

# Chapter 5. Polyspace Run-Time Checks Results

## Proven Run-Time Errors

Table 5.1.

D:\Jessie\3\_NXP\S32DS\_S32K312EVBQ172\8\_I2C\_Master\_DMA\_FunctionTest\_RTD3.0.0\S32K312\_I2C\_Master\_MCAL\RTD\include\Dma\_Ip\_Hwv3\_AccessInline.h

ID	Check	Function	Line	Col	Detail	Jus	Severity	Status	Comment
24941	Invalid shift operations	hwv3AccInlineDmaCh_SetControl_EnMasterIdReplication()	287	84	Error: scalar shift amount is outside its bounds[0..15]	No	Unset	Unreviewed	
25323	Invalid shift operations	hwv3AccInlineDmaCh_SetPriority_EnPreemption()	328	87	Error: scalar shift amount is outside its bounds[0..15]	No	Unset	Unreviewed	
25251	Invalid shift operations	hwv3AccInlineDmaCh_SetPriority_DisPreempt()	336	87	Error: scalar shift amount is outside its bounds[0..15]	No	Unset	Unreviewed	
25043	Invalid shift operations	hwv3AccInlineDmaCh_SetMinorLoop_enSrcOffset()	403	101	Error: scalar shift amount is outside its bounds[0..15]	No	Unset	Unreviewed	
25099	Invalid shift operations	hwv3AccInlineDmaCh_SetMinorLoop_enDstOffset()	409	101	Error: scalar shift amount is outside its bounds[0..15]	No	Unset	Unreviewed	

Table 5.2. D:\Jessie\3\_NXP\S32DS\_S32K312EVBQ172\8\_I2C\_Master\_DMA\_FunctionTest\_RTD3.0.0\S32K312\_I2C\_Master\_MCAL\RTD\src\Clock\_Ip.c

ID	Check	Function	Line	Col	Detail	Jus	Severity	Status	Comment
21063	Non-terminating call	Clock_Ip_InitClock()	747	4	The called function Clock_Ip_Specific.Clock_Ip_Command (in the current context) either contains an error or does not terminate.	No	Unset	Unreviewed	

Table 5.3.

D:\Jessie\3\_NXP\S32DS\_S32K312EVBQ172\8\_I2C\_Master\_DMA\_FunctionTest\_RTD3.0.0\S32K312\_I2C\_Master\_MCAL\RTD\src\Clock\_Ip\_Divider.c

ID	Check	Function	Line	Col	Detail	Jus	Severity	Status	Comment
21868	Illegally dereferenced pointer	Clock_Ip_SetCgmXDeDivStatWithoutPhase()	180	63	Error: pointer is outside its bounds	No	Unset	Unreviewed	

ID	Check	Function	Line	Col	Detail	Jus	Severity	Status	Comment
21893	Illegally dereferenced pointer	Clock_Ip_SetCgmXDvSta tWithoutPhase()	205	69	Error: pointer is outside its bounds	No	Unset	Unreviewed	
21813	Invalid shift operations	Clock_Ip_SetPlIPll0divDeDi vOutput()	265	70	Error: scalar shift amount is outside its bounds[0..15]	No	Unset	Unreviewed	
21777	Invalid shift operations	Clock_Ip_SetPlIPlldvOdiv2O utput()	293	60	Error: scalar shift amount is outside its bounds[0..15]	No	Unset	Unreviewed	

**Table 5.4.**

**D:\Jessie\3\_NXP\S32DS\_S32K312EVbQ172\8\_I2C\_Master\_DMA\_FunctionTest\_RTD3.0.0\S32K312\_I2C\_Master\_MCAL\RTD\src\Clock\_Ip\_DividerTrigger.c**

