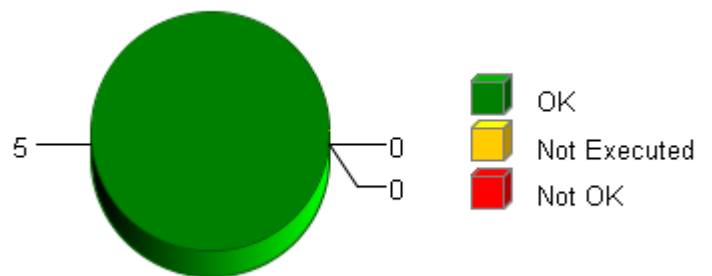


## Summary

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)



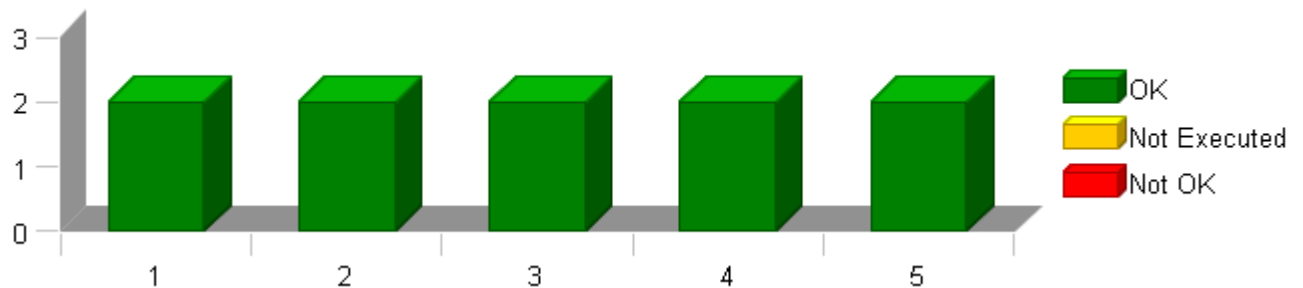
## Selected Project Items

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

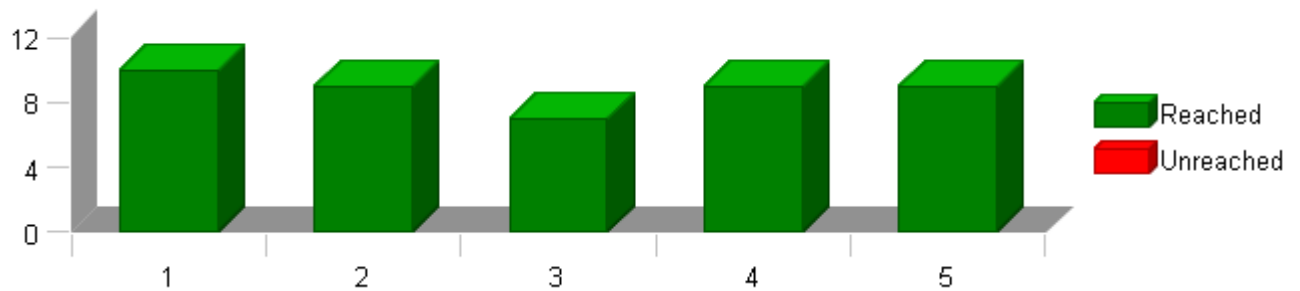
GNU GCC GNU GVD (Default)

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



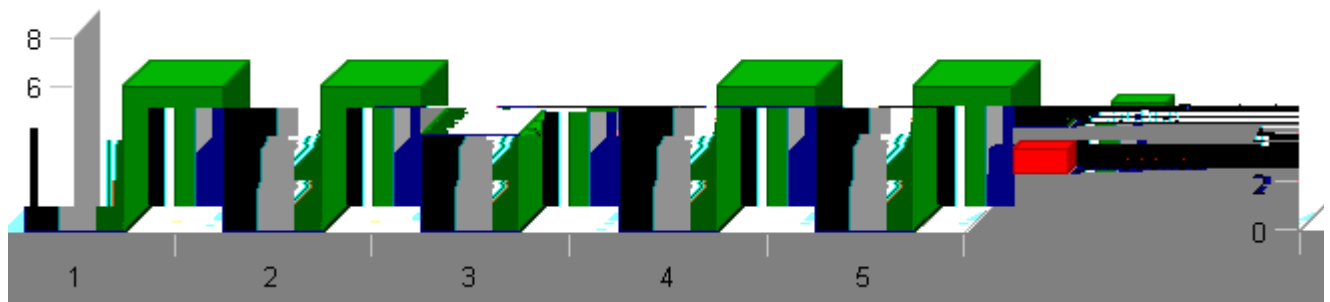
The table above shows each test object on the x axis and the number of test cases of the respective test object on the y axis. Each bar is divided into passed, not executed and failed test cases. The test case results do not take into account any coverage result (i.e. if all test cases of a test object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



