TS1.2 1698.00 Cycles |
| **Description** | Vector Description<br><br>TS1.1 Shortest Execution Path:<br>for( i = 0u; i < DLC_Cnt_T_u08; i++ )<br><br>TS1.2 Longest Execution Path:<br>for( i = 0u; i < DLC_Cnt_T_u08; i++ )<br>for( i = 0u; i < DLC_Cnt_T_u08; i++ ) |

### Test Step 1.1 (Repeat Count = 1) ✔

| Name | Input Value |
|---|---|
| CityParkSelected_Cnt_M_lgc | 0 |
| GetSystemTime_mS_u32(CurrentTime) | target_GetSystemTime_mS_u32_CurrentTime |
| rxStruct | target_rxStruct |
| target_GetSystemTime_mS_u32_CurrentTime | 4294967295 |
| target_pChipData[0] | 181 |
| target_pChipData[1] | 77 |
| target_pChipData[2] | 186 |
| target_pChipData[3] | 58 |
| target_pChipData[4] | 97 |
| target_pChipData[5] | 217 |
| target_pChipData[6] | 147 |
| target_pChipData[7] | 174 |
| target_pChipMsgObj | 1 |
| target_rxStruct.pChipMsgObj | target_pChipMsgObj |
| target_rxStruct.pChipData | target_pChipData |

| Name | Actual Value | Expected Value | Result |
|---|---|---|---|
| ISDYNAASMsg_Cnt_u08[0] | 0 | 0 | ✔ |
| ISDYNAASMsg_Cnt_u08[1] | 0 | 0 | ✔ |
| ISDYNAASMsg_Cnt_u08[2] | 0 | 0 | ✔ |
| ISDYNAASMsg_Cnt_u08[3] | 0 | 0 | ✔ |
| ISDYNAASMsg_Cnt_u08[4] | 0 | 0 | ✔ |
| ISDYNAASMsg_Cnt_u08[5] | 0 | 0 | ✔ |
| ISDYNAASMsg_Cnt_u08[6] | 0 | 0 | ✔ |
| ISDYNAASMsg_Cnt_u08[7] | 0 | 0 | ✔ |
| Rte_Write_Cd_SrlComDriver_ISDYNAASMsgRxTime_MSec_u32(data) | 0 | 0 | ✔ |
| SrlComDriver_PreRxISDYNAAS() | 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 |
|---|---|
| CityParkSelected_Cnt_M_lgc | 1 |
| GetSystemTime_mS_u32(CurrentTime) | target_GetSystemTime_mS_u32_CurrentTime |
| rxStruct | target_rxStruct |
| target_GetSystemTime_mS_u32_CurrentTime | 536853 |
| target_pChipData[0] | 214 |
| target_pChipData[1] | 42 |
| target_pChipData[2] | 29 |
| target_pChipData[3] | 255 |
| target_pChipData[4] | 208 |
| target_pChipData[5] | 153 |
| target_pChipData[6] | 158 |
| target_pChipData[7] | 183 |
| target_pChipMsgObj | 2 |
| target_rxStruct.pChipMsgObj | target_pChipMsgObj |
| target_rxStruct.pChipData | target_pChipData |

| Name | Actual Value | Expected Value | Result |
|---|---|---|---|
| ISDYNAASMsg_Cnt_u08[0] | 214 | 214 | ✔ |
| ISDYNAASMsg_Cnt_u08[1] | 0 | 0 | ✔ |
| ISDYNAASMsg_Cnt_u08[2] | 0 | 0 | ✔ |

| Name | Actual Value | Expected Value | Result |
|------|-------------|----------------|--------|
| ISDYNAASMsg_Cnt_u08[3] | 0 | 0 | ✔ |
| ISDYNAASMsg_Cnt_u08[4] | 0 | 0 | ✔ |
| ISDYNAASMsg_Cnt_u08[5] | 0 | 0 | ✔ |
| ISDYNAASMsg_Cnt_u08[6] | 0 | 0 | ✔ |
| ISDYNAASMsg_Cnt_u08[7] | 0 | 0 | ✔ |
| Rte_Write_Cd_SrlComDriver_ISDYNAASMsgRxTime_MSec_u32(data) | 536853 | 536853 | ✔ |
| SrlComDriver_PreRxISDYNAAS() | 0 | 0 | ✔ |

## Test Step Call Trace    ✔

| Actual Function | Count | Expected Function | Count | Result |
|-----------------|-------|-------------------|-------|--------|
| GetSystemTime_mS_u32 | 1 | GetSystemTime_mS_u32 | 1 | ✔ |
| Rte_Write_Cd_SrlComDriver_ISDYNAASMsg_Cnt_u08 | 1 | Rte_Write_Cd_SrlComDriver_ISDYNAASMsg_Cnt_u08 | 1 | ✔ |
| Rte_Write_Cd_SrlComDriver_ISDYNAASMsgRxTime_MSec_u32 | 1 | Rte_Write_Cd_SrlComDriver_ISDYNAASMsgRxTime_MSec_u32 | 1 | ✔ |

## Test Case 2: Range Test    ✔

**Specification**

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

TS2.1 1681.00 Cycles
TS2.2 37.00 Cycles
TS2.3 37.00 Cycles
TS2.4 1696.00 Cycles
TS2.5 28.00 Cycles
TS2.6 1696.00 Cycles
TS2.7 28.00 Cycles
TS2.8 1696.00 Cycles
TS2.9 28.00 Cycles
TS2.10 28.00 Cycles
TS2.11 28.00 Cycles
TS2.12 28.00 Cycles
TS2.13 1696.00 Cycles
```

**Description**    Vector Description