ID	Check	Function	Line	Col	Detail	Jus	Severity	Status	Comment
21932	Illegally dereferenced pointer	Clock_Ip_ConfigureCgmXD vTrigCtrlTctlHhenUpdStat()	155	52	Error: pointer is outside its bounds	No	Unset	Unreviewed	
21956	Illegally dereferenced pointer	Clock_Ip_ConfigureCgmXD vTrigCtrlTctlHhenUpdStat()	159	52	Error: pointer is outside its bounds	No	Unset	Unreviewed	
21986	Illegally dereferenced pointer	Clock_Ip_TriggerUpdateCg mXDivTrigCtrlTctlHhenUpd Stat()	189	52	Error: pointer is outside its bounds	No	Unset	Unreviewed	

**Table 5.5.**

**D:\Jessie\3\_NXP\S32DS\_S32K312EVbQ172\8\_I2C\_Master\_DMA\_FunctionTest\_RTD3.0.0\S32K312\_I2C\_Master\_MCAL\RTD\src\Clock\_Ip\_ExtOsc.c**

ID	Check	Function	Line	Col	Detail	Jus	Severity	Status	Comment
22026	Invalid shift operations	Clock_Ip_SetFoscOsconBy pEocvGmSel()	203	64	Error: scalar shift amount is outside its bounds[0..15]	No	Unset	Unreviewed	
22144	Invalid shift operations	Clock_Ip_SetSoscOsconEoc v()	345	64	Error: scalar shift amount is outside its bounds[0..15]	No	Unset	Unreviewed	

**Table 5.6.**

**D:\Jessie\3\_NXP\S32DS\_S32K312EVbQ172\8\_I2C\_Master\_DMA\_FunctionTest\_RTD3.0.0\S32K312\_I2C\_Master\_MCAL\RTD\src\Clock\_Ip\_Gate.c**

ID	Check	Function	Line	Col	Detail	Jus	Severity	Status	Comment
22272	Illegally dereferenced pointer	Clock_Ip_ClockSetGateMcM ePartitionCollectionClockRe quest()	183	60	Error: pointer is outside its bounds	No	Unset	Unreviewed	
39642	Illegally dereferenced pointer	Clock_Ip_ClockSetGateMcM ePartitionCollectionClockRe quest()	213	60	Error: pointer is outside its bounds	No	Unset	Unreviewed	

**Table 5.7.****D:\Jessie\3\_NXP\S32DS\_S32K312EVQBQ172\8\_I2C\_Master\_DMA\_FunctionTest\_RTD3.0.0\S32K312\_I2C\_Master\_MCAL\RTD\src\Clock\_Ip\_Monitor.c**

ID	Check	Function	Line	Col	Detail	Jus	Severity	Status	Comment
22434	Non-terminating loop	Clock_Ip_CMU_ClockFailInt()	491	4	The loop is infinite or contains a runtime error.	No	Unset	Unreviewed	

**Table 5.8. D:\Jessie\3\_NXP\S32DS\_S32K312EVQBQ172\8\_I2C\_Master\_DMA\_FunctionTest\_RTD3.0.0\S32K312\_I2C\_Master\_MCAL\RTD\src\Clock\_Ip\_Pll.c**

ID	Check	Function	Line	Col	Detail	Jus	Severity	Status	Comment
22732	Invalid shift operations	Clock_Ip_SetPllRdivMfiMfnOdiv2SdmenSsscgbypSpreadctlStepnoStepsize()	223	67	Error: scalar shift amount is outside its bounds[0..15]	No	Unset	Unreviewed	

**Table 5.9.****D:\Jessie\3\_NXP\S32DS\_S32K312EVQBQ172\8\_I2C\_Master\_DMA\_FunctionTest\_RTD3.0.0\S32K312\_I2C\_Master\_MCAL\RTD\src\Clock\_Ip\_ProgFreqSwitch.c**

ID	Check	Function	Line	Col	Detail	Jus	Severity	Status	Comment
22854	Division by zero	Clock_Ip_CgmXPcfsSdurDivcdiveDivs()	234	87	Error: scalar division by zero occurs	No	Unset	Unreviewed	

**Table 5.10.****D:\Jessie\3\_NXP\S32DS\_S32K312EVQBQ172\8\_I2C\_Master\_DMA\_FunctionTest\_RTD3.0.0\S32K312\_I2C\_Master\_MCAL\RTD\src\Clock\_Ip\_Selector.c**