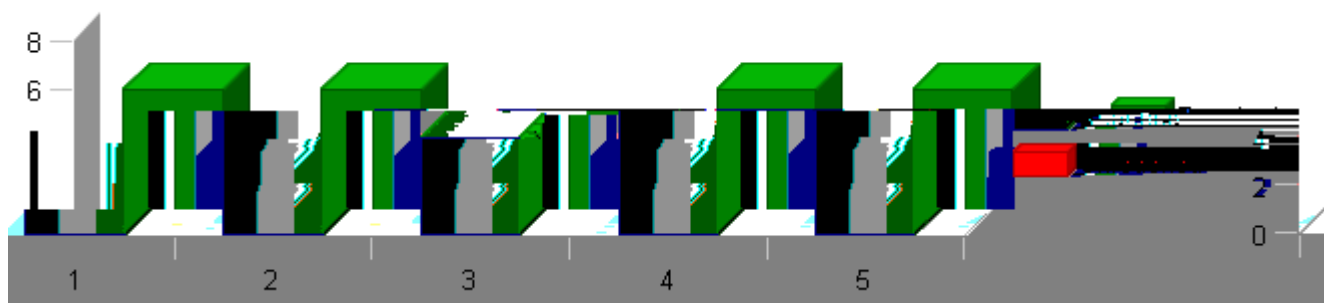
The table above shows each test object on the x axis and the number of statements of the respective test object on the y axis. Each bar is divided into reached statements (i.e. statements that have been executed during the test) and unreached statements.

### 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.

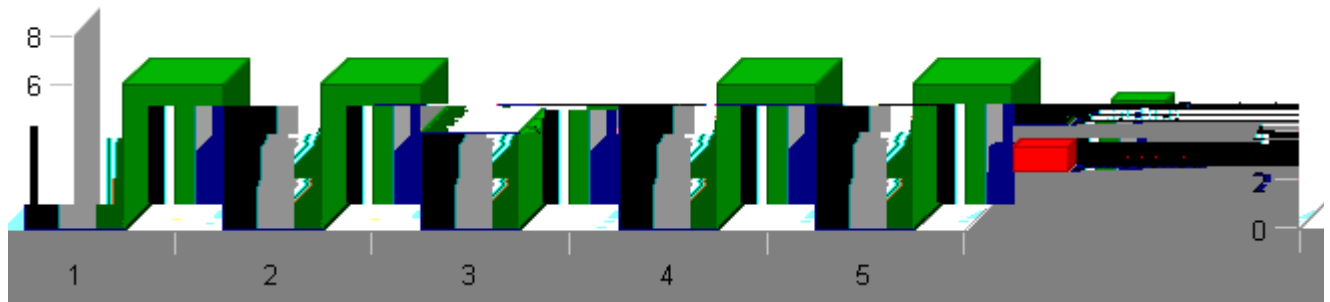
### Decision Coverage: Total Decision Outcomes for Each Test Object



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 OVERVIEW REPORT

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Project SrlComDriver



### 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	<a href="#">SrlComDriver_PreRxISDAT4V2BSI552</a>	100 %	100 %	100 %	100 %	2 of 2 passed	✓
2	<a href="#">SrlComDriver_PreRxISDYNAAS</a>	100 %	100 %	100 %	100 %	2 of 2 passed	✓
3	<a href="#">SrlComDriver_PreRxISDYNABR</a>	100 %	100 %	100 %	100 %	2 of 2 passed	✓
4	<a href="#">SrlComDriver_PreRxISDYNVOL</a>	100 %	100 %	100 %	100 %	2 of 2 passed	✓
5	<a href="#">SrlComDriver_PreRxPROTOHS1DYNUCF5CD</a>	100 %	100 %	100 %	100 %	2 of 2 passed	✓