```
TS2.1  All Min
TS2.2  All Max
TS2.3  GetSystemTime_mS_u32==>Min
TS2.4  GetSystemTime_mS_u32==>Max
TS2.5  GetSystemTime_mS_u32==>Pos
TS2.6  pChipData[8]==>Min
TS2.7  pChipData[8]==>Max
TS2.8  pChipData[8]==>Pos
TS2.9  pChipMsgObj==>Min
TS2.10 pChipMsgObj==>Max
TS2.11 pChipMsgObj==>Pos
TS2.12 CityParkSelected_Cnt_M_lgc==>Min
TS2.13 CityParkSelected_Cnt_M_lgc==>Max
```

## Test Step 2.1 (Repeat Count = 1)    ✔

| Name | Input Value |
|------|-------------|
| CityParkSelected_Cnt_M_lgc | 0 |
| GetSystemTime_mS_u32(CurrentTime) | target_GetSystemTime_mS_u32_CurrentTime |
| rxStruct | target_rxStruct |
| target_GetSystemTime_mS_u32_CurrentTime | 0 |
| target_pChipData[0] | 0 |
| target_pChipData[1] | 0 |
| target_pChipData[2] | 0 |
| target_pChipData[3] | 0 |
| target_pChipData[4] | 0 |
| target_pChipData[5] | 0 |
| target_pChipData[6] | 0 |
| target_pChipData[7] | 0 |
| target_pChipMsgObj | 0 |
| target_rxStruct.pChipMsgObj | target_pChipMsgObj |
| target_rxStruct.pChipData | target_pChipData |

| Name | Actual Value | Expected Value | Result |
|------|-------------|----------------|--------|
| ISDYNAASMsg_Cnt_u08[0] | 0 | 0 | ✔ |
| ISDYNAASMsg_Cnt_u08[1] | 0 | 0 | ✔ |
| ISDYNAASMsg_Cnt_u08[2] | 0 | 0 | ✔ |
| ISDYNAASMsg_Cnt_u08[3] | 0 | 0 | ✔ |
| ISDYNAASMsg_Cnt_u08[4] | 0 | 0 | ✔ |
| ISDYNAASMsg_Cnt_u08[5] | 0 | 0 | ✔ |
| ISDYNAASMsg_Cnt_u08[6] | 0 | 0 | ✔ |
| ISDYNAASMsg_Cnt_u08[7] | 0 | 0 | ✔ |
| Rte_Write_Cd_SrlComDriver_ISDYNAASMsgRxTime_MSec_u32(data) | 0 | 0 | ✔ |
| SrlComDriver_PreRxISDYNAAS() | 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 |
|---|---|
| CityParkSelected_Cnt_M_lgc | 1 |
| GetSystemTime_mS_u32(CurrentTime) | target_GetSystemTime_mS_u32_CurrentTime |
| rxStruct | target_rxStruct |
| target_GetSystemTime_mS_u32_CurrentTime | 4294967295 |
| target_pChipData[0] | 255 |
| target_pChipData[1] | 255 |
| target_pChipData[2] | 255 |
| target_pChipData[3] | 255 |
| target_pChipData[4] | 255 |
| target_pChipData[5] | 255 |
| target_pChipData[6] | 255 |
| target_pChipData[7] | 255 |
| target_pChipMsgObj | 3 |
| target_rxStruct.pChipMsgObj | target_pChipMsgObj |
| target_rxStruct.pChipData | target_pChipData |

| Name | Actual Value | Expected Value | Result |
|---|---|---|---|
| ISDYNAASMsg_Cnt_u08[0] | 255 | 255 | ✔ |
| ISDYNAASMsg_Cnt_u08[1] | 255 | 255 | ✔ |
| ISDYNAASMsg_Cnt_u08[2] | 255 | 255 | ✔ |
| ISDYNAASMsg_Cnt_u08[3] | 255 | 255 | ✔ |
| ISDYNAASMsg_Cnt_u08[4] | 255 | 255 | ✔ |
| ISDYNAASMsg_Cnt_u08[5] | 255 | 255 | ✔ |
| ISDYNAASMsg_Cnt_u08[6] | 255 | 255 | ✔ |
| ISDYNAASMsg_Cnt_u08[7] | 255 | 255 | ✔ |
| Rte_Write_Cd_SrlComDriver_ISDYNAASMsgRxTime_MSec_u32(data) | 4294967295 | 4294967295 | ✔ |
| SrlComDriver_PreRxISDYNAAS() | 0 | 0 | ✔ |

## Test Step Call Trace ✔

| Actual Function | Count | Expected Function | Count | Result |
|---|---|---|---|---|
| GetSystemTime_mS_u32 | 1 | GetSystemTime_mS_u32 | 1 | ✔ |
| Rte_Write_Cd_SrlComDriver_ISDYNAASMsg_Cnt_u08 | 1 | Rte_Write_Cd_SrlComDriver_ISDYNAASMsg_Cnt_u08 | 1 | ✔ |
| Rte_Write_Cd_SrlComDriver_ISDYNAASMsgRxTime_MSec_u32 | 1 | Rte_Write_Cd_SrlComDriver_ISDYNAASMsgRxTime_MSec_u32 | 1 | ✔ |

## Test Step 2.3 (Repeat Count = 1) ✔

| Name | Input Value |
|---|---|
| CityParkSelected_Cnt_M_lgc | 0 |
| GetSystemTime_mS_u32(CurrentTime) | target_GetSystemTime_mS_u32_CurrentTime |
| rxStruct | target_rxStruct |
| target_GetSystemTime_mS_u32_CurrentTime | 0 |
| target_pChipData[0] | 225 |
| target_pChipData[1] | 12 |
| target_pChipData[2] | 63 |
| target_pChipData[3] | 203 |
| target_pChipData[4] | 252 |
| target_pChipData[5] | 150 |
| target_pChipData[6] | 68 |
| target_pChipData[7] | 105 |
| target_pChipMsgObj | 0 |
| target_rxStruct.pChipMsgObj | target_pChipMsgObj |
| target_rxStruct.pChipData | target_pChipData |

| Name | Actual Value | Expected Value | Result |
|---|---|---|---|
| ISDYNAASMsg_Cnt_u08[0] | 255 | 255 | ✔ |
| ISDYNAASMsg_Cnt_u08[1] | 255 | 255 | ✔ |
| ISDYNAASMsg_Cnt_u08[2] | 255 | 255 | ✔ |
| ISDYNAASMsg_Cnt_u08[3] | 255 | 255 | ✔ |
| ISDYNAASMsg_Cnt_u08[4] | 255 | 255 | ✔ |
| ISDYNAASMsg_Cnt_u08[5] | 255 | 255 | ✔ |
| ISDYNAASMsg_Cnt_u08[6] | 255 | 255 | ✔ |
| ISDYNAASMsg_Cnt_u08[7] | 255 | 255 | ✔ |
| Rte_Write_Cd_SrlComDriver_ISDYNAASMsgRxTime_MSec_u32(data) | 4294967295 | 4294967295 | ✔ |

| Name | Actual Value | Expected Value | Result |
|---|---|---|---|
| SrlComDriver_PreRxISDYNAAS() | 0 | 0 | ✔ |

| *Test Step Call Trace* | | | | | ✔ |
|---|---|---|---|---|---|
| **Actual Function** | **Count** | **Expected Function** | | **Count** | **Result** |
| *none* | 0 | *** No Call Expected *** | | 0 | ✔ |

## Test Step 2.4 (Repeat Count = 1) ✔

| Name | Input Value |
|---|---|
| CityParkSelected_Cnt_M_lgc | 1 |
| GetSystemTime_mS_u32(CurrentTime) | target_GetSystemTime_mS_u32_CurrentTime |
| rxStruct | target_rxStruct |
| target_GetSystemTime_mS_u32_CurrentTime | 4294967295 |
| target_pChipData[0] | 181 |
| target_pChipData[1] | 77 |
| target_pChipData[2] | 186 |
| target_pChipData[3] | 58 |
| target_pChipData[4] | 97 |
| target_pChipData[5] | 217 |
| target_pChipData[6] | 147 |
| target_pChipData[7] | 174 |
| target_pChipMsgObj | 1 |
| target_rxStruct.pChipMsgObj | target_pChipMsgObj |
| target_rxStruct.pChipData | target_pChipData |

| Name | Actual Value | Expected Value | Result |
|---|---|---|---|
| ISDYNAASMsg_Cnt_u08[0] | 181 | 181 | ✔ |
| ISDYNAASMsg_Cnt_u08[1] | 77 | 77 | ✔ |
| ISDYNAASMsg_Cnt_u08[2] | 186 | 186 | ✔ |
| ISDYNAASMsg_Cnt_u08[3] | 58 | 58 | ✔ |
| ISDYNAASMsg_Cnt_u08[4] | 97 | 97 | ✔ |
| ISDYNAASMsg_Cnt_u08[5] | 217 | 217 | ✔ |
| ISDYNAASMsg_Cnt_u08[6] | 147 | 147 | ✔ |
| ISDYNAASMsg_Cnt_u08[7] | 174 | 174 | ✔ |
| Rte_Write_Cd_SrlComDriver_ISDYNAASMsgRxTime_MSec_u32(data) | 4294967295 | 4294967295 | ✔ |
| SrlComDriver_PreRxISDYNAAS() | 0 | 0 | ✔ |

| *Test Step Call Trace* | | | | | ✔ |
|---|---|---|---|---|---|
| **Actual Function** | **Count** | **Expected Function** | | **Count** | **Result** |
| GetSystemTime_mS_u32 | 1 | GetSystemTime_mS_u32 | | 1 | ✔ |
| Rte_Write_Cd_SrlComDriver_ISDYNAASMsg_Cnt_u08 | 1 | Rte_Write_Cd_SrlComDriver_ISDYNAASMsg_Cnt_u08 | | 1 | ✔ |
| Rte_Write_Cd_SrlComDriver_ISDYNAASMsgRxTime_MSec_u32 | 1 | Rte_Write_Cd_SrlComDriver_ISDYNAASMsgRxTime_MSec_u32 | | 1 | ✔ |

## Test Step 2.5 (Repeat Count = 1) ✔

| Name | Input Value |
|---|---|
| CityParkSelected_Cnt_M_lgc | 0 |
| GetSystemTime_mS_u32(CurrentTime) | target_GetSystemTime_mS_u32_CurrentTime |
| rxStruct | target_rxStruct |
| target_GetSystemTime_mS_u32_CurrentTime | 536853 |
| target_pChipData[0] | 214 |
| target_pChipData[1] | 42 |
| target_pChipData[2] | 29 |
| target_pChipData[3] | 255 |
| target_pChipData[4] | 208 |
| target_pChipData[5] | 153 |
| target_pChipData[6] | 158 |
| target_pChipData[7] | 183 |
| target_pChipMsgObj | 2 |
| target_rxStruct.pChipMsgObj | target_pChipMsgObj |
| target_rxStruct.pChipData | target_pChipData |

| Name | Actual Value | Expected Value | Result |
|---|---|---|---|
| ISDYNAASMsg_Cnt_u08[0] | 181 | 181 | ✔ |
| ISDYNAASMsg_Cnt_u08[1] | 77 | 77 | ✔ |
| ISDYNAASMsg_Cnt_u08[2] | 186 | 186 | ✔ |
| ISDYNAASMsg_Cnt_u08[3] | 58 | 58 | ✔ |
| ISDYNAASMsg_Cnt_u08[4] | 97 | 97 | ✔ |
| ISDYNAASMsg_Cnt_u08[5] | 217 | 217 | ✔ |
| ISDYNAASMsg_Cnt_u08[6] | 147 | 147 | ✔ |

| Name | Actual Value | Expected Value | Result |
|---|---|---|---|
| ISDYNAASMsg_Cnt_u08[7] | 174 | 174 | ✔ |
| Rte_Write_Cd_SrlComDriver_ISDYNAASMsgRxTime_MSec_u32(data) | 4294967295 | 4294967295 | ✔ |
| SrlComDriver_PreRxISDYNAAS() | 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 |
|---|---|
| CityParkSelected_Cnt_M_lgc | 1 |
| GetSystemTime_mS_u32(CurrentTime) | target_GetSystemTime_mS_u32_CurrentTime |
| rxStruct | target_rxStruct |
| target_GetSystemTime_mS_u32_CurrentTime | 354354 |
| target_pChipData[0] | 0 |
| target_pChipData[1] | 0 |
| target_pChipData[2] | 0 |
| target_pChipData[3] | 0 |
| target_pChipData[4] | 0 |
| target_pChipData[5] | 0 |
| target_pChipData[6] | 0 |
| target_pChipData[7] | 0 |
| target_pChipMsgObj | 3 |
| target_rxStruct.pChipMsgObj | target_pChipMsgObj |
| target_rxStruct.pChipData | target_pChipData |

| Name | Actual Value | Expected Value | Result |
|---|---|---|---|
| ISDYNAASMsg_Cnt_u08[0] | 0 | 0 | ✔ |
| ISDYNAASMsg_Cnt_u08[1] | 0 | 0 | ✔ |
| ISDYNAASMsg_Cnt_u08[2] | 0 | 0 | ✔ |
| ISDYNAASMsg_Cnt_u08[3] | 0 | 0 | ✔ |
| ISDYNAASMsg_Cnt_u08[4] | 0 | 0 | ✔ |
| ISDYNAASMsg_Cnt_u08[5] | 0 | 0 | ✔ |
| ISDYNAASMsg_Cnt_u08[6] | 0 | 0 | ✔ |
| ISDYNAASMsg_Cnt_u08[7] | 0 | 0 | ✔ |
| Rte_Write_Cd_SrlComDriver_ISDYNAASMsgRxTime_MSec_u32(data) | 354354 | 354354 | ✔ |
| SrlComDriver_PreRxISDYNAAS() | 0 | 0 | ✔ |

### Test Step Call Trace ✔

| Actual Function | Count | Expected Function | Count | Result |
|---|---|---|---|---|
| GetSystemTime_mS_u32 | 1 | GetSystemTime_mS_u32 | 1 | ✔ |
| Rte_Write_Cd_SrlComDriver_ISDYNAASMsg_Cnt_u08 | 1 | Rte_Write_Cd_SrlComDriver_ISDYNAASMsg_Cnt_u08 | 1 | ✔ |
| Rte_Write_Cd_SrlComDriver_ISDYNAASMsgRxTime_MSec_u32 | 1 | Rte_Write_Cd_SrlComDriver_ISDYNAASMsgRxTime_MSec_u32 | 1 | ✔ |

### Test Step 2.7 (Repeat Count = 1) ✔

| Name | Input Value |
|---|---|
| CityParkSelected_Cnt_M_lgc | 0 |
| GetSystemTime_mS_u32(CurrentTime) | target_GetSystemTime_mS_u32_CurrentTime |
| rxStruct | target_rxStruct |
| target_GetSystemTime_mS_u32_CurrentTime | 6568888 |
| target_pChipData[0] | 255 |
| target_pChipData[1] | 255 |
| target_pChipData[2] | 255 |
| target_pChipData[3] | 255 |
| target_pChipData[4] | 255 |
| target_pChipData[5] | 255 |
| target_pChipData[6] | 255 |
| target_pChipData[7] | 255 |
| target_pChipMsgObj | 0 |
| target_rxStruct.pChipMsgObj | target_pChipMsgObj |
| target_rxStruct.pChipData | target_pChipData |

| Name | Actual Value | Expected Value | Result |
|---|---|---|---|
| ISDYNAASMsg_Cnt_u08[0] | 0 | 0 | ✔ |
| ISDYNAASMsg_Cnt_u08[1] | 0 | 0 | ✔ |
| ISDYNAASMsg_Cnt_u08[2] | 0 | 0 | ✔ |
| ISDYNAASMsg_Cnt_u08[3] | 0 | 0 | ✔ |
| ISDYNAASMsg_Cnt_u08[4] | 0 | 0 | ✔ |

| Name | Actual Value | Expected Value | Result |
|------|-------------|---------------|--------|
| ISDYNAASMsg_Cnt_u08[5] | 0 | 0 | ✔ |
| ISDYNAASMsg_Cnt_u08[6] | 0 | 0 | ✔ |
| ISDYNAASMsg_Cnt_u08[7] | 0 | 0 | ✔ |
| Rte_Write_Cd_SrlComDriver_ISDYNAASMsgRxTime_MSec_u32(data) | 354354 | 354354 | ✔ |
| SrlComDriver_PreRxISDYNAAS() | 0 | 0 | ✔ |

| *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** | |
| CityParkSelected_Cnt_M_lgc | 1 | |
| GetSystemTime_mS_u32(CurrentTime) | target_GetSystemTime_mS_u32_CurrentTime | |
| rxStruct | target_rxStruct | |
| target_GetSystemTime_mS_u32_CurrentTime | 12783422 | |
| target_pChipData[0] | 156 | |
| target_pChipData[1] | 71 | |
| target_pChipData[2] | 16 | |
| target_pChipData[3] | 237 | |
| target_pChipData[4] | 95 | |
| target_pChipData[5] | 114 | |
| target_pChipData[6] | 39 | |
| target_pChipData[7] | 119 | |
| target_pChipMsgObj | 1 | |
| target_rxStruct.pChipMsgObj | target_pChipMsgObj | |
| target_rxStruct.pChipData | target_pChipData | |

| **Name** | **Actual Value** | **Expected Value** | **Result** |
|------|------|------|------|
| ISDYNAASMsg_Cnt_u08[0] | 156 | 156 | ✔ |
| ISDYNAASMsg_Cnt_u08[1] | 71 | 71 | ✔ |
| ISDYNAASMsg_Cnt_u08[2] | 16 | 16 | ✔ |
| ISDYNAASMsg_Cnt_u08[3] | 237 | 237 | ✔ |
| ISDYNAASMsg_Cnt_u08[4] | 95 | 95 | ✔ |
| ISDYNAASMsg_Cnt_u08[5] | 114 | 114 | ✔ |
| ISDYNAASMsg_Cnt_u08[6] | 39 | 39 | ✔ |
| ISDYNAASMsg_Cnt_u08[7] | 119 | 119 | ✔ |
| Rte_Write_Cd_SrlComDriver_ISDYNAASMsgRxTime_MSec_u32(data) | 12783422 | 12783422 | ✔ |
| SrlComDriver_PreRxISDYNAAS() | 0 | 0 | ✔ |

| *Test Step Call Trace* | | | | ✔ |
|------|------|------|------|------|
| **Actual Function** | **Count** | **Expected Function** | **Count** | **Result** |
| GetSystemTime_mS_u32 | 1 | GetSystemTime_mS_u32 | 1 | ✔ |
| Rte_Write_Cd_SrlComDriver_ISDYNAASMsg_Cnt_u08 | 1 | Rte_Write_Cd_SrlComDriver_ISDYNAASMsg_Cnt_u08 | 1 | ✔ |
| Rte_Write_Cd_SrlComDriver_ISDYNAASMsgRxTime_MSec_u32 | 1 | Rte_Write_Cd_SrlComDriver_ISDYNAASMsgRxTime_MSec_u32 | 1 | ✔ |

| **Test Step 2.9 (Repeat Count = 1)** | | ✔ |
|------|------|------|
| **Name** | **Input Value** | |
| CityParkSelected_Cnt_M_lgc | 0 | |
| GetSystemTime_mS_u32(CurrentTime) | target_GetSystemTime_mS_u32_CurrentTime | |
| rxStruct | target_rxStruct | |
| target_GetSystemTime_mS_u32_CurrentTime | 18997956 | |
| target_pChipData[0] | 36 | |
| target_pChipData[1] | 49 | |
| target_pChipData[2] | 171 | |
| target_pChipData[3] | 117 | |
| target_pChipData[4] | 167 | |
| target_pChipData[5] | 64 | |
| target_pChipData[6] | 6 | |
| target_pChipData[7] | 116 | |
| target_pChipMsgObj | 0 | |
| target_rxStruct.pChipMsgObj | target_pChipMsgObj | |
| target_rxStruct.pChipData | target_pChipData | |

| **Name** | **Actual Value** | **Expected Value** | **Result** |
|------|------|------|------|
| ISDYNAASMsg_Cnt_u08[0] | 156 | 156 | ✔ |
| ISDYNAASMsg_Cnt_u08[1] | 71 | 71 | ✔ |
| ISDYNAASMsg_Cnt_u08[2] | 16 | 16 | ✔ |

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| Name | Actual Value | Expected Value | Result |
|---|---|---|---|
| ISDYNAASMsg_Cnt_u08[3] | 237 | 237 | ✔ |
| ISDYNAASMsg_Cnt_u08[4] | 95 | 95 | ✔ |
| ISDYNAASMsg_Cnt_u08[5] | 114 | 114 | ✔ |
| ISDYNAASMsg_Cnt_u08[6] | 39 | 39 | ✔ |