ID	Check	Function	Line	Col	Detail	Jus	Severity	Status	Comment
23342	Illegally dereferenced pointer	Clock_Ip_ResetCgmXCscCssClkswSwip()	177	48	Error: pointer is outside its bounds	No	Unset	Unreviewed	
39831	Illegally dereferenced pointer	Clock_Ip_SetCgmXCscCssClkswSwip()	215	71	Error: pointer is outside its bounds	No	Unset	Unreviewed	
23288	Illegally dereferenced pointer	Clock_Ip_ResetCgmXCscCssClkswRampupRampdownSwip()	309	48	Error: pointer is outside its bounds	No	Unset	Unreviewed	
39934	Illegally dereferenced pointer	Clock_Ip_SetCgmXCscCssClkswRampupRampdownSwip()	347	71	Error: pointer is outside its bounds	No	Unset	Unreviewed	
23240	Illegally dereferenced pointer	Clock_Ip_ResetCgmXCscCssCsGrip()	453	48	Error: pointer is outside its bounds	No	Unset	Unreviewed	

ID	Check	Function	Line	Col	Detail	Jus	Severity	Status	Comment
22956	Illegally dereferenced pointer	Clock_Ip_SetCgmXCscCssCsGrip()	518	48	Error: pointer is outside its bounds	No	Unset	Unreviewed	

**Table 5.11.**

**D:\Jessie\3\_NXP\S32DS\_S32K312EVBQ172\8\_I2C\_Master\_DMA\_FunctionTest\_RTD3.0.0\S32K312\_I2C\_Master\_MCAL\RTD\src\Clock\_Ip\_Specific.c**

ID	Check	Function	Line	Col	Detail	Jus	Severity	Status	Comment
23536	Invalid shift operations	Clock_Ip_PllPowerClockIp()	227	90	Error: scalar shift amount is outside its bounds[0..15]	No	Unset	Unreviewed	

**Table 5.12. D:\Jessie\3\_NXP\S32DS\_S32K312EVBQ172\8\_I2C\_Master\_DMA\_FunctionTest\_RTD3.0.0\S32K312\_I2C\_Master\_MCAL\RTD\src\Dma\_Ip.c**

ID	Check	Function	Line	Col	Detail	Jus	Severity	Status	Comment
24206	Illegally dereferenced pointer	Dma_Ip_ConvertLogicChToHwCh()	298	34	Error: pointer is outside its bounds	No	Unset	Unreviewed	
24124	Illegally dereferenced pointer	Dma_Ip_SetLogicInstanceCommand()	689	74	Error: pointer is outside its bounds	No	Unset	Unreviewed	
24214	Illegally dereferenced pointer	Dma_Ip_GetLogicInstanceStatus()	743	74	Error: pointer is outside its bounds	No	Unset	Unreviewed	
24223	Illegally dereferenced pointer	Dma_Ip_SetLogicChannelCommand()	1006	73	Error: pointer is outside its bounds	No	Unset	Unreviewed	
24371	Illegally dereferenced pointer	Dma_Ip_GetLogicChannelStatus()	1103	73	Error: pointer is outside its bounds	No	Unset	Unreviewed	
24412	Illegally dereferenced pointer	Dma_Ip_SetLogicChannelGlobalList()	1173	73	Error: pointer is outside its bounds	No	Unset	Unreviewed	
24487	Illegally dereferenced pointer	Dma_Ip_SetLogicChannelTransferList()	1285	73	Error: pointer is outside its bounds	No	Unset	Unreviewed	
24133	Illegally dereferenced pointer	Dma_Ip_SetLogicChannelScatterGatherList()	1425	73	Error: pointer is outside its bounds	No	Unset	Unreviewed	
24466	Illegally dereferenced pointer	Dma_Ip_GetLogicChannelParameter()	1559	73	Error: pointer is outside its bounds	No	Unset	Unreviewed	
24284	Illegally dereferenced pointer	Dma_Ip_SetLogicChannelScatterGatherConfig()	1618	73	Error: pointer is outside its bounds	No	Unset	Unreviewed	