# TEST DETAILS REPORT

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SrlComDriver\_PreRxISDAT4V2BSI552



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

# TEST DETAILS REPORT

SrlComDriver\_PreRxISDAT4V2BSI552

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## 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
ISDAT4V2BSI552MsgDLError_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
ISDAT4V2BSI552MsgDLError_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_ISDAT4V2BSI552MsgDLError_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
ISDAT4V2BSI552MsgDLError_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

# TEST DETAILS REPORT

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SrlComDriver\_PreRxISDAT4V2BSI552

Name	Input Value		
target_rxStruct.pChipData	target_pChipData		
Name	Actual Value	Expected Value	Result
ISDAT4V2BSI552MsgDLCErrCnt_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_ISDAT4V2BSI552MsgDLCErrCnt_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  
TS2.14ISDAT4V2BSI552MsgDLCErrCnt\_M\_u08==>Min  
TS2.15ISDAT4V2BSI552MsgDLCErrCnt\_M\_u08==>Max  
TS2.16ISDAT4V2BSI552MsgDLCErrCnt\_M\_u08==>Pos

## Test Step 2.1 (Repeat Count = 1)

Name	Input Value
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
ISDAT4V2BSI552MsgDLCErrCnt_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

# TEST DETAILS REPORT

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SrlComDriver\_PreRxISDAT4V2BSI552

Name	Input Value		
target_rxStruct.pChipData	target_pChipData		
Name	Actual Value	Expected Value	Result
ISDAT4V2BSI552MsgDLCErrCnt_M_u08	0	0	✓
Rte_Write_Cd_SrlComDriver_AnneeEcoulee_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_ISDAT4V2BSI552MsgDLCErrCnt_u08(data)	0	0	✓
Rte_Write_Cd_SrlComDriver_ISDAT4V2BSI552MsgRxTime_MSec_u32(data)	0	0	✓
Rte_Write_Cd_SrlComDriver_JourEcoulee_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_JourEcoulee_Cnt_u16	1	Rte_Write_Cd_SrlComDriver_JourEcoulee_Cnt_u16	1	✓
Rte_Write_Cd_SrlComDriver_AnneeEcoulee_Cnt_u08	1	Rte_Write_Cd_SrlComDriver_AnneeEcoulee_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		
ISDAT4V2BSI552MsgDLCErrCnt_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
ISDAT4V2BSI552MsgDLCErrCnt_M_u08	255	255	✓
Rte_Write_Cd_SrlComDriver_AnneeEcoulee_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_ISDAT4V2BSI552MsgDLCErrCnt_u08(data)	0	0	✓
Rte_Write_Cd_SrlComDriver_ISDAT4V2BSI552MsgRxTime_MSec_u32(data)	4294967295	4294967295	✓
Rte_Write_Cd_SrlComDriver_JourEcoulee_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
ISDAT4V2BSI552MsgDLCErrCnt_M_u08	59
k_JDD2010Selected_Cnt_lgc	0
rxStruct	target_rxStruct
target_GetSystemTime_mS_u32_CurrentTime	0



# TEST DETAILS REPORT

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SriComDriver\_PreRxISDAT4V2BSI552

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
ISDAT4V2BSI552MsgDLCErr_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_ISDAT4V2BSI552MsgDLCErr_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_SriComDriver_SecondeEcoulee_Cnt_u32	1	Rte_Write_Cd_SriComDriver_SecondeEcoulee_Cnt_u32	1	✓
Rte_Write_Cd_SriComDriver_JourEcoule_Cnt_u16	1	Rte_Write_Cd_SriComDriver_JourEcoule_Cnt_u16	1	✓
Rte_Write_Cd_SriComDriver_AnneeEcoule_Cnt_u08	1	Rte_Write_Cd_SriComDriver_AnneeEcoule_Cnt_u08	1	✓
Rte_Write_Cd_SriComDriver_ISDAT4V2BSI552MsgRxTime_MSec_u32	1	Rte_Write_Cd_SriComDriver_ISDAT4V2BSI552MsgRxTime_MSec_u32	1	✓