| ISDYNAASMsg_Cnt_u08[7] | 119 | 119 | ✔ |
| Rte_Write_Cd_SrlComDriver_ISDYNAASMsgRxTime_MSec_u32(data) | 12783422 | 12783422 | ✔ |
| SrlComDriver_PreRxISDYNAAS() | 0 | 0 | ✔ |

| **Test Step Call Trace** | | | | | ✔ |
|---|---|---|---|---|---|
| **Actual Function** | **Count** | **Expected Function** | | **Count** | **Result** |
| *none* | 0 | *** No Call Expected *** | | 0 | ✔ |

| **Test Step 2.10 (Repeat Count = 1)** | | ✔ |
|---|---|---|
| **Name** | **Input Value** | |
| CityParkSelected_Cnt_M_lgc | 0 | |
| GetSystemTime_mS_u32(CurrentTime) | target_GetSystemTime_mS_u32_CurrentTime | |
| rxStruct | target_rxStruct | |
| target_GetSystemTime_mS_u32_CurrentTime | 25212490 | |
| target_pChipData[0] | 236 | |
| target_pChipData[1] | 149 | |
| target_pChipData[2] | 137 | |
| target_pChipData[3] | 5 | |
| target_pChipData[4] | 248 | |
| target_pChipData[5] | 178 | |
| target_pChipData[6] | 226 | |
| target_pChipData[7] | 192 | |
| target_pChipMsgObj | 3 | |
| target_rxStruct.pChipMsgObj | target_pChipMsgObj | |
| target_rxStruct.pChipData | target_pChipData | |

| Name | Actual Value | Expected Value | Result |
|---|---|---|---|
| ISDYNAASMsg_Cnt_u08[0] | 156 | 156 | ✔ |
| ISDYNAASMsg_Cnt_u08[1] | 71 | 71 | ✔ |
| ISDYNAASMsg_Cnt_u08[2] | 16 | 16 | ✔ |
| ISDYNAASMsg_Cnt_u08[3] | 237 | 237 | ✔ |
| ISDYNAASMsg_Cnt_u08[4] | 95 | 95 | ✔ |
| ISDYNAASMsg_Cnt_u08[5] | 114 | 114 | ✔ |
| ISDYNAASMsg_Cnt_u08[6] | 39 | 39 | ✔ |
| ISDYNAASMsg_Cnt_u08[7] | 119 | 119 | ✔ |
| Rte_Write_Cd_SrlComDriver_ISDYNAASMsgRxTime_MSec_u32(data) | 12783422 | 12783422 | ✔ |
| SrlComDriver_PreRxISDYNAAS() | 0 | 0 | ✔ |

| **Test Step Call Trace** | | | | | ✔ |
|---|---|---|---|---|---|
| **Actual Function** | **Count** | **Expected Function** | | **Count** | **Result** |
| *none* | 0 | *** No Call Expected *** | | 0 | ✔ |

| **Test Step 2.11 (Repeat Count = 1)** | | ✔ |
|---|---|---|
| **Name** | **Input Value** | |
| CityParkSelected_Cnt_M_lgc | 0 | |
| GetSystemTime_mS_u32(CurrentTime) | target_GetSystemTime_mS_u32_CurrentTime | |
| rxStruct | target_rxStruct | |
| target_GetSystemTime_mS_u32_CurrentTime | 31427024 | |
| target_pChipData[0] | 2 | |
| target_pChipData[1] | 72 | |
| target_pChipData[2] | 42 | |
| target_pChipData[3] | 49 | |
| target_pChipData[4] | 117 | |
| target_pChipData[5] | 218 | |
| target_pChipData[6] | 146 | |
| target_pChipData[7] | 195 | |
| target_pChipMsgObj | 1 | |
| target_rxStruct.pChipMsgObj | target_pChipMsgObj | |
| target_rxStruct.pChipData | target_pChipData | |

| Name | Actual Value | Expected Value | Result |
|---|---|---|---|
| ISDYNAASMsg_Cnt_u08[0] | 156 | 156 | ✔ |
| ISDYNAASMsg_Cnt_u08[1] | 71 | 71 | ✔ |
| ISDYNAASMsg_Cnt_u08[2] | 16 | 16 | ✔ |

| Name | Actual Value | Expected Value | Result |
|---|---|---|---|
| ISDYNAASMsg_Cnt_u08[3] | 237 | 237 | ✔ |
| ISDYNAASMsg_Cnt_u08[4] | 95 | 95 | ✔ |
| ISDYNAASMsg_Cnt_u08[5] | 114 | 114 | ✔ |
| ISDYNAASMsg_Cnt_u08[6] | 39 | 39 | ✔ |
| ISDYNAASMsg_Cnt_u08[7] | 119 | 119 | ✔ |
| Rte_Write_Cd_SrlComDriver_ISDYNAASMsgRxTime_MSec_u32(data) | 12783422 | 12783422 | ✔ |
| SrlComDriver_PreRxISDYNAAS() | 0 | 0 | ✔ |

| *Test Step Call Trace* | | | | | ✔ |
|---|---|---|---|---|---|
| **Actual Function** | **Count** | **Expected Function** | | **Count** | **Result** |
| *none* | 0 | *** No Call Expected *** | | 0 | ✔ |

| **Test Step 2.12 (Repeat Count = 1)** | | ✔ |
|---|---|---|
| **Name** | **Input Value** | |
| CityParkSelected_Cnt_M_lgc | 0 | |
| GetSystemTime_mS_u32(CurrentTime) | target_GetSystemTime_mS_u32_CurrentTime | |
| rxStruct | target_rxStruct | |
| target_GetSystemTime_mS_u32_CurrentTime | 18997956 | |
| target_pChipData[0] | 36 | |
| target_pChipData[1] | 49 | |
| target_pChipData[2] | 171 | |
| target_pChipData[3] | 117 | |
| target_pChipData[4] | 167 | |
| target_pChipData[5] | 64 | |
| target_pChipData[6] | 6 | |
| target_pChipData[7] | 116 | |
| target_pChipMsgObj | 0 | |
| target_rxStruct.pChipMsgObj | target_pChipMsgObj | |
| target_rxStruct.pChipData | target_pChipData | |

| **Name** | **Actual Value** | **Expected Value** | **Result** |
|---|---|---|---|
| ISDYNAASMsg_Cnt_u08[0] | 156 | 156 | ✔ |
| ISDYNAASMsg_Cnt_u08[1] | 71 | 71 | ✔ |
| ISDYNAASMsg_Cnt_u08[2] | 16 | 16 | ✔ |
| ISDYNAASMsg_Cnt_u08[3] | 237 | 237 | ✔ |
| ISDYNAASMsg_Cnt_u08[4] | 95 | 95 | ✔ |
| ISDYNAASMsg_Cnt_u08[5] | 114 | 114 | ✔ |
| ISDYNAASMsg_Cnt_u08[6] | 39 | 39 | ✔ |
| ISDYNAASMsg_Cnt_u08[7] | 119 | 119 | ✔ |
| Rte_Write_Cd_SrlComDriver_ISDYNAASMsgRxTime_MSec_u32(data) | 12783422 | 12783422 | ✔ |
| SrlComDriver_PreRxISDYNAAS() | 0 | 0 | ✔ |

| *Test Step Call Trace* | | | | | ✔ |
|---|---|---|---|---|---|
| **Actual Function** | **Count** | **Expected Function** | | **Count** | **Result** |
| *none* | 0 | *** No Call Expected *** | | 0 | ✔ |

| **Test Step 2.13 (Repeat Count = 1)** | | ✔ |
|---|---|---|
| **Name** | **Input Value** | |
| CityParkSelected_Cnt_M_lgc | 1 | |
| GetSystemTime_mS_u32(CurrentTime) | target_GetSystemTime_mS_u32_CurrentTime | |
| rxStruct | target_rxStruct | |
| target_GetSystemTime_mS_u32_CurrentTime | 12783422 | |
| target_pChipData[0] | 156 | |
| target_pChipData[1] | 71 | |
| target_pChipData[2] | 16 | |
| target_pChipData[3] | 237 | |
| target_pChipData[4] | 95 | |
| target_pChipData[5] | 114 | |
| target_pChipData[6] | 39 | |
| target_pChipData[7] | 119 | |
| target_pChipMsgObj | 1 | |
| target_rxStruct.pChipMsgObj | target_pChipMsgObj | |
| target_rxStruct.pChipData | target_pChipData | |

| **Name** | **Actual Value** | **Expected Value** | **Result** |
|---|---|---|---|
| ISDYNAASMsg_Cnt_u08[0] | 156 | 156 | ✔ |
| ISDYNAASMsg_Cnt_u08[1] | 71 | 71 | ✔ |
| ISDYNAASMsg_Cnt_u08[2] | 16 | 16 | ✔ |

| Name | Actual Value | Expected Value | Result |
|---|---|---|---|
| ISDYNAASMsg_Cnt_u08[3] | 237 | 237 | ✔ |
| ISDYNAASMsg_Cnt_u08[4] | 95 | 95 | ✔ |
| ISDYNAASMsg_Cnt_u08[5] | 114 | 114 | ✔ |
| ISDYNAASMsg_Cnt_u08[6] | 39 | 39 | ✔ |
| ISDYNAASMsg_Cnt_u08[7] | 119 | 119 | ✔ |
| Rte_Write_Cd_SrlComDriver_ISDYNAASMsgRxTime_MSec_u32(data) | 12783422 | 12783422 | ✔ |
| SrlComDriver_PreRxISDYNAAS() | 0 | 0 | ✔ |

| *Test Step Call Trace* | | | | | ✔ |
|---|---|---|---|---|---|
| **Actual Function** | **Count** | **Expected Function** | **Count** | **Result** | |
| GetSystemTime_mS_u32 | 1 | GetSystemTime_mS_u32 | 1 | ✔ | |
| Rte_Write_Cd_SrlComDriver_ISDYNAASMsg_Cnt_u08 | 1 | Rte_Write_Cd_SrlComDriver_ISDYNAASMsg_Cnt_u08 | 1 | ✔ | |
| Rte_Write_Cd_SrlComDriver_ISDYNAASMsgRxTime_MSec_u32 | 1 | Rte_Write_Cd_SrlComDriver_ISDYNAASMsgRxTime_MSec_u32 | 1 | ✔ | |

| | |
|---|---|
| **Project** | SrlComDriver |
| **Module** | SrlComDriver |
| **Test Object** | SrlComDriver_PreRxISDYNABR |

## Instrumentation: Test Object Only

| | |
|---|---|
| **Statement (C0) Coverage** | 100 % |
| **Decision Coverage** | 100 % |
| **Branch (C1) Coverage** | 100 % |
| **MC/DC Coverage** | 100 % |

## Statistics

| | | |
|---|---|---|
| **Total Testcases** | 2 | |
| **Successful** | 2 | ✔ |
| **Failed** | 0 | |
| **Not Executed** | 0 | |

## Module Properties

| | |
|---|---|
| **Project Root Directory** | D:\Synergy_Work_Area_3.0\Task_EA3_20106_PSA_CMP_05.03.00_SrlComDriver |
| **Configuration File** | $(PROJECTROOT)\tessy\config\configuration.xml |
| **Target Environment** | GNU GCC GNU GVD (Default) |
| **Kind of Test** | Unit Test |
| **Linker Options** | |
| **Source File(s)** | |
| **File** | $(PROJECTROOT)\SrlComDriver\src\Cd_SrlComDriver.c |
| **Compiler Options** | -DSKIP_MAGIC_NUMBER= -D_DATA_ACCESS= -D__inline= -D_extern= -Dconst= -Dstatic= -I$(PROJECTROOT)\Contract_modified -I$(PROJECTROOT)\NxtrLib\include -I$(PROJECTROOT)\StdDef\include -I$(ProgramFiles)\Texas Instruments\ccsv4\tools\compiler\tms470_4.9.5\include |

| Attributes | |
|---|---|
| **Name** | **Value** |
| Compiler Install Path | $(ProgramFiles)\Texas Instruments\ccsv4\tools\compiler\tms470_4.9.5\include |
| Float Precision | 9 |

| Comments/Description/Specification | |
|---|---|
| **Name** | **Text** |
| Module 'SrlComDriver' | *************************************Unit Test Information********************************************<br>Name of Tester:Divya Jape<br>Code File(s) Under Test:Cd_SrlComDriver.c<br>Code File(s) Version:15<br>Module Design Document:SrlComDriver_MDD.doc<br>Module Design Document Version:7<br>Data Dictionary Version:11<br>Unit Test Plan Version:5<br>Optimization Level:Ogeneral<br>Compiler (CodeGen) Version:TMS470_4.9.5<br>Model Type:None<br>Model Version:Nexteer EPS Unit Test Tool 1.0<br>Total FLASH Used (Bytes):4846<br>Total RAM Used (Bytes):75<br>Total CALS Used (Bytes):3<br>Special Test Requirements:NA<br>Test Date:5/24/2018<br>Comments: Note 1: "CBD_Sandbox_dbg.map" MAP file embedded for reference.<br>Note 2: Inline functions in GlobalMacro.h are not unit tested.<br>Note 3: For Functions 'SrlComDriver_PreRxISDYNAAS', 'SrlComDriver_PreRxISDYNABR', 'SrlComDriver_PreRxISDYNVOL', 'SrlComDriver_PreRxISDAT4V2BSI552' and<br>'SrlComDriver_PreRxPROTOHS1DYNUCF5CD' only SIL report is generated because of the interface issue.<br>*************************************************************************************************** |

## Test Case 1: Metric Test ✔

| | |
|---|---|
| **Specification** | Performance Metrics<br>(With "None" Instrumentation and WithPS Environment)<br>CPU Cycles:<br><br>TS1.1 1665.00 Cycles<br>TS1.2 1601.00 Cycles |
| **Description** | Vector Description<br><br>TS1.1Shortest Execution Path<br>for( i = 0u; i < DLC_Cnt_T_u08; i++ )=>T<br>for( i=0u; i < 8u; i++ )=>T<br><br>TS1.2Longest Execution Path<br>for( i = 0u; i < DLC_Cnt_T_u08; i++ )=>T<br>for( i=0u; i < 8u; i++ )=>T |

### Test Step 1.1 (Repeat Count = 1) ✔

| Name | Input Value |
|---|---|
| GetSystemTime_mS_u32(CurrentTime) | target_GetSystemTime_mS_u32_CurrentTime |
| rxStruct | target_rxStruct |
| target_GetSystemTime_mS_u32_CurrentTime | 0 |
| target_pChipData[0] | 0 |
| target_pChipData[1] | 0 |
| target_pChipData[2] | 0 |
| target_pChipData[3] | 0 |
| target_pChipData[4] | 0 |
| target_pChipData[5] | 0 |
| target_pChipData[6] | 0 |
| target_pChipData[7] | 0 |
| target_pChipMsgObj | 0 |
| target_rxStruct.pChipMsgObj | target_pChipMsgObj |
| target_rxStruct.pChipData | target_pChipData |

| Name | Actual Value | Expected Value | Result |
|---|---|---|---|
| ISDYNABRMsg_Cnt_u08[0] | 0 | 0 | ✔ |
| ISDYNABRMsg_Cnt_u08[1] | 0 | 0 | ✔ |
| ISDYNABRMsg_Cnt_u08[2] | 0 | 0 | ✔ |
| ISDYNABRMsg_Cnt_u08[3] | 0 | 0 | ✔ |
| ISDYNABRMsg_Cnt_u08[4] | 0 | 0 | ✔ |
| ISDYNABRMsg_Cnt_u08[5] | 0 | 0 | ✔ |
| ISDYNABRMsg_Cnt_u08[6] | 0 | 0 | ✔ |
| ISDYNABRMsg_Cnt_u08[7] | 0 | 0 | ✔ |
| Rte_Write_Cd_SrlComDriver_ISDYNABRMsgRxTime_MSec_u32(data) | 0 | 0 | ✔ |
| SrlComDriver_PreRxISDYNABR() | 0 | 0 | ✔ |

### Test Step Call Trace ✔

| Actual Function | Count | Expected Function | Count | Result |
|---|---|---|---|---|
| GetSystemTime_mS_u32 | 1 | GetSystemTime_mS_u32 | 1 | ✔ |
| Rte_Write_Cd_SrlComDriver_ISDYNABRMsg_Cnt_u08 | 1 | Rte_Write_Cd_SrlComDriver_ISDYNABRMsg_Cnt_u08 | 1 | ✔ |
| Rte_Write_Cd_SrlComDriver_ISDYNABRMsgRxTime_MSec_u32 | 1 | Rte_Write_Cd_SrlComDriver_ISDYNABRMsgRxTime_MSec_u32 | 1 | ✔ |

### Test Step 1.2 (Repeat Count = 1) ✔

| Name | Input Value |
|---|---|
| GetSystemTime_mS_u32(CurrentTime) | target_GetSystemTime_mS_u32_CurrentTime |
| rxStruct | target_rxStruct |
| target_GetSystemTime_mS_u32_CurrentTime | 4294967295 |
| target_pChipData[0] | 71 |
| target_pChipData[1] | 114 |
| target_pChipData[2] | 139 |
| target_pChipData[3] | 169 |
| target_pChipData[4] | 179 |
| target_pChipData[5] | 215 |
| target_pChipData[6] | 230 |
| target_pChipData[7] | 241 |
| target_pChipMsgObj | 0 |
| target_rxStruct.pChipMsgObj | target_pChipMsgObj |
| target_rxStruct.pChipData | target_pChipData |

| Name | Actual Value | Expected Value | Result |
|---|---|---|---|
| ISDYNABRMsg_Cnt_u08[0] | 71 | 71 | ✔ |
| ISDYNABRMsg_Cnt_u08[1] | 114 | 114 | ✔ |
| ISDYNABRMsg_Cnt_u08[2] | 139 | 139 | ✔ |

| Name | Actual Value | Expected Value | Result |
|------|-------------|----------------|--------|
| ISDYNABRMsg_Cnt_u08[3] | 169 | 169 | ✔ |
| ISDYNABRMsg_Cnt_u08[4] | 179 | 179 | ✔ |
| ISDYNABRMsg_Cnt_u08[5] | 215 | 215 | ✔ |
| ISDYNABRMsg_Cnt_u08[6] | 230 | 230 | ✔ |
| ISDYNABRMsg_Cnt_u08[7] | 241 | 241 | ✔ |
| Rte_Write_Cd_SrlComDriver_ISDYNABRMsgRxTime_MSec_u32(data) | 4294967295 | 4294967295 | ✔ |
| SrlComDriver_PreRxISDYNABR() | 0 | 0 | ✔ |

## Test Step Call Trace ✔

| Actual Function | Count | Expected Function | Count | Result |
|-----------------|-------|-------------------|-------|--------|
| GetSystemTime_mS_u32 | 1 | GetSystemTime_mS_u32 | 1 | ✔ |
| Rte_Write_Cd_SrlComDriver_ISDYNABRMsg_Cnt_u08 | 1 | Rte_Write_Cd_SrlComDriver_ISDYNABRMsg_Cnt_u08 | 1 | ✔ |
| Rte_Write_Cd_SrlComDriver_ISDYNABRMsgRxTime_MSec_u32 | 1 | Rte_Write_Cd_SrlComDriver_ISDYNABRMsgRxTime_MSec_u32 | 1 | ✔ |

## Test Case 2: Range Test ✔

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

TS2.1 1601.00 Cycles
TS2.2 1583.00 Cycles
TS2.3 1583.00 Cycles
TS2.4 1583.00 Cycles
TS2.5 1583.00 Cycles
TS2.6 1583.00 Cycles
TS2.7 1583.00 Cycles
TS2.8 1583.00 Cycles
TS2.9 1583.00 Cycles
TS2.10 1583.00 Cycles
TS2.11 1583.00 Cycles
```