**Table 5.13.****D:\Jessie\3\_NXP\S32DS\_S32K312EVBQ172\8\_I2C\_Master\_DMA\_FunctionTest\_RTD3.0.0\S32K312\_I2C\_Master\_MCAL\RTD\src\Dma\_Ip\_Driver\_State.c**

ID	Check	Function	Line	Col	Detail	Jus	Severity	Status	Comment
24608	Illegally dereferenced pointer	Dma_Ip_SetHwChannel_ResetEvent()	144	62	Error: pointer is outside its bounds	No	Unset	Unreviewed	
24630	Illegally dereferenced pointer	Dma_Ip_SetHwChannel_ReadyEvent()	157	62	Error: pointer is outside its bounds	No	Unset	Unreviewed	
24615	Illegally dereferenced pointer	Dma_Ip_SetHwChannel_TransferEvent()	170	62	Error: pointer is outside its bounds	No	Unset	Unreviewed	
24637	Illegally dereferenced pointer	Dma_Ip_SetHwChannel_ScatterGatherEvent()	183	62	Error: pointer is outside its bounds	No	Unset	Unreviewed	
24644	Illegally dereferenced pointer	Dma_Ip_SetHwChannel_ErrorEvent()	196	62	Error: pointer is outside its bounds	No	Unset	Unreviewed	

**Table 5.14. D:\Jessie\3\_NXP\S32DS\_S32K312EVBQ172\8\_I2C\_Master\_DMA\_FunctionTest\_RTD3.0.0\S32K312\_I2C\_Master\_MCAL\RTD\src\Dma\_Ip\_Irq.c**

ID	Check	Function	Line	Col	Detail	Jus	Severity	Status	Comment
25402	Non-terminating call	Dma0_Ch0_IRQHandler()	389	4	The called function Dma_Ip_Irq.IrqHandler (in the current context) either contains an error or does not terminate.	No	Unset	Unreviewed	
25407	Non-terminating call	Dma0_Ch4_IRQHandler()	409	4	The called function Dma_Ip_Irq.IrqHandler (in the current context) either contains an error or does not terminate.	No	Unset	Unreviewed	
25405	Non-terminating call	Dma0_Ch8_IRQHandler()	429	4	The called function Dma_Ip_Irq.IrqHandler (in the current context) either contains an error or does not terminate.	No	Unset	Unreviewed	
25404	Non-terminating call	Dma0_Ch12_IRQHandler()	449	4	The called function Dma_Ip_Irq.IrqHandler (in the current context) either contains an error or does not terminate.	No	Unset	Unreviewed	
25409	Non-terminating call	Dma0_Ch16_IRQHandler()	469	4	The called function Dma_Ip_Irq.IrqHandler (in the current context) either contains an error or does not terminate.	No	Unset	Unreviewed	
25403	Non-terminating call	Dma0_Ch20_IRQHandler()	489	4	The called function Dma_Ip_Irq.IrqHandler (in the current context) either contains an error or does not terminate.	No	Unset	Unreviewed	
25406	Non-terminating call	Dma0_Ch24_IRQHandler()	509	4	The called function Dma_Ip_Irq.IrqHandler (in the current context) either contains an error or does not terminate.	No	Unset	Unreviewed	

ID	Check	Function	Line	Col	Detail	Jus	Severity	Status	Comment
25348	Non-terminating call	Dma0_Ch28_IRQHandler()	529	4	The called function Dma_Ip_IrqHandler (in the current context) either contains an error or does not terminate.	No	Unset	Unreviewed	

**Table 5.15.**

**D:\Jessie\3\_NXP\S32DS\_S32K312EVBQ172\8\_I2C\_Master\_DMA\_FunctionTest\_RTD3.0.0\S32K312\_I2C\_Master\_MCAL\RTD\src\Emios\_Mcl\_Ip.c**