Test Step 2.4 (Repeat Count = 1)				✓
Name		Input Value		
GetSystemTime_mS_u32(CurrentTime)		target_GetSystemTime_mS_u32_CurrentTime		
ISDAT4V2BSI552MsgDLCErr_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
ISDAT4V2BSI552MsgDLCErr_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_ISDAT4V2BSI552MsgDLCErr_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_SriComDriver_CompteurTemporelVehicule_Cnt_u32	1	Rte_Write_Cd_SriComDriver_CompteurTemporelVehicule_Cnt_u32	1	✓
Rte_Write_Cd_SriComDriver_Kilometrage_Cnt_u32	1	Rte_Write_Cd_SriComDriver_Kilometrage_Cnt_u32	1	✓
Rte_Write_Cd_SriComDriver_ComputerRazGCT_Cnt_u08	1	Rte_Write_Cd_SriComDriver_ComputerRazGCT_Cnt_u08	1	✓
Rte_Write_Cd_SriComDriver_ISDAT4V2BSI552MsgRxTime_MSec_u32	1	Rte_Write_Cd_SriComDriver_ISDAT4V2BSI552MsgRxTime_MSec_u32	1	✓

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## Test Step 2.5 (Repeat Count = 1) ✓

Name	Input Value
GetSystemTime_mS_u32(CurrentTime)	target_GetSystemTime_mS_u32_CurrentTime
ISDAT4V2BSI552MsgDLError_Cnt_M_u08	220
k_JDD2010Selected_Cnt_Igc	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
ISDAT4V2BSI552MsgDLError_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_ISDAT4V2BSI552MsgDLError_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
ISDAT4V2BSI552MsgDLError_Cnt_M_u08	102
k_JDD2010Selected_Cnt_Igc	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
ISDAT4V2BSI552MsgDLError_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_ISDAT4V2BSI552MsgDLError_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	✓

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## 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		
ISDAT4V2BSI552MsgDLCErr_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
ISDAT4V2BSI552MsgDLCErr_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_ISDAT4V2BSI552MsgDLCErr_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

	✓
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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_ISDAT4V2BSI552MsgDLCErr_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			
ISDAT4V2BSI552MsgDLCErr_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	
ISDAT4V2BSI552MsgDLCErr_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_ISDAT4V2BSI552MsgDLCErr_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			
ISDAT4V2BSI552MsgDLCErr_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			

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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
ISDAT4V2BSI552MsgDLCErr_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_ISDAT4V2BSI552MsgDLCErr_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_ISDAT4V2BSI552MsgDLCErrCnt_u08	1	Rte_Write_Cd_SrlComDriver_ISDAT4V2BSI552MsgDLCErrCnt_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		
ISDAT4V2BSI552MsgDLCErr_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
ISDAT4V2BSI552MsgDLCErr_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_ISDAT4V2BSI552MsgDLCErr_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	✓

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## 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	✓

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SrlComDriver\_PreRxISDAT4V2BSI552

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## 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		
ISDAT4V2BSI552MsgDLCErr_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
ISDAT4V2BSI552MsgDLCErr_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_ISDAT4V2BSI552MsgDLCErr_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_ISDAT4V2BSI552MsgDLCErr_Cnt_u08	1	Rte_Write_Cd_SrlComDriver_ISDAT4V2BSI552MsgDLCErr_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		
ISDAT4V2BSI552MsgDLCErr_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
ISDAT4V2BSI552MsgDLCErr_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	✓

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Name	Actual Value	Expected Value	Result
Rte_Write_Cd_SrlComDriver_ComputerRazGCT_Cnt_u08(data)	244	244	✓
Rte_Write_Cd_SrlComDriver_ISDAT4V2BSI552MsgDLCErr_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			
ISDAT4V2BSI552MsgDLCErr_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	
ISDAT4V2BSI552MsgDLCErr_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_ISDAT4V2BSI552MsgDLCErr_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	✓