**Description**    Vector Description

TS2.1All Min
TS2.2All Max
TS2.3rxStruct.pChipMsgObj==>Min
TS2.4rxStruct.pChipMsgObj==>Max
TS2.5rxStruct.pChipMsgObj==>Pos
TS2.6rxStruct.pChipData[8]==>Min
TS2.7rxStruct.pChipData[8]==>Max
TS2.8rxStruct.pChipData[8]==>Pos
TS2.9GetSystemTime_mS_u32==>Min
TS2.10GetSystemTime_mS_u32==>Max
TS2.11GetSystemTime_mS_u32==>Pos
TS2.10GetSystemTime_mS_u32==>Max
TS2.11GetSystemTime_mS_u32==>Pos

## Test Step 2.1 (Repeat Count = 1) ✔

| Name | Input Value |
|------|-------------|
| GetSystemTime_mS_u32(CurrentTime) | target_GetSystemTime_mS_u32_CurrentTime |
| rxStruct | target_rxStruct |
| target_GetSystemTime_mS_u32_CurrentTime | 0 |
| target_pChipData[0] | 0 |
| target_pChipData[1] | 0 |
| target_pChipData[2] | 0 |
| target_pChipData[3] | 0 |
| target_pChipData[4] | 0 |
| target_pChipData[5] | 0 |
| target_pChipData[6] | 0 |
| target_pChipData[7] | 0 |
| target_pChipMsgObj | 0 |
| target_rxStruct.pChipMsgObj | target_pChipMsgObj |
| target_rxStruct.pChipData | target_pChipData |

| Name | Actual Value | Expected Value | Result |
|------|-------------|----------------|--------|
| ISDYNABRMsg_Cnt_u08[0] | 0 | 0 | ✔ |
| ISDYNABRMsg_Cnt_u08[1] | 0 | 0 | ✔ |
| ISDYNABRMsg_Cnt_u08[2] | 0 | 0 | ✔ |
| ISDYNABRMsg_Cnt_u08[3] | 0 | 0 | ✔ |
| ISDYNABRMsg_Cnt_u08[4] | 0 | 0 | ✔ |
| ISDYNABRMsg_Cnt_u08[5] | 0 | 0 | ✔ |
| ISDYNABRMsg_Cnt_u08[6] | 0 | 0 | ✔ |
| ISDYNABRMsg_Cnt_u08[7] | 0 | 0 | ✔ |
| Rte_Write_Cd_SrlComDriver_ISDYNABRMsgRxTime_MSec_u32(data) | 0 | 0 | ✔ |
| SrlComDriver_PreRxISDYNABR() | 0 | 0 | ✔ |

## Test Step Call Trace

| Actual Function | Count | Expected Function | Count | Result |
|---|---|---|---|---|
| GetSystemTime_mS_u32 | 1 | GetSystemTime_mS_u32 | 1 | ✔ |
| Rte_Write_Cd_SrlComDriver_ISDYNABRMsg_Cnt_u08 | 1 | Rte_Write_Cd_SrlComDriver_ISDYNABRMsg_Cnt_u08 | 1 | ✔ |
| Rte_Write_Cd_SrlComDriver_ISDYNABRMsgRxTime_MSec_u32 | 1 | Rte_Write_Cd_SrlComDriver_ISDYNABRMsgRxTime_MSec_u32 | 1 | ✔ |

## Test Step 2.2 (Repeat Count = 1)

| Name | Input Value | | |
|---|---|---|---|
| GetSystemTime_mS_u32(CurrentTime) | target_GetSystemTime_mS_u32_CurrentTime | | |
| rxStruct | target_rxStruct | | |
| target_GetSystemTime_mS_u32_CurrentTime | 4294967295 | | |
| target_pChipData[0] | 255 | | |
| target_pChipData[1] | 255 | | |
| target_pChipData[2] | 255 | | |
| target_pChipData[3] | 255 | | |
| target_pChipData[4] | 255 | | |
| target_pChipData[5] | 255 | | |
| target_pChipData[6] | 255 | | |
| target_pChipData[7] | 255 | | |
| target_pChipMsgObj | 3 | | |
| target_rxStruct.pChipMsgObj | target_pChipMsgObj | | |
| target_rxStruct.pChipData | target_pChipData | | |

| Name | Actual Value | Expected Value | Result |
|---|---|---|---|
| ISDYNABRMsg_Cnt_u08[0] | 255 | 255 | ✔ |
| ISDYNABRMsg_Cnt_u08[1] | 255 | 255 | ✔ |
| ISDYNABRMsg_Cnt_u08[2] | 255 | 255 | ✔ |
| ISDYNABRMsg_Cnt_u08[3] | 255 | 255 | ✔ |
| ISDYNABRMsg_Cnt_u08[4] | 255 | 255 | ✔ |
| ISDYNABRMsg_Cnt_u08[5] | 255 | 255 | ✔ |
| ISDYNABRMsg_Cnt_u08[6] | 255 | 255 | ✔ |
| ISDYNABRMsg_Cnt_u08[7] | 255 | 255 | ✔ |
| Rte_Write_Cd_SrlComDriver_ISDYNABRMsgRxTime_MSec_u32(data) | 4294967295 | 4294967295 | ✔ |
| SrlComDriver_PreRxISDYNABR() | 0 | 0 | ✔ |

## Test Step Call Trace

| Actual Function | Count | Expected Function | Count | Result |
|---|---|---|---|---|
| GetSystemTime_mS_u32 | 1 | GetSystemTime_mS_u32 | 1 | ✔ |
| Rte_Write_Cd_SrlComDriver_ISDYNABRMsg_Cnt_u08 | 1 | Rte_Write_Cd_SrlComDriver_ISDYNABRMsg_Cnt_u08 | 1 | ✔ |
| Rte_Write_Cd_SrlComDriver_ISDYNABRMsgRxTime_MSec_u32 | 1 | Rte_Write_Cd_SrlComDriver_ISDYNABRMsgRxTime_MSec_u32 | 1 | ✔ |

## Test Step 2.3 (Repeat Count = 1)

| Name | Input Value | | |
|---|---|---|---|
| GetSystemTime_mS_u32(CurrentTime) | target_GetSystemTime_mS_u32_CurrentTime | | |
| rxStruct | target_rxStruct | | |
| target_GetSystemTime_mS_u32_CurrentTime | 229800192 | | |
| target_pChipData[0] | 12 | | |
| target_pChipData[1] | 16 | | |
| target_pChipData[2] | 32 | | |
| target_pChipData[3] | 81 | | |
| target_pChipData[4] | 87 | | |
| target_pChipData[5] | 100 | | |
| target_pChipData[6] | 210 | | |
| target_pChipData[7] | 251 | | |
| target_pChipMsgObj | 0 | | |
| target_rxStruct.pChipMsgObj | target_pChipMsgObj | | |
| target_rxStruct.pChipData | target_pChipData | | |

| Name | Actual Value | Expected Value | Result |
|---|---|---|---|
| ISDYNABRMsg_Cnt_u08[0] | 12 | 12 | ✔ |
| ISDYNABRMsg_Cnt_u08[1] | 16 | 16 | ✔ |
| ISDYNABRMsg_Cnt_u08[2] | 32 | 32 | ✔ |
| ISDYNABRMsg_Cnt_u08[3] | 81 | 81 | ✔ |
| ISDYNABRMsg_Cnt_u08[4] | 87 | 87 | ✔ |
| ISDYNABRMsg_Cnt_u08[5] | 100 | 100 | ✔ |
| ISDYNABRMsg_Cnt_u08[6] | 210 | 210 | ✔ |
| ISDYNABRMsg_Cnt_u08[7] | 251 | 251 | ✔ |
| Rte_Write_Cd_SrlComDriver_ISDYNABRMsgRxTime_MSec_u32(data) | 229800192 | 229800192 | ✔ |

| Name | Actual Value | Expected Value | Result |
|---|---|---|---|
| SrlComDriver_PreRxISDYNABR() | 0 | 0 | ✔ |

| *Test Step Call Trace* | | | | ✔ |
|---|---|---|---|---|
| **Actual Function** | **Count** | **Expected Function** | **Count** | **Result** |
| GetSystemTime_mS_u32 | 1 | GetSystemTime_mS_u32 | 1 | ✔ |
| Rte_Write_Cd_SrlComDriver_ISDYNABRMsg_Cnt_u08 | 1 | Rte_Write_Cd_SrlComDriver_ISDYNABRMsg_Cnt_u08 | 1 | ✔ |
| Rte_Write_Cd_SrlComDriver_ISDYNABRMsgRxTime_MSec_u32 | 1 | Rte_Write_Cd_SrlComDriver_ISDYNABRMsgRxTime_MSec_u32 | 1 | ✔ |

| **Test Step 2.4 (Repeat Count = 1)** | | | ✔ |
|---|---|---|---|
| **Name** | **Input Value** | | |
| GetSystemTime_mS_u32(CurrentTime) | target_GetSystemTime_mS_u32_CurrentTime | | |
| rxStruct | target_rxStruct | | |
| target_GetSystemTime_mS_u32_CurrentTime | 2544588800 | | |
| target_pChipData[0] | 58 | | |
| target_pChipData[1] | 88 | | |
| target_pChipData[2] | 98 | | |
| target_pChipData[3] | 101 | | |
| target_pChipData[4] | 134 | | |
| target_pChipData[5] | 149 | | |
| target_pChipData[6] | 160 | | |
| target_pChipData[7] | 246 | | |
| target_pChipMsgObj | 3 | | |
| target_rxStruct.pChipMsgObj | target_pChipMsgObj | | |
| target_rxStruct.pChipData | target_pChipData | | |
| **Name** | **Actual Value** | **Expected Value** | **Result** |
| ISDYNABRMsg_Cnt_u08[0] | 58 | 58 | ✔ |
| ISDYNABRMsg_Cnt_u08[1] | 88 | 88 | ✔ |
| ISDYNABRMsg_Cnt_u08[2] | 98 | 98 | ✔ |
| ISDYNABRMsg_Cnt_u08[3] | 101 | 101 | ✔ |
| ISDYNABRMsg_Cnt_u08[4] | 134 | 134 | ✔ |
| ISDYNABRMsg_Cnt_u08[5] | 149 | 149 | ✔ |
| ISDYNABRMsg_Cnt_u08[6] | 160 | 160 | ✔ |
| ISDYNABRMsg_Cnt_u08[7] | 246 | 246 | ✔ |
| Rte_Write_Cd_SrlComDriver_ISDYNABRMsgRxTime_MSec_u32(data) | 2544588800 | 2544588800 | ✔ |
| SrlComDriver_PreRxISDYNABR() | 0 | 0 | ✔ |

| *Test Step Call Trace* | | | | ✔ |
|---|---|---|---|---|
| **Actual Function** | **Count** | **Expected Function** | **Count** | **Result** |
| GetSystemTime_mS_u32 | 1 | GetSystemTime_mS_u32 | 1 | ✔ |
| Rte_Write_Cd_SrlComDriver_ISDYNABRMsg_Cnt_u08 | 1 | Rte_Write_Cd_SrlComDriver_ISDYNABRMsg_Cnt_u08 | 1 | ✔ |
| Rte_Write_Cd_SrlComDriver_ISDYNABRMsgRxTime_MSec_u32 | 1 | Rte_Write_Cd_SrlComDriver_ISDYNABRMsgRxTime_MSec_u32 | 1 | ✔ |

| **Test Step 2.5 (Repeat Count = 1)** | | | ✔ |
|---|---|---|---|
| **Name** | **Input Value** | | |
| GetSystemTime_mS_u32(CurrentTime) | target_GetSystemTime_mS_u32_CurrentTime | | |
| rxStruct | target_rxStruct | | |
| target_GetSystemTime_mS_u32_CurrentTime | 2298092 | | |
| target_pChipData[0] | 30 | | |
| target_pChipData[1] | 46 | | |
| target_pChipData[2] | 119 | | |
| target_pChipData[3] | 219 | | |
| target_pChipData[4] | 224 | | |
| target_pChipData[5] | 229 | | |
| target_pChipData[6] | 231 | | |
| target_pChipData[7] | 248 | | |
| target_pChipMsgObj | 1 | | |
| target_rxStruct.pChipMsgObj | target_pChipMsgObj | | |
| target_rxStruct.pChipData | target_pChipData | | |
| **Name** | **Actual Value** | **Expected Value** | **Result** |
| ISDYNABRMsg_Cnt_u08[0] | 0 | 0 | ✔ |
| ISDYNABRMsg_Cnt_u08[1] | 0 | 0 | ✔ |
| ISDYNABRMsg_Cnt_u08[2] | 0 | 0 | ✔ |
| ISDYNABRMsg_Cnt_u08[3] | 0 | 0 | ✔ |
| ISDYNABRMsg_Cnt_u08[4] | 0 | 0 | ✔ |
| ISDYNABRMsg_Cnt_u08[5] | 0 | 0 | ✔ |
| ISDYNABRMsg_Cnt_u08[6] | 0 | 0 | ✔ |

| Name | Actual Value | Expected Value | Result |
|---|---|---|---|
| ISDYNABRMsg_Cnt_u08[7] | 0 | 0 | ✓ |
| Rte_Write_Cd_SrlComDriver_ISDYNABRMsgRxTime_MSec_u32(data) | 2298092 | 2298092 | ✓ |
| SrlComDriver_PreRxISDYNABR() | 0 | 0 | ✓ |