ID	Check	Function	Line	Col	Detail	Jus	Severity	Status	Comment
25459	Invalid shift operations	Emios_Mcl_Ip_Init()	204	198	Error: scalar shift amount is outside its bounds[0..15]	No	Unset	Unreviewed	

**Table 5.16.**

**D:\Jessie\3\_NXP\S32DS\_S32K312EVBQ172\8\_I2C\_Master\_DMA\_FunctionTest\_RTD3.0.0\S32K312\_I2C\_Master\_MCAL\RTD\src\Flexio\_Mcl\_Ip\_HwAccess.c**

ID	Check	Function	Line	Col	Detail	Jus	Severity	Status	Comment
25931	Invalid shift operations	Flexio_Mcl_Ip_SetDebugEnable()	179	62	Error: scalar shift amount is outside its bounds[0..15]	No	Unset	Unreviewed	

**Table 5.17. D:\Jessie\3\_NXP\S32DS\_S32K312EVBQ172\8\_I2C\_Master\_DMA\_FunctionTest\_RTD3.0.0\S32K312\_I2C\_Master\_MCAL\RTD\src\Lpi2c\_Ip.c**

ID	Check	Function	Line	Col	Detail	Jus	Severity	Status	Comment
26631	Illegally dereferenced pointer	Lpi2c_Ip_MasterCompleteDMATransfer()	971	14	Error: pointer is outside its bounds	No	Unset	Unreviewed	
40811	Illegally dereferenced pointer	Lpi2c_Ip_MasterSetBaudRate()	1717	13	Error: pointer is outside its bounds	No	Unset	Unreviewed	
40861	Illegally dereferenced pointer	Lpi2c_Ip_MasterGetBaudRate()	2020	38	Error: pointer is outside its bounds	No	Unset	Unreviewed	

**Table 5.18. D:\Jessie\3\_NXP\S32DS\_S32K312EVBQ172\8\_I2C\_Master\_DMA\_FunctionTest\_RTD3.0.0\S32K312\_I2C\_Master\_MCAL\RTD\src\Mcu.c**

ID	Check	Function	Line	Col	Detail	Jus	Severity	Status	Comment
26879	Illegally dereferenced pointer	Mcu_InitClock()	867	47	Error: pointer is outside its bounds	No	Unset	Unreviewed	
26870	Illegally dereferenced pointer	Mcu_SetMode()	917	46	Error: pointer is outside its bounds	No	Unset	Unreviewed	

**Table 5.19. D:\Jessie\3\_NXP\S32DS\_S32K312EVBQ172\8\_I2C\_Master\_DMA\_FunctionTest\_RTD3.0.0\S32K312\_I2C\_Master\_MCAL\RTD\src\Pit\_Ip.c**

ID	Check	Function	Line	Col	Detail	Jus	Severity	Status	Comment
26988	Invalid shift operations	Pit_Ip_GetLifetimeTimer()	1595	37	Error: scalar shift amount is outside its bounds[0..31]	No	Unset	Unreviewed	

**Table 5.20.**

**D:\Jessie\3\_NXP\S32DS\_S32K312EVBQ172\8\_I2C\_Master\_DMA\_FunctionTest\_RTD3.0.0\S32K312\_I2C\_Master\_MCAL\RTD\src\Power\_Ip\_DCM\_GPR.c**

ID	Check	Function	Line	Col	Detail	Jus	Severity	Status	Comment
27225	Invalid shift operations	Power_Ip_DCM_GPR_GlobalPadkeepingConfig()	246	51	Error: scalar shift amount is outside its bounds[0..15]	No	Unset	Unreviewed	

**Table 5.21.**

**D:\Jessie\3\_NXP\S32DS\_S32K312EVBQ172\8\_I2C\_Master\_DMA\_FunctionTest\_RTD3.0.0\S32K312\_I2C\_Master\_MCAL\RTD\src\Power\_Ip\_MC\_RGM.c**

ID	Check	Function	Line	Col	Detail	Jus	Severity	Status	Comment
27265	Non-terminating loop	Power_Ip_MC_RGM_GetResRawValue()	640	8	The loop is infinite or contains a run-time error.	No	Unset	Unreviewed	
27286	Non-terminating loop	Power_Ip_MC_RGM_GetResRawValue()	679	8	The loop is infinite or contains a run-time error.	No	Unset	Unreviewed	