# TEST DETAILS REPORT

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SrlComDriver\_PreRxISDYNAAS



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

# TEST DETAILS REPORT

SrlComDriver\_PreRxISDYNAAS

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## Test Case 1: Metric Test

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

TS1.1 37.00 Cycles  
TS1.2 1698.00 Cycles

**Description** Vector Description

TS1.1 Shortest Execution Path:  
for( i = 0u; i < DLC\_Cnt\_T\_u08; i++ )

TS1.2 Longest Execution Path:  
for( i = 0u; i < DLC\_Cnt\_T\_u08; i++ )  
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	✓

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SrlComDriver\_PreRxISDYNAAS

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	✓

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SrlComDriver\_PreRxISDYNAAS



## 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	✓

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SriComDriver\_PreRxISDYNAAS

Name	Actual Value	Expected Value	Result
SriComDriver_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_Igc	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_SriComDriver_ISDYNAASMsgRxTime_MSec_u32(data)	4294967295	4294967295	✓	
SriComDriver_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_SriComDriver_ISDYNAASMsg_Cnt_u08	1	Rte_Write_Cd_SriComDriver_ISDYNAASMsg_Cnt_u08	1	✓
Rte_Write_Cd_SriComDriver_ISDYNAASMsgRxTime_MSec_u32	1	Rte_Write_Cd_SriComDriver_ISDYNAASMsgRxTime_MSec_u32	1	✓

Test Step 2.5 (Repeat Count = 1)				
Name	Input Value			
CityParkSelected_Cnt_M_Igc	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	✓	

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SrlComDriver\_PreRxISDYNAAS

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	✓

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SrlComDriver\_PreRxISDYNAAS

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	✓

# TEST DETAILS REPORT

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SrlComDriver\_PreRxISDYNAAS

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	✓



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SrlComDriver\_PreRxISDYNAAS

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	✓

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SrlComDriver\_PreRxISDYNAAS

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	✓	

# TEST DETAILS REPORT



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

# TEST DETAILS REPORT



## Test Case 1: Metric Test

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

TS1.1 1665.00 Cycles  
TS1.2 1601.00 Cycles

**Description** Vector Description

TS1.1 Shortest Execution Path  
for( i = 0u; i < DLC\_Cnt\_T\_u08; i++) =>T  
for( i=0u; i < 8u; i++) =>T

TS1.2 Longest Execution Path  
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		
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	✓

# TEST DETAILS REPORT



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 DETAILS REPORT



## 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	✓

# TEST DETAILS REPORT



Name	Actual Value	Expected Value	Result
SrIComDriver_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_SrIComDriver_ISDYNABRMsg_Cnt_u08	1	Rte_Write_Cd_SrIComDriver_ISDYNABRMsg_Cnt_u08	1	✓
Rte_Write_Cd_SrIComDriver_ISDYNABRMsgRxTime_MSec_u32	1	Rte_Write_Cd_SrIComDriver_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_SrIComDriver_ISDYNABRMsg_Cnt_u08	1	Rte_Write_Cd_SrIComDriver_ISDYNABRMsg_Cnt_u08	1	✓
Rte_Write_Cd_SrIComDriver_ISDYNABRMsgRxTime_MSec_u32	1	Rte_Write_Cd_SrIComDriver_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	✓

# TEST DETAILS REPORT



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	✓



# TEST DETAILS REPORT



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	✓

# TEST DETAILS REPORT



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	✓	

# TEST DETAILS REPORT



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_PreRxlSDYNABR()	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 DETAILS REPORT

2018-05-24, 13:45:58+0530

SrlComDriver\_PreRxISDYNVOL



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

# TEST DETAILS REPORT

SrlComDriver\_PreRxISDYNVOL

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## Test Case 1: Metric Test

<b>Specification</b>	Performance Metrics (With "None" Instrumentation and WithPS Environment) CPU Cycles:  TS1.1 34.00 Cycles TS1.2 1689.00 Cycles
<b>Description</b>	Vector Description  TS1.1Shortest Execution Path if(CAVHCSelected_Cnt_M_lgc == TRUE)=>F  TS1.2Longest 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 DETAILS REPORT

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SrlComDriver\_PreRxISDYNVOL



## 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

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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	✓	