## Test Step Call Trace ✓

| Actual Function | Count | Expected Function | Count | Result |
|---|---|---|---|---|
| GetSystemTime_mS_u32 | 1 | GetSystemTime_mS_u32 | 1 | ✓ |
| Rte_Write_Cd_SrlComDriver_ISDYNABRMsg_Cnt_u08 | 1 | Rte_Write_Cd_SrlComDriver_ISDYNABRMsg_Cnt_u08 | 1 | ✓ |
| Rte_Write_Cd_SrlComDriver_ISDYNABRMsgRxTime_MSec_u32 | 1 | Rte_Write_Cd_SrlComDriver_ISDYNABRMsgRxTime_MSec_u32 | 1 | ✓ |

## Test Step 2.6 (Repeat Count = 1) ✓

| Name | Input Value |
|---|---|
| GetSystemTime_mS_u32(CurrentTime) | target_GetSystemTime_mS_u32_CurrentTime |
| rxStruct | target_rxStruct |
| target_GetSystemTime_mS_u32_CurrentTime | 229800192 |
| target_pChipData[0] | 0 |
| target_pChipData[1] | 0 |
| target_pChipData[2] | 0 |
| target_pChipData[3] | 0 |
| target_pChipData[4] | 0 |
| target_pChipData[5] | 0 |
| target_pChipData[6] | 0 |
| target_pChipData[7] | 0 |
| target_pChipMsgObj | 0 |
| target_rxStruct.pChipMsgObj | target_pChipMsgObj |
| target_rxStruct.pChipData | target_pChipData |

| Name | Actual Value | Expected Value | Result |
|---|---|---|---|
| ISDYNABRMsg_Cnt_u08[0] | 0 | 0 | ✓ |
| ISDYNABRMsg_Cnt_u08[1] | 0 | 0 | ✓ |
| ISDYNABRMsg_Cnt_u08[2] | 0 | 0 | ✓ |
| ISDYNABRMsg_Cnt_u08[3] | 0 | 0 | ✓ |
| ISDYNABRMsg_Cnt_u08[4] | 0 | 0 | ✓ |
| ISDYNABRMsg_Cnt_u08[5] | 0 | 0 | ✓ |
| ISDYNABRMsg_Cnt_u08[6] | 0 | 0 | ✓ |
| ISDYNABRMsg_Cnt_u08[7] | 0 | 0 | ✓ |
| Rte_Write_Cd_SrlComDriver_ISDYNABRMsgRxTime_MSec_u32(data) | 229800192 | 229800192 | ✓ |
| SrlComDriver_PreRxISDYNABR() | 0 | 0 | ✓ |

## Test Step Call Trace ✓

| Actual Function | Count | Expected Function | Count | Result |
|---|---|---|---|---|
| GetSystemTime_mS_u32 | 1 | GetSystemTime_mS_u32 | 1 | ✓ |
| Rte_Write_Cd_SrlComDriver_ISDYNABRMsg_Cnt_u08 | 1 | Rte_Write_Cd_SrlComDriver_ISDYNABRMsg_Cnt_u08 | 1 | ✓ |
| Rte_Write_Cd_SrlComDriver_ISDYNABRMsgRxTime_MSec_u32 | 1 | Rte_Write_Cd_SrlComDriver_ISDYNABRMsgRxTime_MSec_u32 | 1 | ✓ |

## Test Step 2.7 (Repeat Count = 1) ✓

| Name | Input Value |
|---|---|
| GetSystemTime_mS_u32(CurrentTime) | target_GetSystemTime_mS_u32_CurrentTime |
| rxStruct | target_rxStruct |
| target_GetSystemTime_mS_u32_CurrentTime | 2544588800 |
| target_pChipData[0] | 255 |
| target_pChipData[1] | 255 |
| target_pChipData[2] | 255 |
| target_pChipData[3] | 255 |
| target_pChipData[4] | 255 |
| target_pChipData[5] | 255 |
| target_pChipData[6] | 255 |
| target_pChipData[7] | 255 |
| target_pChipMsgObj | 2 |
| target_rxStruct.pChipMsgObj | target_pChipMsgObj |
| target_rxStruct.pChipData | target_pChipData |

| Name | Actual Value | Expected Value | Result |
|---|---|---|---|
| ISDYNABRMsg_Cnt_u08[0] | 255 | 255 | ✓ |
| ISDYNABRMsg_Cnt_u08[1] | 255 | 255 | ✓ |
| ISDYNABRMsg_Cnt_u08[2] | 255 | 255 | ✓ |
| ISDYNABRMsg_Cnt_u08[3] | 255 | 255 | ✓ |
| ISDYNABRMsg_Cnt_u08[4] | 255 | 255 | ✓ |

| Name | Actual Value | Expected Value | Result |
|------|--------------|----------------|--------|
| ISDYNABRMsg_Cnt_u08[5] | 255 | 255 | ✓ |
| ISDYNABRMsg_Cnt_u08[6] | 255 | 255 | ✓ |
| ISDYNABRMsg_Cnt_u08[7] | 255 | 255 | ✓ |
| Rte_Write_Cd_SrlComDriver_ISDYNABRMsgRxTime_MSec_u32(data) | 2544588800 | 2544588800 | ✓ |
| SrlComDriver_PreRxISDYNABR() | 0 | 0 | ✓ |

| **Test Step Call Trace** | | | | | ✓ |
|--------------------------|--|--|--|--|---|
| **Actual Function** | **Count** | **Expected Function** | | **Count** | **Result** |
| GetSystemTime_mS_u32 | 1 | GetSystemTime_mS_u32 | | 1 | ✓ |
| Rte_Write_Cd_SrlComDriver_ISDYNABRMsg_Cnt_u08 | 1 | Rte_Write_Cd_SrlComDriver_ISDYNABRMsg_Cnt_u08 | | 1 | ✓ |
| Rte_Write_Cd_SrlComDriver_ISDYNABRMsgRxTime_MSec_u32 | 1 | Rte_Write_Cd_SrlComDriver_ISDYNABRMsgRxTime_MSec_u32 | | 1 | ✓ |

| **Test Step 2.8 (Repeat Count = 1)** | | | | ✓ |
|--------------------------------------|--|--|--|---|
| **Name** | **Input Value** | | | |
| GetSystemTime_mS_u32(CurrentTime) | target_GetSystemTime_mS_u32_CurrentTime | | | |
| rxStruct | target_rxStruct | | | |
| target_GetSystemTime_mS_u32_CurrentTime | 229800192 | | | |
| target_pChipData[0] | 1 | | | |
| target_pChipData[1] | 61 | | | |
| target_pChipData[2] | 65 | | | |
| target_pChipData[3] | 72 | | | |
| target_pChipData[4] | 108 | | | |
| target_pChipData[5] | 140 | | | |
| target_pChipData[6] | 159 | | | |
| target_pChipData[7] | 172 | | | |
| target_pChipMsgObj | 1 | | | |
| target_rxStruct.pChipMsgObj | target_pChipMsgObj | | | |
| target_rxStruct.pChipData | target_pChipData | | | |
| **Name** | **Actual Value** | **Expected Value** | | **Result** |
| ISDYNABRMsg_Cnt_u08[0] | 1 | 1 | | ✓ |
| ISDYNABRMsg_Cnt_u08[1] | 61 | 61 | | ✓ |
| ISDYNABRMsg_Cnt_u08[2] | 65 | 65 | | ✓ |
| ISDYNABRMsg_Cnt_u08[3] | 72 | 72 | | ✓ |
| ISDYNABRMsg_Cnt_u08[4] | 108 | 108 | | ✓ |
| ISDYNABRMsg_Cnt_u08[5] | 140 | 140 | | ✓ |
| ISDYNABRMsg_Cnt_u08[6] | 159 | 159 | | ✓ |
| ISDYNABRMsg_Cnt_u08[7] | 172 | 172 | | ✓ |
| Rte_Write_Cd_SrlComDriver_ISDYNABRMsgRxTime_MSec_u32(data) | 229800192 | 229800192 | | ✓ |
| SrlComDriver_PreRxISDYNABR() | 0 | 0 | | ✓ |

| **Test Step Call Trace** | | | | | ✓ |
|--------------------------|--|--|--|--|---|
| **Actual Function** | **Count** | **Expected Function** | | **Count** | **Result** |
| GetSystemTime_mS_u32 | 1 | GetSystemTime_mS_u32 | | 1 | ✓ |
| Rte_Write_Cd_SrlComDriver_ISDYNABRMsg_Cnt_u08 | 1 | Rte_Write_Cd_SrlComDriver_ISDYNABRMsg_Cnt_u08 | | 1 | ✓ |
| Rte_Write_Cd_SrlComDriver_ISDYNABRMsgRxTime_MSec_u32 | 1 | Rte_Write_Cd_SrlComDriver_ISDYNABRMsgRxTime_MSec_u32 | | 1 | ✓ |

| **Test Step 2.9 (Repeat Count = 1)** | | | | ✓ |
|--------------------------------------|--|--|--|---|
| **Name** | **Input Value** | | | |
| GetSystemTime_mS_u32(CurrentTime) | target_GetSystemTime_mS_u32_CurrentTime | | | |
| rxStruct | target_rxStruct | | | |
| target_GetSystemTime_mS_u32_CurrentTime | 0 | | | |
| target_pChipData[0] | 5 | | | |
| target_pChipData[1] | 43 | | | |
| target_pChipData[2] | 44 | | | |
| target_pChipData[3] | 49 | | | |
| target_pChipData[4] | 127 | | | |
| target_pChipData[5] | 200 | | | |
| target_pChipData[6] | 242 | | | |
| target_pChipData[7] | 244 | | | |
| target_pChipMsgObj | 2 | | | |
| target_rxStruct.pChipMsgObj | target_pChipMsgObj | | | |
| target_rxStruct.pChipData | target_pChipData | | | |
| **Name** | **Actual Value** | **Expected Value** | | **Result** |
| ISDYNABRMsg_Cnt_u08[0] | 0 | 0 | | ✓ |
| ISDYNABRMsg_Cnt_u08[1] | 0 | 0 | | ✓ |
| ISDYNABRMsg_Cnt_u08[2] | 0 | 0 | | ✓ |

| Name | Actual Value | Expected Value | Result |
|---|---|---|---|
| ISDYNABRMsg_Cnt_u08[3] | 0 | 0 | ✔ |
| ISDYNABRMsg_Cnt_u08[4] | 0 | 0 | ✔ |
| ISDYNABRMsg_Cnt_u08[5] | 0 | 0 | ✔ |
| ISDYNABRMsg_Cnt_u08[6] | 0 | 0 | ✔ |
| ISDYNABRMsg_Cnt_u08[7] | 0 | 0 | ✔ |
| Rte_Write_Cd_SrlComDriver_ISDYNABRMsgRxTime_MSec_u32(data) | 0 | 0 | ✔ |
| SrlComDriver_PreRxISDYNABR() | 0 | 0 | ✔ |

### Test Step Call Trace ✔

| Actual Function | Count | Expected Function | Count | Result |
|---|---|---|---|---|
| GetSystemTime_mS_u32 | 1 | GetSystemTime_mS_u32 | 1 | ✔ |
| Rte_Write_Cd_SrlComDriver_ISDYNABRMsg_Cnt_u08 | 1 | Rte_Write_Cd_SrlComDriver_ISDYNABRMsg_Cnt_u08 | 1 | ✔ |
| Rte_Write_Cd_SrlComDriver_ISDYNABRMsgRxTime_MSec_u32 | 1 | Rte_Write_Cd_SrlComDriver_ISDYNABRMsgRxTime_MSec_u32 | 1 | ✔ |

### Test Step 2.10 (Repeat Count = 1) ✔

| Name | Input Value |
|---|---|
| GetSystemTime_mS_u32(CurrentTime) | target_GetSystemTime_mS_u32_CurrentTime |
| rxStruct | target_rxStruct |
| target_GetSystemTime_mS_u32_CurrentTime | 4294967295 |
| target_pChipData[0] | 15 |
| target_pChipData[1] | 24 |
| target_pChipData[2] | 27 |
| target_pChipData[3] | 35 |
| target_pChipData[4] | 54 |
| target_pChipData[5] | 126 |
| target_pChipData[6] | 151 |
| target_pChipData[7] | 184 |
| target_pChipMsgObj | 1 |
| target_rxStruct.pChipMsgObj | target_pChipMsgObj |
| target_rxStruct.pChipData | target_pChipData |

| Name | Actual Value | Expected Value | Result |
|---|---|---|---|
| ISDYNABRMsg_Cnt_u08[0] | 15 | 15 | ✔ |
| ISDYNABRMsg_Cnt_u08[1] | 24 | 24 | ✔ |
| ISDYNABRMsg_Cnt_u08[2] | 27 | 27 | ✔ |
| ISDYNABRMsg_Cnt_u08[3] | 35 | 35 | ✔ |
| ISDYNABRMsg_Cnt_u08[4] | 54 | 54 | ✔ |
| ISDYNABRMsg_Cnt_u08[5] | 126 | 126 | ✔ |
| ISDYNABRMsg_Cnt_u08[6] | 151 | 151 | ✔ |
| ISDYNABRMsg_Cnt_u08[7] | 184 | 184 | ✔ |
| Rte_Write_Cd_SrlComDriver_ISDYNABRMsgRxTime_MSec_u32(data) | 4294967295 | 4294967295 | ✔ |
| SrlComDriver_PreRxISDYNABR() | 0 | 0 | ✔ |

### Test Step Call Trace ✔

| Actual Function | Count | Expected Function | Count | Result |
|---|---|---|---|---|
| GetSystemTime_mS_u32 | 1 | GetSystemTime_mS_u32 | 1 | ✔ |
| Rte_Write_Cd_SrlComDriver_ISDYNABRMsg_Cnt_u08 | 1 | Rte_Write_Cd_SrlComDriver_ISDYNABRMsg_Cnt_u08 | 1 | ✔ |
| Rte_Write_Cd_SrlComDriver_ISDYNABRMsgRxTime_MSec_u32 | 1 | Rte_Write_Cd_SrlComDriver_ISDYNABRMsgRxTime_MSec_u32 | 1 | ✔ |

### Test Step 2.11 (Repeat Count = 1) ✔

| Name | Input Value |
|---|---|
| GetSystemTime_mS_u32(CurrentTime) | target_GetSystemTime_mS_u32_CurrentTime |
| rxStruct | target_rxStruct |
| target_GetSystemTime_mS_u32_CurrentTime | 1199764992 |
| target_pChipData[0] | 71 |
| target_pChipData[1] | 114 |
| target_pChipData[2] | 139 |
| target_pChipData[3] | 169 |
| target_pChipData[4] | 179 |
| target_pChipData[5] | 215 |
| target_pChipData[6] | 230 |
| target_pChipData[7] | 241 |
| target_pChipMsgObj | 0 |
| target_rxStruct.pChipMsgObj | target_pChipMsgObj |
| target_rxStruct.pChipData | target_pChipData |

| Name | Actual Value | Expected Value | Result |
|---|---|---|---|
| ISDYNABRMsg_Cnt_u08[0] | 71 | 71 | ✔ |

| Name | Actual Value | Expected Value | Result |
|---|---|---|---|
| ISDYNABRMsg_Cnt_u08[1] | 114 | 114 | ✔ |
| ISDYNABRMsg_Cnt_u08[2] | 139 | 139 | ✔ |
| ISDYNABRMsg_Cnt_u08[3] | 169 | 169 | ✔ |
| ISDYNABRMsg_Cnt_u08[4] | 179 | 179 | ✔ |
| ISDYNABRMsg_Cnt_u08[5] | 215 | 215 | ✔ |
| ISDYNABRMsg_Cnt_u08[6] | 0 | 0 | ✔ |
| ISDYNABRMsg_Cnt_u08[7] | 0 | 0 | ✔ |
| Rte_Write_Cd_SrlComDriver_ISDYNABRMsgRxTime_MSec_u32(data) | 1199764992 | 1199764992 | ✔ |
| SrlComDriver_PreRxISDYNABR() | 0 | 0 | ✔ |

| *Test Step Call Trace* | | | | ✔ |
|---|---|---|---|---|
| **Actual Function** | **Count** | **Expected Function** | **Count** | **Result** |
| GetSystemTime_mS_u32 | 1 | GetSystemTime_mS_u32 | 1 | ✔ |
| Rte_Write_Cd_SrlComDriver_ISDYNABRMsg_Cnt_u08 | 1 | Rte_Write_Cd_SrlComDriver_ISDYNABRMsg_Cnt_u08 | 1 | ✔ |
| Rte_Write_Cd_SrlComDriver_ISDYNABRMsgRxTime_MSec_u32 | 1 | Rte_Write_Cd_SrlComDriver_ISDYNABRMsgRxTime_MSec_u32 | 1 | ✔ |

| | |
|---|---|
| **Project** | SrlComDriver |
| **Module** | SrlComDriver |
| **Test Object** | SrlComDriver_PreRxISDYNVOL |

## Instrumentation: Test Object Only

| | |
|---|---|
| **Statement (C0) Coverage** | 100 % |
| **Decision Coverage** | 100 % |
| **Branch (C1) Coverage** | 100 % |
| **MC/DC Coverage** | 100 % |