**Table 5.22.**

**D:\Jessie\3\_NXP\S32DS\_S32K312EVBQ172\8\_I2C\_Master\_DMA\_FunctionTest\_RTD3.0.0\S32K312\_I2C\_Master\_MCAL\RTD\src\Siul2\_Port\_Ip.c**

ID	Check	Function	Line	Col	Detail	Jus	Severity	Status	Comment
31101	Invalid shift operations	Siul2_Port_Ip_SetOutputBuffer()	749	69	Error: scalar shift amount is outside its bounds[0..15]	No	Unset	Unreviewed	
31012	Invalid shift operations	Siul2_Port_Ip_SetInputBuffer()	786	73	Error: scalar shift amount is outside its bounds[0..15]	No	Unset	Unreviewed	
31055	Invalid shift operations	Siul2_Port_Ip_SetPinDirection()	843	58	Error: scalar shift amount is outside its bounds[0..15]	No	Unset	Unreviewed	
31071	Invalid shift operations	Siul2_Port_Ip_SetPinDirection()	848	58	Error: scalar shift amount is outside its bounds[0..15]	No	Unset	Unreviewed	

# Proven Unreachable Code Branches

**Table 5.23.**

D:\Jessie\3\_NXP\S32DS\_S32K312EVBQ172\8\_I2C\_Master\_DMA\_FunctionTest\_RTD3.0.0\S32K312\_I2C\_Master\_MCAL\RTD\include\Dma\_Ip\_Hwv3\_Acces  
sInline.h

ID	Check	Function	Line	Col	Detail	Jus	Severity	Status	Comment
25119	Unreachable code	hwv3AccInlineDmaCh_SetMinorLoop_Size()	438	4	The section of code is unreachable or the condition is redundant. If-condition always evaluates to false at line 437 (column 7). Block ends at line 440 (column 4)	No	Unset	Unreviewed	

**Table 5.24. D:\Jessie\3\_NXP\S32DS\_S32K312EVBQ172\8\_I2C\_Master\_DMA\_FunctionTest\_RTD3.0.0\S32K312\_I2C\_Master\_MCAL\RTD\include\Pit\_Ip.h**

ID	Check	Function	Line	Col	Detail	Jus	Severity	Status	Comment
31344	Unreachable code	Pit_Ip_GetInterruptStatusFlag()	234	4	The section of code is unreachable or the condition is redundant. If-condition always evaluates to false at line 233 (column 9). Block ends at line 236 (column 4) The block is only partially unreachable.	No	Unset	Unreviewed	

**Table 5.25. D:\Jessie\3\_NXP\S32DS\_S32K312EVBQ172\8\_I2C\_Master\_DMA\_FunctionTest\_RTD3.0.0\S32K312\_I2C\_Master\_MCAL\RTD\src\CDD\_I2c.c**

ID	Check	Function	Line	Col	Detail	Jus	Severity	Status	Comment
20186	Unreachable code	I2c_CheckInit()	276	4	The section of code is unreachable or the condition is redundant. If-condition always evaluates to false at line 275 (column 9). Block ends at line 279 (column 4)	No	Unset	Unreviewed	
20166	Unreachable code	I2c_CheckInit()	311	8	The section of code is unreachable or the condition is redundant. If-condition always evaluates to true at line 305 (column 13). Block ends at line 328 (column 8)	No	Unset	Unreviewed	
20203	Unreachable code	I2c_CheckMasterTransmit()	361	4	The section of code is unreachable or the condition is redundant. If-condition always evaluates to true at	No	Unset	Unreviewed	