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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	✓



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## 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	✔

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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	✓

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## 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	✓

# TEST DETAILS REPORT

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SrlComDriver\_PreRxPROTOHS1DYNUCF5CD



Project	
Module	
Test Object	

## Instrumentation: Test Object Only

Statement (C0) Coverage	
Decision Coverage	
Branch (C1) Coverage	
MC/DC Coverage	

## Statistics

Total Testcases	
Successful	✓
Failed	
Not Executed	

## Module Properties

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

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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

Test Step 1.1 (Repeat Count = 1)

Name	Input Value

Name	Actual Value	Expected Value	Result
			✓
			✓
			✓
			✓
			✓
			✓
			✓
			✓

Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
				✓

Test Step 1.2 (Repeat Count = 1)

Name	Input Value

Name	Actual Value	Expected Value	Result
			✓
			✓
			✓

[illegible]

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
				✓

## Test Case 2: Range Test

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

TS2.1	31.00	Cycles
TS2.2	1744.00	Cycles
TS2.3	31.00	Cycles
TS2.4	1707.00	Cycles
TS2.5	31.00	Cycles
TS2.6	31.00	Cycles
TS2.7	31.00	Cycles
TS2.8	1701.00	Cycles
TS2.9	1701.00	Cycles
TS2.10	37.00	Cycles
TS2.11	1663.00	Cycles
TS2.12	1663.00	Cycles
TS2.13	37.00	Cycles

### Description

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

[illegible]

## SrlComDriver\_PreRxPROTOHS1DYNUCF5CD

[illegible][illegible]

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Name	Actual Value	Expected Value	Result
			✓

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

Test Step 2.4 (Repeat Count = 1)		✓
Name	Input Value	

Name	Actual Value	Expected Value	Result
			✓
			✓
			✓
			✓
			✓
			✓
			✓

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

Test Step 2.5 (Repeat Count = 1)		✓
Name	Input Value	

Name	Actual Value	Expected Value	Result
			✓
			✓
			✓
			✓
			✓



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Name	Actual Value	Expected Value	Result
			✓
			✓
			✓

### Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
				✓

### Test Step 2.6 (Repeat Count = 1)

[illegible][illegible]

### Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
				✓

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

[illegible][illegible]

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SrlComDriver\_PreRxPROTOHS1DYNUCF5CD



Name	Actual Value	Expected Value	Result
			✓
			✓
			✓

Test Step Call Trace ✓

Actual Function	Count	Expected Function	Count	Result
				✓

Test Step 2.8 (Repeat Count = 1) ✓

Name	Input Value

Name	Actual Value	Expected Value	Result
			✓
			✓
			✓
			✓
			✓
			✓
			✓
			✓

Test Step Call Trace ✓

Actual Function	Count	Expected Function	Count	Result
				✓
				✓
				✓

Test Step 2.9 (Repeat Count = 1) ✓

Name	Input Value

Name	Actual Value	Expected Value	Result
			✓
			✓
			✓
			✓

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Name	Actual Value	Expected Value	Result
			✓
			✓
			✓
			✓
			✓

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
				✓
				✓
				✓

## Test Step 2.10 (Repeat Count = 1)

Name	Input Value

Name	Actual Value	Expected Value	Result
			✓
			✓
			✓
			✓
			✓
			✓
			✓
			✓

## Test Step Call Trace

Actual Function	Count	Expected Function	Count	Result
				✓

## Test Step 2.11 (Repeat Count = 1)

Name	Input Value

Name	Actual Value	Expected Value	Result
			✓
			✓
			✓

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Name	Actual Value	Expected Value	Result
			✓
			✓
			✓
			✓
			✓
			✓

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

Test Step 2.12 (Repeat Count = 1) ✓

Name	Input Value

Name	Actual Value	Expected Value	Result
			✓
			✓
			✓
			✓
			✓
			✓
			✓
			✓

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

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Test Step 2.13 (Repeat Count = 1) ✓

Name	Input Value

Name	Actual Value	Expected Value	Result
			✓
			✓
			✓
			✓
			✓
			✓
			✓
			✓

Test Step Call Trace ✓

Actual Function	Count	Expected Function	Count	Result
				✓