## Statistics

| | | |
|---|---|---|
| **Total Testcases** | 2 | |
| **Successful** | 2 | ✔ |
| **Failed** | 0 | |
| **Not Executed** | 0 | |

## Module Properties

| | |
|---|---|
| **Project Root Directory** | D:\Synergy_Work_Area_3.0\Task_EA3_20106_PSA_CMP_05.03.00_SrlComDriver |
| **Configuration File** | $(PROJECTROOT)\tessy\config\configuration.xml |
| **Target Environment** | GNU GCC GNU GVD (Default) |
| **Kind of Test** | Unit Test |
| **Linker Options** | |
| **Source File(s)** | |
| **File** | $(PROJECTROOT)\SrlComDriver\src\Cd_SrlComDriver.c |
| **Compiler Options** | -DSKIP_MAGIC_NUMBER= -D_DATA_ACCESS= -D__inline= -D_extern= -Dconst= -Dstatic= -I$(PROJECTROOT)\Contract_modified -I$(PROJECTROOT)\NxtrLib\include -I$(PROJECTROOT)\StdDef\include -I$(ProgramFiles)\Texas Instruments\ccsv4\tools\compiler\tms470_4.9.5\include |

| Attributes | |
|---|---|
| **Name** | **Value** |
| Compiler Install Path | $(ProgramFiles)\Texas Instruments\ccsv4\tools\compiler\tms470_4.9.5\include |
| Float Precision | 9 |

| Comments/Description/Specification | |
|---|---|
| **Name** | **Text** |
| Module 'SrlComDriver' | ************************************Unit Test Information**********************************<br>Name of Tester:Divya Jape<br>Code File(s) Under Test:Cd_SrlComDriver.c<br>Code File(s) Version:15<br>Module Design Document:SrlComDriver_MDD.doc<br>Module Design Document Version:7<br>Data Dictionary Version:11<br>Unit Test Plan Version:5<br>Optimization Level:Ogeneral<br>Compiler (CodeGen) Version:TMS470_4.9.5<br>Model Type:None<br>Model Version:Nexteer EPS Unit Test Tool 1.0<br>Total FLASH Used (Bytes):4846<br>Total RAM Used (Bytes):75<br>Total CALS Used (Bytes):3<br>Special Test Requirements:NA<br>Test Date:5/24/2018<br>Comments: Note 1: "CBD_Sandbox_dbg.map" MAP file embedded for reference.<br>Note 2: Inline functions in GlobalMacro.h are not unit tested.<br>Note 3: For Functions 'SrlComDriver_PreRxISDYNAAS', 'SrlComDriver_PreRxISDYNABR', 'SrlComDriver_PreRxISDYNVOL', 'SrlComDriver_PreRxISDAT4V2BSI552' and<br>'SrlComDriver_PreRxPROTOHS1DYNUCF5CD' only SIL report is generated because of the interface issue.<br>**************************************************************************************** |

## Test Case 1: Metric Test  ✔

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

TS1.1 34.00 Cycles
TS1.2 1689.00 Cycles
```

**Description**  Vector Description

TS1.1 Shortest Execution Path
if(CAVHCSelected_Cnt_M_lgc == TRUE)=>F

TS1.2 Longest Execution Path
if(CAVHCSelected_Cnt_M_lgc == TRUE)=>T
for( i = 0u; i < DLC_Cnt_T_u08; i++ )=>T
for( i = 0u; i < 8u; i++ )=>T

### Test Step 1.1 (Repeat Count = 1)  ✔

| Name | Input Value |
| --- | --- |
| CAVHCSelected_Cnt_M_lgc | 0 |
| GetSystemTime_mS_u32(CurrentTime) | target_GetSystemTime_mS_u32_CurrentTime |
| rxStruct | target_rxStruct |
| target_GetSystemTime_mS_u32_CurrentTime | 0 |
| target_pChipData | 205 |
| target_pChipMsgObj | 1 |
| target_rxStruct.pChipMsgObj | target_pChipMsgObj |
| target_rxStruct.pChipData | target_pChipData |

| Name | Actual Value | Expected Value | Result |
| --- | --- | --- | --- |
| ISDYNVOLMsg_Cnt_u08[0] | 0 | 0 | ✔ |
| ISDYNVOLMsg_Cnt_u08[1] | 0 | 0 | ✔ |
| ISDYNVOLMsg_Cnt_u08[2] | 0 | 0 | ✔ |
| ISDYNVOLMsg_Cnt_u08[3] | 0 | 0 | ✔ |
| ISDYNVOLMsg_Cnt_u08[4] | 0 | 0 | ✔ |
| ISDYNVOLMsg_Cnt_u08[5] | 0 | 0 | ✔ |
| ISDYNVOLMsg_Cnt_u08[6] | 0 | 0 | ✔ |
| ISDYNVOLMsg_Cnt_u08[7] | 0 | 0 | ✔ |
| Rte_Write_Cd_SrlComDriver_ISDYNVOLMsgRxTime_MSec_u32(data) | 0 | 0 | ✔ |
| SrlComDriver_PreRxISDYNVOL() | 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 |
| --- | --- |
| CAVHCSelected_Cnt_M_lgc | 1 |
| GetSystemTime_mS_u32(CurrentTime) | target_GetSystemTime_mS_u32_CurrentTime |
| rxStruct | target_rxStruct |
| target_GetSystemTime_mS_u32_CurrentTime | 4294967295 |
| target_pChipData | 244 |
| target_pChipMsgObj | 2 |
| target_rxStruct.pChipMsgObj | target_pChipMsgObj |
| target_rxStruct.pChipData | target_pChipData |

| Name | Actual Value | Expected Value | Result |
| --- | --- | --- | --- |
| ISDYNVOLMsg_Cnt_u08[0] | 244 | 244 | ✔ |
| ISDYNVOLMsg_Cnt_u08[1] | 0 | 0 | ✔ |
| ISDYNVOLMsg_Cnt_u08[2] | 0 | 0 | ✔ |
| ISDYNVOLMsg_Cnt_u08[3] | 255 | 255 | ✔ |
| ISDYNVOLMsg_Cnt_u08[4] | 255 | 255 | ✔ |
| ISDYNVOLMsg_Cnt_u08[5] | 255 | 255 | ✔ |
| ISDYNVOLMsg_Cnt_u08[6] | 255 | 255 | ✔ |
| ISDYNVOLMsg_Cnt_u08[7] | 0 | 0 | ✔ |
| Rte_Write_Cd_SrlComDriver_ISDYNVOLMsgRxTime_MSec_u32(data) | 536870912 | 536870912 | ✔ |
| SrlComDriver_PreRxISDYNVOL() | 0 | 0 | ✔ |

## Test Step Call Trace ✔

| Actual Function | Count | Expected Function | Count | Result |
|---|---|---|---|---|
| GetSystemTime_mS_u32 | 1 | GetSystemTime_mS_u32 | 1 | ✔ |
| Rte_Write_Cd_SrlComDriver_ISDYNVOLMsg_Cnt_u08 | 1 | Rte_Write_Cd_SrlComDriver_ISDYNVOLMsg_Cnt_u08 | 1 | ✔ |
| Rte_Write_Cd_SrlComDriver_ISDYNVOLMsgRxTime_MSec_u32 | 1 | Rte_Write_Cd_SrlComDriver_ISDYNVOLMsgRxTime_MSec_u32 | 1 | ✔ |

## Test Case 2: Range Test ✔

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

TS2.1 27.00 Cycles
TS2.2 1678.00 Cycles
TS2.3 27.00 Cycles
TS2.4 27.00 Cycles
TS2.5 27.00 Cycles
TS2.6 27.00 Cycles
TS2.7 27.00 Cycles
TS2.8 27.00 Cycles
TS2.9 27.00 Cycles
TS2.10 27.00 Cycles
TS2.11 1693.00 Cycles
TS2.12 1693.00 Cycles
TS2.13 34.00 Cycles
```

**Description**    Vector Description

TS2.1All Min
TS2.2All Max
TS2.3CAVHCSelected_Cnt_M_lgc==>Min
TS2.4CAVHCSelected_Cnt_M_lgc==>Max
TS2.5rxStruct.pChipMsgObj==>Min
TS2.6rxStruct.pChipMsgObj==>Max
TS2.7rxStruct.pChipMsgObj==>Pos
TS2.8rxStruct.pChipData[8]==>Min
TS2.9rxStruct.pChipData[8]==>Max
TS2.10rxStruct.pChipData[8]==>Pos
TS2.11GetSystemTime_mS_u32==>Min
TS2.12GetSystemTime_mS_u32==>Max
TS2.13GetSystemTime_mS_u32==>Pos

## Test Step 2.1 (Repeat Count = 1) ✔

| Name | Input Value |
|---|---|
| CAVHCSelected_Cnt_M_lgc | 0 |
| GetSystemTime_mS_u32(CurrentTime) | target_GetSystemTime_mS_u32_CurrentTime |
| rxStruct | target_rxStruct |
| target_GetSystemTime_mS_u32_CurrentTime | 0 |
| target_pChipData | 0 |
| target_pChipMsgObj | 0 |
| target_rxStruct.pChipMsgObj | target_pChipMsgObj |
| target_rxStruct.pChipData | target_pChipData |

| Name | Actual Value | Expected Value | Result |
|---|---|---|---|
| ISDYNVOLMsg_Cnt_u08[0] | 0 | 0 | ✔ |
| ISDYNVOLMsg_Cnt_u08[1] | 0 | 0 | ✔ |
| ISDYNVOLMsg_Cnt_u08[2] | 0 | 0 | ✔ |
| ISDYNVOLMsg_Cnt_u08[3] | 0 | 0 | ✔ |
| ISDYNVOLMsg_Cnt_u08[4] | 0 | 0 | ✔ |
| ISDYNVOLMsg_Cnt_u08[5] | 0 | 0 | ✔ |
| ISDYNVOLMsg_Cnt_u08[6] | 0 | 0 | ✔ |
| ISDYNVOLMsg_Cnt_u08[7] | 0 | 0 | ✔ |
| Rte_Write_Cd_SrlComDriver_ISDYNVOLMsgRxTime_MSec_u32(data) | 0 | 0 | ✔ |
| SrlComDriver_PreRxISDYNVOL() | 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 |
|---|---|
| CAVHCSelected_Cnt_M_lgc | 1 |
| GetSystemTime_mS_u32(CurrentTime) | target_GetSystemTime_mS_u32_CurrentTime |
| rxStruct | target_rxStruct |
| target_GetSystemTime_mS_u32_CurrentTime | 4294967295 |
| target_pChipData | 255 |

| Name | Input Value | | | |
|------|-------------|--|--|--|
| target_pChipMsgObj | 3 | | | |
| target_rxStruct.pChipMsgObj | target_pChipMsgObj | | | |
| target_rxStruct.pChipData | target_pChipData | | | |

| Name | Actual Value | Expected Value | Result |
|------|-------------|----------------|--------|
| ISDYNVOLMsg_Cnt_u08[0] | 255 | 255 | ✔ |
| ISDYNVOLMsg_Cnt_u08[1] | 0 | 0 | ✔ |
| ISDYNVOLMsg_Cnt_u08[2] | 0 | 0 | ✔ |
| ISDYNVOLMsg_Cnt_u08[3] | 255 | 255 | ✔ |
| ISDYNVOLMsg_Cnt_u08[4] | 255 | 255 | ✔ |
| ISDYNVOLMsg_Cnt_u08[5] | 255 | 255 | ✔ |
| ISDYNVOLMsg_Cnt_u08[6] | 255 | 255 | ✔ |
| ISDYNVOLMsg_Cnt_u08[7] | 0 | 0 | ✔ |
| Rte_Write_Cd_SrlComDriver_ISDYNVOLMsgRxTime_MSec_u32(data) | 536870912 | 536870912 | ✔ |
| SrlComDriver_PreRxISDYNVOL() | 0 | 0 | ✔ |

### Test Step Call Trace ✔

| Actual Function | Count | Expected Function | Count | Result |
|-----------------|-------|-------------------|-------|--------|
| GetSystemTime_mS_u32 | 1 | GetSystemTime_mS_u32 | 1 | ✔ |
| Rte_Write_Cd_SrlComDriver_ISDYNVOLMsg_Cnt_u08 | 1 | Rte_Write_Cd_SrlComDriver_ISDYNVOLMsg_Cnt_u08 | 1 | ✔ |
| Rte_Write_Cd_SrlComDriver_ISDYNVOLMsgRxTime_MSec_u32 | 1 | Rte_Write_Cd_SrlComDriver_ISDYNVOLMsgRxTime_MSec_u32 | 1 | ✔ |

### Test Step 2.3 (Repeat Count = 1) ✔

| Name | Input Value |
|------|-------------|
| CAVHCSelected_Cnt_M_lgc | 0 |
| GetSystemTime_mS_u32(CurrentTime) | target_GetSystemTime_mS_u32_CurrentTime |
| rxStruct | target_rxStruct |
| target_GetSystemTime_mS_u32_CurrentTime | 87567 |
| target_pChipData | 55 |
| target_pChipMsgObj | 3 |
| target_rxStruct.pChipMsgObj | target_pChipMsgObj |
| target_rxStruct.pChipData | target_pChipData |

| Name | Actual Value | Expected Value | Result |
|------|-------------|----------------|--------|
| ISDYNVOLMsg_Cnt_u08[0] | 255 | 255 | ✔ |
| ISDYNVOLMsg_Cnt_u08[1] | 0 | 0 | ✔ |
| ISDYNVOLMsg_Cnt_u08[2] | 0 | 0 | ✔ |
| ISDYNVOLMsg_Cnt_u08[3] | 255 | 255 | ✔ |
| ISDYNVOLMsg_Cnt_u08[4] | 255 | 255 | ✔ |
| ISDYNVOLMsg_Cnt_u08[5] | 255 | 255 | ✔ |
| ISDYNVOLMsg_Cnt_u08[6] | 255 | 255 | ✔ |
| ISDYNVOLMsg_Cnt_u08[7] | 0 | 0 | ✔ |
| Rte_Write_Cd_SrlComDriver_ISDYNVOLMsgRxTime_MSec_u32(data) | 536870912 | 536870912 | ✔ |
| SrlComDriver_PreRxISDYNVOL() | 0 | 0 | ✔ |

### Test Step Call Trace ✔

| Actual Function | Count | Expected Function | Count | Result |
|-----------------|-------|-------------------|-------|--------|
| *none* | 0 | *** No Call Expected *** | 0 | ✔ |

### Test Step 2.4 (Repeat Count = 1) ✔

| Name | Input Value |
|------|-------------|
| CAVHCSelected_Cnt_M_lgc | 1 |
| GetSystemTime_mS_u32(CurrentTime) | target_GetSystemTime_mS_u32_CurrentTime |
| rxStruct | target_rxStruct |
| target_GetSystemTime_mS_u32_CurrentTime | 965346 |
| target_pChipData | 222 |
| target_pChipMsgObj | 2 |
| target_rxStruct.pChipMsgObj | target_pChipMsgObj |
| target_rxStruct.pChipData | target_pChipData |

| Name | Actual Value | Expected Value | Result |
|------|-------------|----------------|--------|
| ISDYNVOLMsg_Cnt_u08[0] | 222 | 222 | ✔ |
| ISDYNVOLMsg_Cnt_u08[1] | 0 | 0 | ✔ |
| ISDYNVOLMsg_Cnt_u08[2] | 0 | 0 | ✔ |
| ISDYNVOLMsg_Cnt_u08[3] | 226 | 226 | ✔ |
| ISDYNVOLMsg_Cnt_u08[4] | 186 | 186 | ✔ |
| ISDYNVOLMsg_Cnt_u08[5] | 14 | 14 | ✔ |
| ISDYNVOLMsg_Cnt_u08[6] | 0 | 0 | ✔ |
| ISDYNVOLMsg_Cnt_u08[7] | 0 | 0 | ✔ |

| Name | Actual Value | Expected Value | Result |
|---|---|---|---|
| Rte_Write_Cd_SrlComDriver_ISDYNVOLMsgRxTime_MSec_u32(data) | 917504 | 917504 | ✔ |
| SrlComDriver_PreRxISDYNVOL() | 0 | 0 | ✔ |

## Test Step Call Trace ✔

| Actual Function | Count | Expected Function | Count | Result |
|---|---|---|---|---|
| GetSystemTime_mS_u32 | 1 | GetSystemTime_mS_u32 | 1 | ✔ |
| Rte_Write_Cd_SrlComDriver_ISDYNVOLMsg_Cnt_u08 | 1 | Rte_Write_Cd_SrlComDriver_ISDYNVOLMsg_Cnt_u08 | 1 | ✔ |
| Rte_Write_Cd_SrlComDriver_ISDYNVOLMsgRxTime_MSec_u32 | 1 | Rte_Write_Cd_SrlComDriver_ISDYNVOLMsgRxTime_MSec_u32 | 1 | ✔ |