ID	Check	Function	Line	Col	Detail	Jus	Severity	Status	Comment
					t line 354 (column 9). Block ends at line 395 (column 4)				
20230	Unreachable code	I2c_CheckSlaveApi()	429	4	The section of code is unreachable or the condition is redundant. If-condition always evaluates to true at line 422 (column 9). Block ends at line 463 (column 4)	No	Unset	Unreviewed	
20411	Unreachable code	I2c_Init()	500	4	The section of code is unreachable or the condition is redundant. If-condition always evaluates to false at line 499 (column 7). Block ends at line 520 (column 4)	No	Unset	Unreviewed	
20106	Unreachable code	I2c_DeInit()	546	4	The section of code is unreachable or the condition is redundant. If-condition always evaluates to true at line 540 (column 9). Block ends at line 566 (column 4)	No	Unset	Unreviewed	
20261	Unreachable code	I2c_PrepareSlaveBuffer()	589	4	The section of code is unreachable or the condition is redundant. If-condition always evaluates to false at line 588 (column 7). Block ends at line 608 (column 4)	No	Unset	Unreviewed	
20347	Unreachable code	I2c_SyncTransmit()	632	4	The section of code is unreachable or the condition is redundant. If-condition always evaluates to false at line 631 (column 7). Block ends at line 674 (column 4)	No	Unset	Unreviewed	
20043	Unreachable code	I2c_AsyncTransmit()	696	4	The section of code is unreachable or the condition is redundant. If-condition always evaluates to false at line 695 (column 7). Block ends at line 737 (column 4)	No	Unset	Unreviewed	
20478	Unreachable code	I2c_StartListening()	761	4	The section of code is unreachable or the condition is redundant. If-condition always evaluates to false at line 760 (column 7). Block ends at line 781 (column 4)	No	Unset	Unreviewed	
20309	Unreachable code	I2c_GetStatus()	810	4	The section of code is unreachable or the condition is redundant. If-condition always evaluates to true at line 803 (column 9). Block ends at line 834 (column 4)	No	Unset	Unreviewed	

ID	Check	Function	Line	Col	Detail	Jus	Severity	Status	Comment
20199	Unreachable code	I2c_GetVersionInfo()	852	4	The section of code is unreachable or the condition is redundant. If-condition always evaluates to false at line 851 (column 9). Block ends at line 854 (column 4)	No	Unset	Unreviewed	

**Table 5.26. D:\jessie\3\_NXP\S32DS\_S32K312VBQ172\8\_I2C\_Master\_DMA\_FunctionTest\_RTD3.0.0\S32K312\_I2C\_Master\_MCAL\RTD\src\CDD\_Mcl.c**

ID	Check	Function	Line	Col	Detail	Jus	Severity	Status	Comment
20633	Unreachable code	Mcl_ValidatePtrInit()	259	4	The section of code is unreachable or the condition is redundant. If-condition always evaluates to true at line 253 (column 9).	No	Unset	Unreviewed	
20531	Unreachable code	Mcl_Init()	349	4	The section of code is unreachable or the condition is redundant. If-condition always evaluates to false at line 348 (column 7). Block ends at line 427 (column 4)	No	Unset	Unreviewed	
20663	Unreachable code	Mcl_DeInit()	444	4	The section of code is unreachable or the condition is redundant. If-condition always evaluates to false at line 443 (column 8). Block ends at line 483 (column 4)	No	Unset	Unreviewed	
20608	Unreachable code	Mcl_SetDmaInstanceComm and()	507	8	The section of code is unreachable or the condition is redundant. If-condition always evaluates to false at line 506 (column 11). Block ends at line 509 (column 8)	No	Unset	Unreviewed	
20629	Unreachable code	Mcl_GetDmaInstanceStatus()	533	8	The section of code is unreachable or the condition is redundant. If-condition always evaluates to false at line 532 (column 13). Block ends at line 535 (column 8)	No	Unset	Unreviewed	
20598	Unreachable code	Mcl_SetDmaChannelComm and()	562	8	The section of code is unreachable or the condition is redundant. If-condition always evaluates to false at line 561 (column 11). Block ends at line 564 (column 8)	No	Unset	Unreviewed	
20588	Unreachable code	Mcl_GetDmaChannelStatus()	588	8	The section of code is unreachable or the condition is redundant. If-condition always evaluates to false a	No	Unset	Unreviewed	