## Test Step 2.5 (Repeat Count = 1) ✔

| Name | Input Value |
|---|---|
| CAVHCSelected_Cnt_M_lgc | 0 |
| GetSystemTime_mS_u32(CurrentTime) | target_GetSystemTime_mS_u32_CurrentTime |
| rxStruct | target_rxStruct |
| target_GetSystemTime_mS_u32_CurrentTime | 87965465 |
| target_pChipData | 90 |
| target_pChipMsgObj | 0 |
| target_rxStruct.pChipMsgObj | target_pChipMsgObj |
| target_rxStruct.pChipData | target_pChipData |

| Name | Actual Value | Expected Value | Result |
|---|---|---|---|
| ISDYNVOLMsg_Cnt_u08[0] | 222 | 222 | ✔ |
| ISDYNVOLMsg_Cnt_u08[1] | 0 | 0 | ✔ |
| ISDYNVOLMsg_Cnt_u08[2] | 0 | 0 | ✔ |
| ISDYNVOLMsg_Cnt_u08[3] | 226 | 226 | ✔ |
| ISDYNVOLMsg_Cnt_u08[4] | 186 | 186 | ✔ |
| ISDYNVOLMsg_Cnt_u08[5] | 14 | 14 | ✔ |
| ISDYNVOLMsg_Cnt_u08[6] | 0 | 0 | ✔ |
| ISDYNVOLMsg_Cnt_u08[7] | 0 | 0 | ✔ |
| Rte_Write_Cd_SrlComDriver_ISDYNVOLMsgRxTime_MSec_u32(data) | 917504 | 917504 | ✔ |
| SrlComDriver_PreRxISDYNVOL() | 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 |
|---|---|
| CAVHCSelected_Cnt_M_lgc | 0 |
| GetSystemTime_mS_u32(CurrentTime) | target_GetSystemTime_mS_u32_CurrentTime |
| rxStruct | target_rxStruct |
| target_GetSystemTime_mS_u32_CurrentTime | 87964565 |
| target_pChipData | 33 |
| target_pChipMsgObj | 3 |
| target_rxStruct.pChipMsgObj | target_pChipMsgObj |
| target_rxStruct.pChipData | target_pChipData |

| Name | Actual Value | Expected Value | Result |
|---|---|---|---|
| ISDYNVOLMsg_Cnt_u08[0] | 222 | 222 | ✔ |
| ISDYNVOLMsg_Cnt_u08[1] | 0 | 0 | ✔ |
| ISDYNVOLMsg_Cnt_u08[2] | 0 | 0 | ✔ |
| ISDYNVOLMsg_Cnt_u08[3] | 226 | 226 | ✔ |
| ISDYNVOLMsg_Cnt_u08[4] | 186 | 186 | ✔ |
| ISDYNVOLMsg_Cnt_u08[5] | 14 | 14 | ✔ |
| ISDYNVOLMsg_Cnt_u08[6] | 0 | 0 | ✔ |
| ISDYNVOLMsg_Cnt_u08[7] | 0 | 0 | ✔ |
| Rte_Write_Cd_SrlComDriver_ISDYNVOLMsgRxTime_MSec_u32(data) | 917504 | 917504 | ✔ |
| SrlComDriver_PreRxISDYNVOL() | 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 | | |
|---|---|---|---|
| CAVHCSelected_Cnt_M_lgc | 0 | | |
| GetSystemTime_mS_u32(CurrentTime) | target_GetSystemTime_mS_u32_CurrentTime | | |
| rxStruct | target_rxStruct | | |
| target_GetSystemTime_mS_u32_CurrentTime | 879654354 | | |
| target_pChipData | 69 | | |
| target_pChipMsgObj | 2 | | |
| target_rxStruct.pChipMsgObj | target_pChipMsgObj | | |
| target_rxStruct.pChipData | target_pChipData | | |

| Name | Actual Value | Expected Value | Result |
|---|---|---|---|
| ISDYNVOLMsg_Cnt_u08[0] | 222 | 222 | ✓ |
| ISDYNVOLMsg_Cnt_u08[1] | 0 | 0 | ✓ |
| ISDYNVOLMsg_Cnt_u08[2] | 0 | 0 | ✓ |
| ISDYNVOLMsg_Cnt_u08[3] | 226 | 226 | ✓ |
| ISDYNVOLMsg_Cnt_u08[4] | 186 | 186 | ✓ |
| ISDYNVOLMsg_Cnt_u08[5] | 14 | 14 | ✓ |
| ISDYNVOLMsg_Cnt_u08[6] | 0 | 0 | ✓ |
| ISDYNVOLMsg_Cnt_u08[7] | 0 | 0 | ✓ |
| Rte_Write_Cd_SrlComDriver_ISDYNVOLMsgRxTime_MSec_u32(data) | 917504 | 917504 | ✓ |
| SrlComDriver_PreRxISDYNVOL() | 0 | 0 | ✓ |

### *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 | | |
|---|---|---|---|
| CAVHCSelected_Cnt_M_lgc | 0 | | |
| GetSystemTime_mS_u32(CurrentTime) | target_GetSystemTime_mS_u32_CurrentTime | | |
| rxStruct | target_rxStruct | | |
| target_GetSystemTime_mS_u32_CurrentTime | 4543654 | | |
| target_pChipData | 0 | | |
| target_pChipMsgObj | 3 | | |
| target_rxStruct.pChipMsgObj | target_pChipMsgObj | | |
| target_rxStruct.pChipData | target_pChipData | | |

| Name | Actual Value | Expected Value | Result |
|---|---|---|---|
| ISDYNVOLMsg_Cnt_u08[0] | 222 | 222 | ✓ |
| ISDYNVOLMsg_Cnt_u08[1] | 0 | 0 | ✓ |
| ISDYNVOLMsg_Cnt_u08[2] | 0 | 0 | ✓ |
| ISDYNVOLMsg_Cnt_u08[3] | 226 | 226 | ✓ |
| ISDYNVOLMsg_Cnt_u08[4] | 186 | 186 | ✓ |
| ISDYNVOLMsg_Cnt_u08[5] | 14 | 14 | ✓ |
| ISDYNVOLMsg_Cnt_u08[6] | 0 | 0 | ✓ |
| ISDYNVOLMsg_Cnt_u08[7] | 0 | 0 | ✓ |
| Rte_Write_Cd_SrlComDriver_ISDYNVOLMsgRxTime_MSec_u32(data) | 917504 | 917504 | ✓ |
| SrlComDriver_PreRxISDYNVOL() | 0 | 0 | ✓ |

### *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 | | |
|---|---|---|---|
| CAVHCSelected_Cnt_M_lgc | 0 | | |
| GetSystemTime_mS_u32(CurrentTime) | target_GetSystemTime_mS_u32_CurrentTime | | |
| rxStruct | target_rxStruct | | |
| target_GetSystemTime_mS_u32_CurrentTime | 754578675 | | |
| target_pChipData | 255 | | |
| target_pChipMsgObj | 3 | | |
| target_rxStruct.pChipMsgObj | target_pChipMsgObj | | |
| target_rxStruct.pChipData | target_pChipData | | |

| Name | Actual Value | Expected Value | Result |
|---|---|---|---|
| ISDYNVOLMsg_Cnt_u08[0] | 222 | 222 | ✓ |
| ISDYNVOLMsg_Cnt_u08[1] | 0 | 0 | ✓ |

| Name | Actual Value | Expected Value | Result |
|---|---|---|---|
| ISDYNVOLMsg_Cnt_u08[2] | 0 | 0 | ✔ |
| ISDYNVOLMsg_Cnt_u08[3] | 226 | 226 | ✔ |
| ISDYNVOLMsg_Cnt_u08[4] | 186 | 186 | ✔ |
| ISDYNVOLMsg_Cnt_u08[5] | 14 | 14 | ✔ |
| ISDYNVOLMsg_Cnt_u08[6] | 0 | 0 | ✔ |
| ISDYNVOLMsg_Cnt_u08[7] | 0 | 0 | ✔ |
| Rte_Write_Cd_SrlComDriver_ISDYNVOLMsgRxTime_MSec_u32(data) | 917504 | 917504 | ✔ |
| SrlComDriver_PreRxISDYNVOL() | 0 | 0 | ✔ |

### Test Step Call Trace ✔

| Actual Function | Count | Expected Function | Count | Result |
|---|---|---|---|---|
| *none* | 0 | *** No Call Expected *** | 0 | ✔ |

### Test Step 2.10 (Repeat Count = 1) ✔

| Name | Input Value |
|---|---|
| CAVHCSelected_Cnt_M_lgc | 0 |
| GetSystemTime_mS_u32(CurrentTime) | target_GetSystemTime_mS_u32_CurrentTime |
| rxStruct | target_rxStruct |
| target_GetSystemTime_mS_u32_CurrentTime | 896786 |
| target_pChipData | 216 |
| target_pChipMsgObj | 1 |
| target_rxStruct.pChipMsgObj | target_pChipMsgObj |
| target_rxStruct.pChipData | target_pChipData |

| Name | Actual Value | Expected Value | Result |
|---|---|---|---|
| ISDYNVOLMsg_Cnt_u08[0] | 222 | 222 | ✔ |
| ISDYNVOLMsg_Cnt_u08[1] | 0 | 0 | ✔ |
| ISDYNVOLMsg_Cnt_u08[2] | 0 | 0 | ✔ |
| ISDYNVOLMsg_Cnt_u08[3] | 226 | 226 | ✔ |
| ISDYNVOLMsg_Cnt_u08[4] | 186 | 186 | ✔ |
| ISDYNVOLMsg_Cnt_u08[5] | 14 | 14 | ✔ |
| ISDYNVOLMsg_Cnt_u08[6] | 0 | 0 | ✔ |
| ISDYNVOLMsg_Cnt_u08[7] | 0 | 0 | ✔ |
| Rte_Write_Cd_SrlComDriver_ISDYNVOLMsgRxTime_MSec_u32(data) | 917504 | 917504 | ✔ |
| SrlComDriver_PreRxISDYNVOL() | 0 | 0 | ✔ |

### Test Step Call Trace ✔

| Actual Function | Count | Expected Function | Count | Result |
|---|---|---|---|---|
| *none* | 0 | *** No Call Expected *** | 0 | ✔ |

### Test Step 2.11 (Repeat Count = 1) ✔

| Name | Input Value |
|---|---|
| CAVHCSelected_Cnt_M_lgc | 1 |
| GetSystemTime_mS_u32(CurrentTime) | target_GetSystemTime_mS_u32_CurrentTime |
| rxStruct | target_rxStruct |
| target_GetSystemTime_mS_u32_CurrentTime | 0 |
| target_pChipData | 70 |
| target_pChipMsgObj | 3 |
| target_rxStruct.pChipMsgObj | target_pChipMsgObj |
| target_rxStruct.pChipData | target_pChipData |

| Name | Actual Value | Expected Value | Result |
|---|---|---|---|
| ISDYNVOLMsg_Cnt_u08[0] | 0 | 0 | ✔ |
| ISDYNVOLMsg_Cnt_u08[1] | 0 | 0 | ✔ |
| ISDYNVOLMsg_Cnt_u08[2] | 0 | 0 | ✔ |
| ISDYNVOLMsg_Cnt_u08[3] | 0 | 0 | ✔ |
| ISDYNVOLMsg_Cnt_u08[4] | 0 | 0 | ✔ |
| ISDYNVOLMsg_Cnt_u08[5] | 0 | 0 | ✔ |
| ISDYNVOLMsg_Cnt_u08[6] | 0 | 0 | ✔ |
| ISDYNVOLMsg_Cnt_u08[7] | 0 | 0 | ✔ |
| Rte_Write_Cd_SrlComDriver_ISDYNVOLMsgRxTime_MSec_u32(data) | 0 | 0 | ✔ |
| SrlComDriver_PreRxISDYNVOL() | 0 | 0 | ✔ |

## Test Step Call Trace

| Actual Function | Count | Expected Function | Count | Result |
|---|---|---|---|---|
| GetSystemTime_mS_u32 | 1 | GetSystemTime_mS_u32 | 1 | ✔ |
| Rte_Write_Cd_SrlComDriver_ISDYNVOLMsg_Cnt_u08 | 1 | Rte_Write_Cd_SrlComDriver_ISDYNVOLMsg_Cnt_u08 | 1 | ✔ |
| Rte_Write_Cd_SrlComDriver_ISDYNVOLMsgRxTime_MSec_u32 | 1 | Rte_Write_Cd_SrlComDriver_ISDYNVOLMsgRxTime_MSec_u32 | 1 | ✔ |

## Test Step 2.12 (Repeat Count = 1)

| Name | Input Value |
|---|---|
| CAVHCSelected_Cnt_M_lgc | 1 |
| GetSystemTime_mS_u32(CurrentTime) | target_GetSystemTime_mS_u32_CurrentTime |
| rxStruct | target_rxStruct |
| target_GetSystemTime_mS_u32_CurrentTime | 4294967295 |
| target_pChipData | 15 |
| target_pChipMsgObj | 3 |
| target_rxStruct.pChipMsgObj | target_pChipMsgObj |
| target_rxStruct.pChipData | target_pChipData |

| Name | Actual Value | Expected Value | Result |
|---|---|---|---|
| ISDYNVOLMsg_Cnt_u08[0] | 15 | 15 | ✔ |
| ISDYNVOLMsg_Cnt_u08[1] | 0 | 0 | ✔ |
| ISDYNVOLMsg_Cnt_u08[2] | 0 | 0 | ✔ |
| ISDYNVOLMsg_Cnt_u08[3] | 255 | 255 | ✔ |
| ISDYNVOLMsg_Cnt_u08[4] | 255 | 255 | ✔ |
| ISDYNVOLMsg_Cnt_u08[5] | 255 | 255 | ✔ |
| ISDYNVOLMsg_Cnt_u08[6] | 255 | 255 | ✔ |
| ISDYNVOLMsg_Cnt_u08[7] | 0 | 0 | ✔ |
| Rte_Write_Cd_SrlComDriver_ISDYNVOLMsgRxTime_MSec_u32(data) | 536870912 | 536870912 | ✔ |
| SrlComDriver_PreRxISDYNVOL() | 0 | 0 | ✔ |

## Test Step Call Trace

| Actual Function | Count | Expected Function | Count | Result |
|---|---|---|---|---|
| GetSystemTime_mS_u32 | 1 | GetSystemTime_mS_u32 | 1 | ✔ |
| Rte_Write_Cd_SrlComDriver_ISDYNVOLMsg_Cnt_u08 | 1 | Rte_Write_Cd_SrlComDriver_ISDYNVOLMsg_Cnt_u08 | 1 | ✔ |
| Rte_Write_Cd_SrlComDriver_ISDYNVOLMsgRxTime_MSec_u32 | 1 | Rte_Write_Cd_SrlComDriver_ISDYNVOLMsgRxTime_MSec_u32 | 1 | ✔ |

## Test Step 2.13 (Repeat Count = 1)

| Name | Input Value |
|---|---|
| CAVHCSelected_Cnt_M_lgc | 0 |
| GetSystemTime_mS_u32(CurrentTime) | target_GetSystemTime_mS_u32_CurrentTime |
| rxStruct | target_rxStruct |
| target_GetSystemTime_mS_u32_CurrentTime | 5646 |
| target_pChipData | 221 |
| target_pChipMsgObj | 2 |
| target_rxStruct.pChipMsgObj | target_pChipMsgObj |
| target_rxStruct.pChipData | target_pChipData |

| Name | Actual Value | Expected Value | Result |
|---|---|---|---|
| ISDYNVOLMsg_Cnt_u08[0] | 15 | 15 | ✔ |
| ISDYNVOLMsg_Cnt_u08[1] | 0 | 0 | ✔ |
| ISDYNVOLMsg_Cnt_u08[2] | 0 | 0 | ✔ |
| ISDYNVOLMsg_Cnt_u08[3] | 255 | 255 | ✔ |
| ISDYNVOLMsg_Cnt_u08[4] | 255 | 255 | ✔ |
| ISDYNVOLMsg_Cnt_u08[5] | 255 | 255 | ✔ |
| ISDYNVOLMsg_Cnt_u08[6] | 255 | 255 | ✔ |
| ISDYNVOLMsg_Cnt_u08[7] | 0 | 0 | ✔ |
| Rte_Write_Cd_SrlComDriver_ISDYNVOLMsgRxTime_MSec_u32(data) | 536870912 | 536870912 | ✔ |
| SrlComDriver_PreRxISDYNVOL() | 0 | 0 | ✔ |

## Test Step Call Trace

| Actual Function | Count | Expected Function | Count | Result |
|---|---|---|---|---|
| *none* | 0 | *** No Call Expected *** | 0 | ✔ |

| Project | SrlComDriver |
|---|---|
| Module | SrlComDriver |
| Test Object | SrlComDriver_PreRxPROTOHS1DYNUCF5CD |

## Instrumentation: Test Object Only

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

## Statistics

| | | |
|---|---|---|
| Total Testcases | 2 | |
| Successful | 2 | ✔ |
| Failed | 0 | |
| Not Executed | 0 | |

## Module Properties

| | |
|---|---|
| Project Root Directory | D:\Synergy_Work_Area_3.0\Task_EA3_20106_PSA_CMP_05.03.00_SrlComDriver |
| Configuration File | $(PROJECTROOT)\tessy\config\configuration.xml |
| Target Environment | GNU GCC GNU GVD (Default) |
| Kind of Test | Unit Test |
| Linker Options | |
| Source File(s) | |
| File | $(PROJECTROOT)\SrlComDriver\src\Cd_SrlComDriver.c |
| Compiler Options | -DSKIP_MAGIC_NUMBER= -D_DATA_ACCESS= -D__inline= -D_extern= -Dconst= -Dstatic= -I$(PROJECTROOT)\Contract_modified -I$(PROJECTROOT)\NxtrLib\include -I$(PROJECTROOT)\StdDef\include -I$(ProgramFiles)\Texas Instruments\ccsv4\tools\compiler\tms470_4.9.5\include |

### Attributes

| Name | Value |
|---|---|
| Compiler Install Path | $(ProgramFiles)\Texas Instruments\ccsv4\tools\compiler\tms470_4.9.5\include |
| Float Precision | 9 |

### Comments/Description/Specification

| Name | Text |
|---|---|
| Module 'SrlComDriver' | *************************************Unit Test Information*********************************************<br>Name of Tester:Divya Jape<br>Code File(s) Under Test:Cd_SrlComDriver.c<br>Code File(s) Version:15<br>Module Design Document:SrlComDriver_MDD.doc<br>Module Design Document Version:7<br>Data Dictionary Version:11<br>Unit Test Plan Version:5<br>Optimization Level:Ogeneral<br>Compiler (CodeGen) Version:TMS470_4.9.5<br>Model Type:None<br>Model Version:Nexteer EPS Unit Test Tool 1.0<br>Total FLASH Used (Bytes):4846<br>Total RAM Used (Bytes):75<br>Total CALS Used (Bytes):3<br>Special Test Requirements:NA<br>Test Date:5/24/2018<br>Comments: Note 1: "CBD_Sandbox_dbg.map" MAP file embedded for reference.<br>Note 2: Inline functions in GlobalMacro.h are not unit tested.<br>Note 3: For Functions 'SrlComDriver_PreRxISDYNAAS', 'SrlComDriver_PreRxISDYNABR', 'SrlComDriver_PreRxISDYNVOL', 'SrlComDriver_PreRxISDAT4V2BSI552' and<br>'SrlComDriver_PreRxPROTOHS1DYNUCF5CD' only SIL report is generated because of the interface issue.<br>***************************************************************************************************** |

## Test Case 1: Metric Test ✔

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

TS1.1 37.00 Cycles
TS1.2 31.00 Cycles
```

**Description**
Vector Description

TS1.1Shortest Execution Path
if(ESCOffsCfgSeld_Cnt_M_lgc == TRUE)=>F

TS1.2Longest Execution Path
if(ESCOffsCfgSeld_Cnt_M_lgc == TRUE)=>T
for( i = 0u; i < DLC_Cnt_T_u08; i++ )=>T
for( i = 0u; i < 8u; i++ )=>T

### Test Step 1.1 (Repeat Count = 1) ✔

| Name | Input Value |
|---|---|
| ESCOffsCfgSeld_Cnt_M_lgc | 0 |
| GetSystemTime_mS_u32(CurrentTime) | target_GetSystemTime_mS_u32_CurrentTime |
| rxStruct | target_rxStruct |
| target_GetSystemTime_mS_u32_CurrentTime | 0 |
| target_pChipData[0] | 0 |
| target_pChipData[1] | 0 |
| target_pChipData[2] | 0 |
| target_pChipData[3] | 0 |
| target_pChipData[4] | 0 |
| target_pChipData[5] | 0 |
| target_pChipData[6] | 0 |
| target_pChipData[7] | 0 |
| target_pChipMsgObj | 0 |
| target_rxStruct.pChipMsgObj | target_pChipMsgObj |
| target_rxStruct.pChipData | target_pChipData |

| Name | Actual Value | Expected Value | Result |
|---|---|---|---|
| PROTOHS1DYNUCF5CDMsg_Cnt_u08[0] | 0 | 0 | ✔ |
| PROTOHS1DYNUCF5CDMsg_Cnt_u08[1] | 0 | 0 | ✔ |
| PROTOHS1DYNUCF5CDMsg_Cnt_u08[2] | 0 | 0 | ✔ |
| PROTOHS1DYNUCF5CDMsg_Cnt_u08[3] | 0 | 0 | ✔ |
| PROTOHS1DYNUCF5CDMsg_Cnt_u08[4] | 0 | 0 | ✔ |
| PROTOHS1DYNUCF5CDMsg_Cnt_u08[5] | 0 | 0 | ✔ |
| PROTOHS1DYNUCF5CDMsg_Cnt_u08[6] | 0 | 0 | ✔ |
| PROTOHS1DYNUCF5CDMsg_Cnt_u08[7] | 0 | 0 | ✔ |
| Rte_Write_Cd_SrlComDriver_PROTOHS1DYNUCF5CDMsgRxTime_MSec_u32(dat| 0 | 0 | ✔ |
| SrlComDriver_PreRxPROTOHS1DYNUCF5CD() | 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 |
|---|---|
| ESCOffsCfgSeld_Cnt_M_lgc | 0 |
| GetSystemTime_mS_u32(CurrentTime) | target_GetSystemTime_mS_u32_CurrentTime |
| rxStruct | target_rxStruct |
| target_GetSystemTime_mS_u32_CurrentTime | 4294967295 |
| target_pChipData[0] | 255 |
| target_pChipData[1] | 255 |
| target_pChipData[2] | 255 |
| target_pChipData[3] | 255 |
| target_pChipData[4] | 255 |
| target_pChipData[5] | 255 |
| target_pChipData[6] | 255 |
| target_pChipData[7] | 255 |
| target_pChipMsgObj | 3 |
| target_rxStruct.pChipMsgObj | target_pChipMsgObj |
| target_rxStruct.pChipData | target_pChipData |

| Name | Actual Value | Expected Value | Result |
|---|---|---|---|
| PROTOHS1DYNUCF5CDMsg_Cnt_u08[0] | 0 | 0 | ✔ |
| PROTOHS1DYNUCF5CDMsg_Cnt_u08[1] | 0 | 0 | ✔ |
| PROTOHS1DYNUCF5CDMsg_Cnt_u08[2] | 0 | 0 | ✔ |

| Name | Actual Value | Expected Value | Result |
|---|---|---|---|
| PROTOHS1DYNUCF5CDMsg_Cnt_u08[3] | 0 | 0 | ✔ |
| PROTOHS1DYNUCF5CDMsg_Cnt_u08[4] | 0 | 0 | ✔ |
| PROTOHS1DYNUCF5CDMsg_Cnt_u08[5] | 0 | 0 | ✔ |
| PROTOHS1DYNUCF5CDMsg_Cnt_u08[6] | 0 | 0 | ✔ |
| PROTOHS1DYNUCF5CDMsg_Cnt_u08[7] | 0 | 0 | ✔ |
| Rte_Write_Cd_SrlComDriver_PROTOHS1DYNUCF5CDMsgRxTime_MSec_u32(dat | 0 | 0 | ✔ |
| SrlComDriver_PreRxPROTOHS1DYNUCF5CD() | 0 | 0 | ✔ |

## Test Step Call Trace ✔

| Actual Function | Count | Expected Function | Count | Result |
|---|---|---|---|---|
| *none* | 0 | *** No Call Expected *** | 0 | ✔ |

## Test Case 2: Range Test ✔

| Specification | Performance Metrics<br>(With "None" Instrumentation and WithPS Environment)<br>CPU Cycles:<br><br>TS2.1 31.00 Cycles<br>TS2.2 1744.00 Cycles<br>TS2.3 31.00 Cycles<br>TS2.4 1707.00 Cycles<br>TS2.5 31.00 Cycles<br>TS2.6 31.00 Cycles<br>TS2.7 31.00 Cycles<br>TS2.8 1701.00 Cycles<br>TS2.9 1701.00 Cycles<br>TS2.10 37.00 Cycles<br>TS2.11 1663.00 Cycles<br>TS2.12 1663.00 Cycles<br>TS2.13 37.00 Cycles |
|---|---|
| Description | Vector Description<br><br>TS2.1All Min<br>TS2.2All Max<br>TS2.3ESCOffsCfgSeld_Cnt_M_lgc==>Min<br>TS2.4ESCOffsCfgSeld_Cnt_M_lgc==>Max<br>TS2.5rxStruct.pChipMsgObj==>Min<br>TS2.6rxStruct.pChipMsgObj==>Max<br>TS2.7rxStruct.pChipMsgObj==>Pos<br>TS2.8rxStruct.pChipData[8]==>Min<br>TS2.9rxStruct.pChipData[8]==>Max<br>TS2.10rxStruct.pChipData[8]==>Pos<br>TS2.11GetSystemTime_mS_u32==>Min<br>TS2.12GetSystemTime_mS_u32==>Max<br>TS2.13GetSystemTime_mS_u32==>Pos |

## Test Step 2.1 (Repeat Count = 1) ✔

| Name | Input Value |
|---|---|
| ESCOffsCfgSeld_Cnt_M_lgc | 0 |
| GetSystemTime_mS_u32(CurrentTime) | target_GetSystemTime_mS_u32_CurrentTime |
| rxStruct | target_rxStruct |
| target_GetSystemTime_mS_u32_CurrentTime | 0 |
| target_pChipData[0] | 0 |
| target_pChipData[1] | 0 |
| target_pChipData[2] | 0 |
| target_pChipData[3] | 0 |
| target_pChipData[4] | 0 |
| target_pChipData[5] | 0 |
| target_pChipData[6] | 0 |
| target_pChipData[7] | 0 |
| target_pChipMsgObj | 0 |
| target_rxStruct.pChipMsgObj | target_pChipMsgObj |
| target_rxStruct.pChipData | target_pChipData |

| Name | Actual Value | Expected Value | Result |
|---|---|---|---|
| PROTOHS1DYNUCF5CDMsg_Cnt_u08[0] | 0 | 0 | ✔ |
| PROTOHS1DYNUCF5CDMsg_Cnt_u08[1] | 0 | 0 | ✔ |
| PROTOHS1DYNUCF5CDMsg_Cnt_u08[2] | 0 | 0 | ✔ |
| PROTOHS1DYNUCF5CDMsg_Cnt_u08[3] | 0 | 0 | ✔ |
| PROTOHS1DYNUCF5CDMsg_Cnt_u08[4] | 0 | 0 | ✔ |
| PROTOHS1DYNUCF5CDMsg_Cnt_u08[5] | 0 | 0 | ✔ |
| PROTOHS1DYNUCF5CDMsg_Cnt_u08[6] | 0 | 0 | ✔ |
| PROTOHS1DYNUCF5CDMsg_Cnt_u08[7] | 0 | 0 | ✔ |
| Rte_Write_Cd_SrlComDriver_PROTOHS1DYNUCF5CDMsgRxTime_MSec_u32(dat | 0 | 0 | ✔ |
| SrlComDriver_PreRxPROTOHS1DYNUCF5CD() | 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 |
|---|---|
| ESCOffsCfgSeld_Cnt_M_lgc | 1 |
| GetSystemTime_mS_u32(CurrentTime) | target_GetSystemTime_mS_u32_CurrentTime |
| rxStruct | target_rxStruct |
| target_GetSystemTime_mS_u32_CurrentTime | 4294967295 |
| target_pChipData[0] | 255 |
| target_pChipData[1] | 255 |
| target_pChipData[2] | 255 |
| target_pChipData[3] | 255 |
| target_pChipData[4] | 255 |
| target_pChipData[5] | 255 |
| target_pChipData[6] | 255 |
| target_pChipData[7] | 255 |
| target_pChipMsgObj | 3 |
| target_rxStruct.pChipMsgObj | target_pChipMsgObj |
| target_rxStruct.pChipData | target_pChipData |

| Name | Actual Value | Expected Value | Result |
|---|---|---|---|
| PROTOHS1DYNUCF5CDMsg_Cnt_u08[0] | 255 | 255 | ✔ |
| PROTOHS1DYNUCF5CDMsg_Cnt_u08[1] | 255 | 255 | ✔ |
| PROTOHS1DYNUCF5CDMsg_Cnt_u08[2] | 255 | 255 | ✔ |
| PROTOHS1DYNUCF5CDMsg_Cnt_u08[3] | 255 | 255 | ✔ |
| PROTOHS1DYNUCF5CDMsg_Cnt_u08[4] | 255 | 255 | ✔ |
| PROTOHS1DYNUCF5CDMsg_Cnt_u08[5] | 255 | 255 | ✔ |
| PROTOHS1DYNUCF5CDMsg_Cnt_u08[6] | 255 | 255 | ✔ |
| PROTOHS1DYNUCF5CDMsg_Cnt_u08[7] | 255 | 255 | ✔ |
| Rte_Write_Cd_SrlComDriver_PROTOHS1DYNUCF5CDMsgRxTime_MSec_u32(dat | 4294967295 | 4294967295 | ✔ |
| SrlComDriver_PreRxPROTOHS1DYNUCF5CD() | 0 | 0 | ✔ |

## Test Step Call Trace ✔

| Actual Function | Count | Expected Function | Count | Result |
|---|---|---|---|---|
| GetSystemTime_mS_u32 | 1 | GetSystemTime_mS_u32 | 1 | ✔ |
| Rte_Write_Cd_SrlComDriver_PROTOHS1DYNUCF5CDMsg_Cnt_u08 | 1 | Rte_Write_Cd_SrlComDriver_PROTOHS1DYNUCF5CDMsg_Cnt_u08 | 1 | ✔ |
| Rte_Write_Cd_SrlComDriver_PROTOHS1DYNUCF5CDMsgRxTime_MSec_u | 1 | Rte_Write_Cd_SrlComDriver_PROTOHS1DYNUCF5CDMsgRxTime_MSec_ | 1 | ✔ |

## Test Step 2.3 (Repeat Count = 1) ✔

| Name | Input Value |
|---|---|
| ESCOffsCfgSeld_Cnt_M_lgc | 0 |
| GetSystemTime_mS_u32(CurrentTime) | target_GetSystemTime_mS_u32_CurrentTime |
| rxStruct | target_rxStruct |
| target_GetSystemTime_mS_u32_CurrentTime | 229800192 |
| target_pChipData[0] | 12 |
| target_pChipData[1] | 16 |
| target_pChipData[2] | 32 |
| target_pChipData[3] | 81 |
| target_pChipData[4] | 87 |
| target_pChipData[5] | 100 |
| target_pChipData[6] | 210 |
| target_pChipData[7] | 251 |
| target_pChipMsgObj | 1 |
| target_rxStruct.pChipMsgObj | target_pChipMsgObj |
| target_rxStruct.pChipData | target_pChipData |

| Name | Actual Value | Expected Value | Result |
|---|---|---|---|
| PROTOHS1DYNUCF5CDMsg_Cnt_u08[0] | 255 | 255 | ✔ |
| PROTOHS1DYNUCF5CDMsg_Cnt_u08[1] | 255 | 255 | ✔ |
| PROTOHS1DYNUCF5CDMsg_Cnt_u08[2] | 255 | 255 | ✔ |
| PROTOHS1DYNUCF5CDMsg_Cnt_u08[3] | 255 | 255 | ✔ |
| PROTOHS1DYNUCF5CDMsg_Cnt_u08[4] | 255 | 255 | ✔ |
| PROTOHS1DYNUCF5CDMsg_Cnt_u08[5] | 255 | 255 | ✔ |
| PROTOHS1DYNUCF5CDMsg_Cnt_u08[6] | 255 | 255 | ✔ |
| PROTOHS1DYNUCF5CDMsg_Cnt_u08[7] | 255 | 255 | ✔ |
| Rte_Write_Cd_SrlComDriver_PROTOHS1DYNUCF5CDMsgRxTime_MSec_u32(dat | 4294967295 | 4294967295 | ✔ |

| Name | Actual Value | Expected Value | Result |
|---|---|---|---|
| SrlComDriver_PreRxPROTOHS1DYNUCF5CD() | 0 | 0 | ✔ |

### Test Step Call Trace ✔

| Actual Function | Count | Expected Function | Count | Result |
|---|---|---|---|---|
| *none* | 0 | *** No Call Expected *** | 0 | ✔ |

### Test Step 2.4 (Repeat Count = 1) ✔

| Name | Input Value |
|---|---|
| ESCOffsCfgSeld_Cnt_M_lgc | 1 |
| GetSystemTime_mS_u32(CurrentTime) | target_GetSystemTime_mS_u32_CurrentTime |
| rxStruct | target_rxStruct |
| target_GetSystemTime_mS_u32_CurrentTime | 2544588800 |
| target_pChipData[0] | 58 |
| target_pChipData[1] | 88 |
| target_pChipData[2] | 98 |
| target_pChipData[3] | 101 |
| target_pChipData[4] | 134 |
| target_pChipData[5] | 149 |
| target_pChipData[6] | 160 |
| target_pChipData[7] | 246 |
| target_pChipMsgObj | 1 |
| target_rxStruct.pChipMsgObj | target_pChipMsgObj |
| target_rxStruct.pChipData | target_pChipData |

| Name | Actual Value | Expected Value | Result |
|---|---|---|---|
| PROTOHS1DYNUCF5CDMsg_Cnt_u08[0] | 58 | 58 | ✔ |
| PROTOHS1DYNUCF5CDMsg_Cnt_u08[1] | 88 | 88 | ✔ |
| PROTOHS1DYNUCF5CDMsg_Cnt_u08[2] | 98 | 98 | ✔ |
| PROTOHS1DYNUCF5CDMsg_Cnt_u08[3] | 101 | 101 | ✔ |
| PROTOHS1DYNUCF5CDMsg_Cnt_u08[4] | 134 | 134 | ✔ |
| PROTOHS1DYNUCF5CDMsg_Cnt_u08[5] | 149 | 149 | ✔ |
| PROTOHS1DYNUCF5CDMsg_Cnt_u08[6] | 160 | 160 | ✔ |
| PROTOHS1DYNUCF5CDMsg_Cnt_u08[7] | 246 | 246 | ✔ |
| Rte_Write_Cd_SrlComDriver_PROTOHS1DYNUCF5CDMsgRxTime_MSec_u32(dat | 2544588800 | 2544588800 | ✔ |
| SrlComDriver_PreRxPROTOHS1DYNUCF5CD() | 0 | 0 | ✔ |

### Test Step Call Trace ✔

| Actual Function | Count | Expected Function | Count | Result |
|---|---|---|---|---|
| GetSystemTime_mS_u32 | 1 | GetSystemTime_mS_u32 | 1 | ✔ |
| Rte_Write_Cd_SrlComDriver_PROTOHS1DYNUCF5CDMsg_Cnt_u08 | 1 | Rte_Write_Cd_SrlComDriver_PROTOHS1DYNUCF5CDMsg_Cnt_u08 | 1 | ✔ |
| Rte_Write_Cd_SrlComDriver_PROTOHS1DYNUCF5CDMsgRxTime_MSec_ | 1 | Rte_Write_Cd_SrlComDriver_PROTOHS1DYNUCF5CDMsgRxTime_MSec_ | 1 | ✔ |

### Test Step 2.5 (Repeat Count = 1) ✔

| Name | Input Value |
|---|---|
| ESCOffsCfgSeld_Cnt_M_lgc | 0 |
| GetSystemTime_mS_u32(CurrentTime) | target_GetSystemTime_mS_u32_CurrentTime |
| rxStruct | target_rxStruct |
| target_GetSystemTime_mS_u32_CurrentTime | 2298092 |
| target_pChipData[0] | 30 |
| target_pChipData[1] | 46 |
| target_pChipData[2] | 119 |
| target_pChipData[3] | 219 |
| target_pChipData[4] | 224 |
| target_pChipData[5] | 229 |
| target_pChipData[6] | 231 |
| target_pChipData[7] | 248 |
| target_pChipMsgObj | 0 |
| target_rxStruct.pChipMsgObj | target_pChipMsgObj |
| target_rxStruct.pChipData | target_pChipData |

| Name | Actual Value | Expected Value | Result |
|---|---|---|---|
| PROTOHS1DYNUCF5CDMsg_Cnt_u08[0] | 58 | 58 | ✔ |
| PROTOHS1DYNUCF5CDMsg_Cnt_u08[1] | 88 | 88 | ✔ |
| PROTOHS1DYNUCF5CDMsg_Cnt_u08[2] | 98 | 98 | ✔ |
| PROTOHS1DYNUCF5CDMsg_Cnt_u08[3] | 101 | 101 | ✔ |
| PROTOHS1DYNUCF5CDMsg_Cnt_u08[4] | 134 | 134 | ✔ |
| PROTOHS1DYNUCF5CDMsg_Cnt_u08[5] | 149 | 149 | ✔ |
| PROTOHS1DYNUCF5CDMsg_Cnt_u08[6] | 160 | 160 | ✔ |

SrlComDriver_PreRxPROTOHS1DYNUCF5CD

| Name | Actual Value | Expected Value | Result |
|---|---|---|---|
| PROTOHS1DYNUCF5CDMsg_Cnt_u08[7] | 246 | 246 | ✔ |
| Rte_Write_Cd_SrlComDriver_PROTOHS1DYNUCF5CDMsgRxTime_MSec_u32(dat | 2544588800 | 2544588800 | ✔ |
| SrlComDriver_PreRxPROTOHS1DYNUCF5CD() | 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 |
|---|---|
| ESCOffsCfgSeld_Cnt_M_lgc | 0 |
| GetSystemTime_mS_u32(CurrentTime) | target_GetSystemTime_mS_u32_CurrentTime |
| rxStruct | target_rxStruct |
| target_GetSystemTime_mS_u32_CurrentTime | 229800192 |
| target_pChipData[0] | 12 |
| target_pChipData[1] | 16 |
| target_pChipData[2] | 32 |
| target_pChipData[3] | 81 |
| target_pChipData[4] | 87 |
| target_pChipData[5] | 100 |
| target_pChipData[6] | 210 |
| target_pChipData[7] | 251 |
| target_pChipMsgObj | 3 |
| target_rxStruct.pChipMsgObj | target_pChipMsgObj |
| target_rxStruct.pChipData | target_pChipData |

| Name | Actual Value | Expected Value | Result |
|---|---|---|---|
| PROTOHS1DYNUCF5CDMsg_Cnt_u08[0] | 58 | 58 | ✔ |
| PROTOHS1DYNUCF5CDMsg_Cnt_u08[1] | 88 | 88 | ✔ |
| PROTOHS1DYNUCF5CDMsg_Cnt_u08[2] | 98 | 98 | ✔ |
| PROTOHS1DYNUCF5CDMsg_Cnt_u08[3] | 101 | 101 | ✔ |
| PROTOHS1DYNUCF5CDMsg_Cnt_u08[4] | 134 | 134 | ✔ |
| PROTOHS1DYNUCF5CDMsg_Cnt_u08[5] | 149 | 149 | ✔ |
| PROTOHS1DYNUCF5CDMsg_Cnt_u08[6] | 160 | 160 | ✔ |
| PROTOHS1DYNUCF5CDMsg_Cnt_u08[7] | 246 | 246 | ✔ |
| Rte_Write_Cd_SrlComDriver_PROTOHS1DYNUCF5CDMsgRxTime_MSec_u32(dat | 2544588800 | 2544588800 | ✔ |
| SrlComDriver_PreRxPROTOHS1DYNUCF5CD() | 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 |
|---|---|
| ESCOffsCfgSeld_Cnt_M_lgc | 0 |
| GetSystemTime_mS_u32(CurrentTime) | target_GetSystemTime_mS_u32_CurrentTime |
| rxStruct | target_rxStruct |
| target_GetSystemTime_mS_u32_CurrentTime | 2544588800 |
| target_pChipData[0] | 58 |
| target_pChipData[1] | 88 |
| target_pChipData[2] | 98 |
| target_pChipData[3] | 101 |
| target_pChipData[4] | 134 |
| target_pChipData[5] | 149 |
| target_pChipData[6] | 160 |
| target_pChipData[7] | 246 |
| target_pChipMsgObj | 1 |
| target_rxStruct.pChipMsgObj | target_pChipMsgObj |
| target_rxStruct.pChipData | target_pChipData |

| Name | Actual Value | Expected Value | Result |
|---|---|---|---|
| PROTOHS1DYNUCF5CDMsg_Cnt_u08[0] | 58 | 58 | ✔ |
| PROTOHS1DYNUCF5CDMsg_Cnt_u08[1] | 88 | 88 | ✔ |
| PROTOHS1DYNUCF5CDMsg_Cnt_u08[2] | 98 | 98 | ✔ |
| PROTOHS1DYNUCF5CDMsg_Cnt_u08[3] | 101 | 101 | ✔ |
| PROTOHS1DYNUCF5CDMsg_Cnt_u08[4] | 134 | 134 | ✔ |
| PROTOHS1DYNUCF5CDMsg_Cnt_u08[5] | 149 | 149 | ✔ |
| PROTOHS1DYNUCF5CDMsg_Cnt_u08[6] | 160 | 160 | ✔ |

| Name | Actual Value | Expected Value | Result |
|------|------|------|------|
| PROTOHS1DYNUCF5CDMsg_Cnt_u08[7] | 246 | 246 | ✓ |
| Rte_Write_Cd_SrlComDriver_PROTOHS1DYNUCF5CDMsgRxTime_MSec_u32(dat | 2544588800 | 2544588800 | ✓ |
| SrlComDriver_PreRxPROTOHS1DYNUCF5CD() | 0 | 0 | ✓ |

| *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 |
|------|------|
| ESCOffsCfgSeld_Cnt_M_lgc | 1 |
| GetSystemTime_mS_u32(CurrentTime) | target_GetSystemTime_mS_u32_CurrentTime |
| rxStruct | target_rxStruct |
| target_GetSystemTime_mS_u32_CurrentTime | 229800192 |
| target_pChipData[0] | 0 |
| target_pChipData[1] | 0 |
| target_pChipData[2] | 0 |
| target_pChipData[3] | 0 |
| target_pChipData[4] | 0 |
| target_pChipData[5] | 0 |
| target_pChipData[6] | 0 |
| target_pChipData[7] | 0 |
| target_pChipMsgObj | 1 |
| target_rxStruct.pChipMsgObj | target_pChipMsgObj |
| target_rxStruct.pChipData | target_pChipData |

| Name | Actual Value | Expected Value | Result |
|------|------|------|------|
| PROTOHS1DYNUCF5CDMsg_Cnt_u08[0] | 0 | 0 | ✓ |
| PROTOHS1DYNUCF5CDMsg_Cnt_u08[1] | 0 | 0 | ✓ |
| PROTOHS1DYNUCF5CDMsg_Cnt_u08[2] | 0 | 0 | ✓ |
| PROTOHS1DYNUCF5CDMsg_Cnt_u08[3] | 0 | 0 | ✓ |
| PROTOHS1DYNUCF5CDMsg_Cnt_u08[4] | 0 | 0 | ✓ |
| PROTOHS1DYNUCF5CDMsg_Cnt_u08[5] | 0 | 0 | ✓ |
| PROTOHS1DYNUCF5CDMsg_Cnt_u08[6] | 0 | 0 | ✓ |
| PROTOHS1DYNUCF5CDMsg_Cnt_u08[7] | 0 | 0 | ✓ |
| Rte_Write_Cd_SrlComDriver_PROTOHS1DYNUCF5CDMsgRxTime_MSec_u32(dat | 229800192 | 229800192 | ✓ |
| SrlComDriver_PreRxPROTOHS1DYNUCF5CD() | 0 | 0 | ✓ |

| *Test Step Call Trace* | | | | | ✓ |
|------|------|------|------|------|------|
| **Actual Function** | **Count** | **Expected Function** | **Count** | **Result** | |
| GetSystemTime_mS_u32 | 1 | GetSystemTime_mS_u32 | 1 | ✓ | |
| Rte_Write_Cd_SrlComDriver_PROTOHS1DYNUCF5CDMsg_Cnt_u08 | 1 | Rte_Write_Cd_SrlComDriver_PROTOHS1DYNUCF5CDMsg_Cnt_u08 | 1 | ✓ | |
| Rte_Write_Cd_SrlComDriver_PROTOHS1DYNUCF5CDMsgRxTime_MSec_u | 1 | Rte_Write_Cd_SrlComDriver_PROTOHS1DYNUCF5CDMsgRxTime_MSec_ | 1 | ✓ | |

### Test Step 2.9 (Repeat Count = 1)　✓

| Name | Input Value |
|------|------|
| ESCOffsCfgSeld_Cnt_M_lgc | 1 |
| GetSystemTime_mS_u32(CurrentTime) | target_GetSystemTime_mS_u32_CurrentTime |
| rxStruct | target_rxStruct |
| target_GetSystemTime_mS_u32_CurrentTime | 2298092 |
| target_pChipData[0] | 255 |
| target_pChipData[1] | 255 |
| target_pChipData[2] | 255 |
| target_pChipData[3] | 255 |
| target_pChipData[4] | 255 |
| target_pChipData[5] | 255 |
| target_pChipData[6] | 255 |
| target_pChipData[7] | 255 |
| target_pChipMsgObj | 2 |
| target_rxStruct.pChipMsgObj | target_pChipMsgObj |
| target_rxStruct.pChipData | target_pChipData |

| Name | Actual Value | Expected Value | Result |
|------|------|------|------|
| PROTOHS1DYNUCF5CDMsg_Cnt_u08[0] | 0 | 0 | ✓ |
| PROTOHS1DYNUCF5CDMsg_Cnt_u08[1] | 0 | 0 | ✓ |
| PROTOHS1DYNUCF5CDMsg_Cnt_u08[2] | 0 | 0 | ✓ |
| PROTOHS1DYNUCF5CDMsg_Cnt_u08[3] | 0 | 0 | ✓ |
| PROTOHS1DYNUCF5CDMsg_Cnt_u08[4] | 0 | 0 | ✓ |

| Name | Actual Value | Expected Value | Result |
|---|---|---|---|
| PROTOHS1DYNUCF5CDMsg_Cnt_u08[5] | 0 | 0 | ✔ |
| PROTOHS1DYNUCF5CDMsg_Cnt_u08[6] | 0 | 0 | ✔ |
| PROTOHS1DYNUCF5CDMsg_Cnt_u08[7] | 0 | 0 | ✔ |
| Rte_Write_Cd_SrlComDriver_PROTOHS1DYNUCF5CDMsgRxTime_MSec_u32(data | 2298092 | 2298092 | ✔ |
| SrlComDriver_PreRxPROTOHS1DYNUCF5CD() | 0 | 0 | ✔ |

| *Test Step Call Trace* | | | | | ✔ |
|---|---|---|---|---|---|
| **Actual Function** | **Count** | **Expected Function** | **Count** | **Result** | |
| GetSystemTime_mS_u32 | 1 | GetSystemTime_mS_u32 | 1 | ✔ | |
| Rte_Write_Cd_SrlComDriver_PROTOHS1DYNUCF5CDMsg_Cnt_u08 | 1 | Rte_Write_Cd_SrlComDriver_PROTOHS1DYNUCF5CDMsg_Cnt_u08 | 1 | ✔ | |
| Rte_Write_Cd_SrlComDriver_PROTOHS1DYNUCF5CDMsgRxTime_MSec_ | 1 | Rte_Write_Cd_SrlComDriver_PROTOHS1DYNUCF5CDMsgRxTime_MSec | 1 | ✔ | |

| **Test Step 2.10 (Repeat Count = 1)** | | ✔ |
|---|---|---|
| **Name** | **Input Value** | |
| ESCOffsCfgSeld_Cnt_M_lgc | 0 | |
| GetSystemTime_mS_u32(CurrentTime) | target_GetSystemTime_mS_u32_CurrentTime | |
| rxStruct | target_rxStruct | |
| target_GetSystemTime_mS_u32_CurrentTime | 229800192 | |
| target_pChipData[0] | 1 | |
| target_pChipData[1] | 61 | |
| target_pChipData[2] | 65 | |
| target_pChipData[3] | 72 | |
| target_pChipData[4] | 108 | |
| target_pChipData[5] | 140 | |
| target_pChipData[6] | 159 | |
| target_pChipData[7] | 172 | |
| target_pChipMsgObj | 1 | |
| target_rxStruct.pChipMsgObj | target_pChipMsgObj | |
| target_rxStruct.pChipData | target_pChipData | |

| **Name** | **Actual Value** | **Expected Value** | **Result** |
|---|---|---|---|
| PROTOHS1DYNUCF5CDMsg_Cnt_u08[0] | 0 | 0 | ✔ |
| PROTOHS1DYNUCF5CDMsg_Cnt_u08[1] | 0 | 0 | ✔ |
| PROTOHS1DYNUCF5CDMsg_Cnt_u08[2] | 0 | 0 | ✔ |
| PROTOHS1DYNUCF5CDMsg_Cnt_u08[3] | 0 | 0 | ✔ |
| PROTOHS1DYNUCF5CDMsg_Cnt_u08[4] | 0 | 0 | ✔ |
| PROTOHS1DYNUCF5CDMsg_Cnt_u08[5] | 0 | 0 | ✔ |
| PROTOHS1DYNUCF5CDMsg_Cnt_u08[6] | 0 | 0 | ✔ |
| PROTOHS1DYNUCF5CDMsg_Cnt_u08[7] | 0 | 0 | ✔ |
| Rte_Write_Cd_SrlComDriver_PROTOHS1DYNUCF5CDMsgRxTime_MSec_u32(data | 2298092 | 2298092 | ✔ |
| SrlComDriver_PreRxPROTOHS1DYNUCF5CD() | 0 | 0 | ✔ |

| *Test Step Call Trace* | | | | | ✔ |
|---|---|---|---|---|---|
| **Actual Function** | **Count** | **Expected Function** | **Count** | **Result** | |
| *none* | 0 | *** No Call Expected *** | 0 | ✔ | |

| **Test Step 2.11 (Repeat Count = 1)** | | ✔ |
|---|---|---|
| **Name** | **Input Value** | |
| ESCOffsCfgSeld_Cnt_M_lgc | 1 | |
| GetSystemTime_mS_u32(CurrentTime) | target_GetSystemTime_mS_u32_CurrentTime | |
| rxStruct | target_rxStruct | |
| target_GetSystemTime_mS_u32_CurrentTime | 0 | |
| target_pChipData[0] | 71 | |
| target_pChipData[1] | 114 | |
| target_pChipData[2] | 139 | |
| target_pChipData[3] | 169 | |
| target_pChipData[4] | 179 | |
| target_pChipData[5] | 215 | |
| target_pChipData[6] | 230 | |
| target_pChipData[7] | 241 | |
| target_pChipMsgObj | 0 | |
| target_rxStruct.pChipMsgObj | target_pChipMsgObj | |
| target_rxStruct.pChipData | target_pChipData | |

| **Name** | **Actual Value** | **Expected Value** | **Result** |
|---|---|---|---|
| PROTOHS1DYNUCF5CDMsg_Cnt_u08[0] | 0 | 0 | ✔ |
| PROTOHS1DYNUCF5CDMsg_Cnt_u08[1] | 0 | 0 | ✔ |
| PROTOHS1DYNUCF5CDMsg_Cnt_u08[2] | 0 | 0 | ✔ |

| Name | Actual Value | Expected Value | Result |
|------|--------------|----------------|--------|
| PROTOHS1DYNUCF5CDMsg_Cnt_u08[3] | 0 | 0 | ✔ |
| PROTOHS1DYNUCF5CDMsg_Cnt_u08[4] | 0 | 0 | ✔ |
| PROTOHS1DYNUCF5CDMsg_Cnt_u08[5] | 0 | 0 | ✔ |
| PROTOHS1DYNUCF5CDMsg_Cnt_u08[6] | 0 | 0 | ✔ |
| PROTOHS1DYNUCF5CDMsg_Cnt_u08[7] | 0 | 0 | ✔ |
| Rte_Write_Cd_SrlComDriver_PROTOHS1DYNUCF5CDMsgRxTime_MSec_u32(data | 0 | 0 | ✔ |
| SrlComDriver_PreRxPROTOHS1DYNUCF5CD() | 0 | 0 | ✔ |

| **Test Step Call Trace** | | | | ✔ |
|---|---|---|---|---|
| **Actual Function** | **Count** | **Expected Function** | **Count** | **Result** |
| GetSystemTime_mS_u32 | 1 | GetSystemTime_mS_u32 | 1 | ✔ |
| Rte_Write_Cd_SrlComDriver_PROTOHS1DYNUCF5CDMsg_Cnt_u08 | 1 | Rte_Write_Cd_SrlComDriver_PROTOHS1DYNUCF5CDMsg_Cnt_u08 | 1 | ✔ |
| Rte_Write_Cd_SrlComDriver_PROTOHS1DYNUCF5CDMsgRxTime_MSec_ | 1 | Rte_Write_Cd_SrlComDriver_PROTOHS1DYNUCF5CDMsgRxTime_MSec_ | 1 | ✔ |

| **Test Step 2.12 (Repeat Count = 1)** | | ✔ |
|---|---|---|
| **Name** | **Input Value** | |
| ESCOffsCfgSeld_Cnt_M_lgc | 1 | |
| GetSystemTime_mS_u32(CurrentTime) | target_GetSystemTime_mS_u32_CurrentTime | |
| rxStruct | target_rxStruct | |
| target_GetSystemTime_mS_u32_CurrentTime | 4294967295 | |
| target_pChipData[0] | 5 | |
| target_pChipData[1] | 43 | |
| target_pChipData[2] | 44 | |
| target_pChipData[3] | 49 | |
| target_pChipData[4] | 127 | |
| target_pChipData[5] | 200 | |
| target_pChipData[6] | 242 | |
| target_pChipData[7] | 244 | |
| target_pChipMsgObj | 1 | |
| target_rxStruct.pChipMsgObj | target_pChipMsgObj | |
| target_rxStruct.pChipData | target_pChipData | |

| Name | Actual Value | Expected Value | Result |
|------|--------------|----------------|--------|
| PROTOHS1DYNUCF5CDMsg_Cnt_u08[0] | 5 | 5 | ✔ |
| PROTOHS1DYNUCF5CDMsg_Cnt_u08[1] | 43 | 43 | ✔ |
| PROTOHS1DYNUCF5CDMsg_Cnt_u08[2] | 44 | 44 | ✔ |
| PROTOHS1DYNUCF5CDMsg_Cnt_u08[3] | 49 | 49 | ✔ |
| PROTOHS1DYNUCF5CDMsg_Cnt_u08[4] | 127 | 127 | ✔ |
| PROTOHS1DYNUCF5CDMsg_Cnt_u08[5] | 200 | 200 | ✔ |
| PROTOHS1DYNUCF5CDMsg_Cnt_u08[6] | 242 | 242 | ✔ |
| PROTOHS1DYNUCF5CDMsg_Cnt_u08[7] | 244 | 244 | ✔ |
| Rte_Write_Cd_SrlComDriver_PROTOHS1DYNUCF5CDMsgRxTime_MSec_u32(data | 4294967295 | 4294967295 | ✔ |
| SrlComDriver_PreRxPROTOHS1DYNUCF5CD() | 0 | 0 | ✔ |

| **Test Step Call Trace** | | | | ✔ |
|---|---|---|---|---|
| **Actual Function** | **Count** | **Expected Function** | **Count** | **Result** |
| GetSystemTime_mS_u32 | 1 | GetSystemTime_mS_u32 | 1 | ✔ |
| Rte_Write_Cd_SrlComDriver_PROTOHS1DYNUCF5CDMsg_Cnt_u08 | 1 | Rte_Write_Cd_SrlComDriver_PROTOHS1DYNUCF5CDMsg_Cnt_u08 | 1 | ✔ |
| Rte_Write_Cd_SrlComDriver_PROTOHS1DYNUCF5CDMsgRxTime_MSec_ | 1 | Rte_Write_Cd_SrlComDriver_PROTOHS1DYNUCF5CDMsgRxTime_MSec_ | 1 | ✔ |

### Test Step 2.13 (Repeat Count = 1)

| Name | Input Value |
|---|---|
| ESCOffsCfgSeld_Cnt_M_lgc | 0 |
| GetSystemTime_mS_u32(CurrentTime) | target_GetSystemTime_mS_u32_CurrentTime |
| rxStruct | target_rxStruct |
| target_GetSystemTime_mS_u32_CurrentTime | 1199764992 |
| target_pChipData[0] | 15 |
| target_pChipData[1] | 24 |
| target_pChipData[2] | 27 |
| target_pChipData[3] | 35 |
| target_pChipData[4] | 54 |
| target_pChipData[5] | 126 |
| target_pChipData[6] | 151 |
| target_pChipData[7] | 184 |
| target_pChipMsgObj | 2 |
| target_rxStruct.pChipMsgObj | target_pChipMsgObj |
| target_rxStruct.pChipData | target_pChipData |

| Name | Actual Value | Expected Value | Result |
|---|---|---|---|
| PROTOHS1DYNUCF5CDMsg_Cnt_u08[0] | 5 | 5 | ✔ |
| PROTOHS1DYNUCF5CDMsg_Cnt_u08[1] | 43 | 43 | ✔ |
| PROTOHS1DYNUCF5CDMsg_Cnt_u08[2] | 44 | 44 | ✔ |
| PROTOHS1DYNUCF5CDMsg_Cnt_u08[3] | 49 | 49 | ✔ |
| PROTOHS1DYNUCF5CDMsg_Cnt_u08[4] | 127 | 127 | ✔ |
| PROTOHS1DYNUCF5CDMsg_Cnt_u08[5] | 200 | 200 | ✔ |
| PROTOHS1DYNUCF5CDMsg_Cnt_u08[6] | 242 | 242 | ✔ |
| PROTOHS1DYNUCF5CDMsg_Cnt_u08[7] | 244 | 244 | ✔ |
| Rte_Write_Cd_SrlComDriver_PROTOHS1DYNUCF5CDMsgRxTime_MSec_u32(dat | 4294967295 | 4294967295 | ✔ |
| SrlComDriver_PreRxPROTOHS1DYNUCF5CD() | 0 | 0 | ✔ |

### Test Step Call Trace ✔

| Actual Function | Count | Expected Function | Count | Result |
|---|---|---|---|---|
| *none* | 0 | *** No Call Expected *** | 0 | ✔ |