ID	Check	Function	Line	Col	Detail	Jus	Severity	Status	Comment
					t line 587 (column 13). Block ends at line 590 (column 8)				
20558	Unreachable code	Mcl_SetDmaChannelGlobalList()	626	8	The section of code is unreachable or the condition is redundant. If-condition always evaluates to false at line 625 (column 11). Block ends at line 630 (column 8)	No	Unset	Unreviewed	
20643	Unreachable code	Mcl_SetDmaChannelTransferList()	662	8	The section of code is unreachable or the condition is redundant. If-condition always evaluates to false at line 661 (column 11). Block ends at line 666 (column 8)	No	Unset	Unreviewed	
20700	Unreachable code	Mcl_SetDmaChannelScatterGatherList()	698	8	The section of code is unreachable or the condition is redundant. If-condition always evaluates to false at line 697 (column 11). Block ends at line 702 (column 8)	No	Unset	Unreviewed	
20689	Unreachable code	Mcl_GetDmaChannelParam0	725	8	The section of code is unreachable or the condition is redundant. If-condition always evaluates to false at line 724 (column 11). Block ends at line 727 (column 8)	No	Unset	Unreviewed	

**Table 5.27. D:\jessie\3\_NXP\S32DS\_S32K312EV\BQ172\8\_I2C\_Master\_DMA\_FunctionTest\_RTD3.0.0\S32K312\_I2C\_Master\_MCAL\RTD\src\CDD\_Rm.c**

ID	Check	Function	Line	Col	Detail	Jus	Severity	Status	Comment
20719	Unreachable code	Rm_ValidateGlobalCall()	191	4	The section of code is unreachable or the condition is redundant. If-condition always evaluates to false at line 190 (column 9). Block ends at line 200 (column 4)	No	Unset	Unreviewed	
20721	Unreachable code	Rm_ValidateGlobalCall()	208	8	The section of code is unreachable or the condition is redundant. If-condition always evaluates to true at line 203 (column 13). Block ends at line 210 (column 8)	No	Unset	Unreviewed	
20726	Unreachable code	Rm_ValidatePtrInit()	249	8	The section of code is unreachable or the condition is redundant. If-condition always evaluates to true at line 243 (column 13).	No	Unset	Unreviewed	
20730	Unreachable code	Rm_Init()	336	4	The section of code is unreachable or the condition is redundant.	No	Unset	Unreviewed	

ID	Check	Function	Line	Col	Detail	Jus	Severity	Status	Comment
					If-condition always evaluates to true at line 336 (column 8).				
20734	Unreachable code	Rm_Init()	340	8	The section of code is unreachable or the condition is redundant. If-condition always evaluates to false at line 339 (column 12). Block ends at line 381 (column 8)	No	Unset	Unreviewed	

**Table 5.28. D:\jessie\3\_NXP\S32DS\_S32K312EV\BQ172\8\_I2C\_Master\_DMA\_FunctionTest\_RTD3.0.0\S32K312\_I2C\_Master\_MCAL\RTD\src\CDD\_Uart.c**

ID	Check	Function	Line	Col	Detail	Jus	Severity	Status	Comment
20956	Unreachable code	Uart_Init()	550	4	The section of code is unreachable or the condition is redundant. If-condition always evaluates to false at line 549 (column 8). Block ends at line 558 (column 4)	No	Unset	Unreviewed	
20903	Unreachable code	Uart_Init()	616	8	The section of code is unreachable or the condition is redundant. If-condition always evaluates to true at line 592 (column 13). Block ends at line 640 (column 8)	No	Unset	Unreviewed	
20837	Unreachable code	Uart_Deinit()	668	4	The section of code is unreachable or the condition is redundant. If-condition always evaluates to true at line 657 (column 8). Block ends at line 726 (column 4)	No	Unset	Unreviewed	
20759	Unreachable code	Uart_SetBaudrate()	751	4	The section of code is unreachable or the condition is redundant. If-condition always evaluates to true at line 740 (column 8). Block ends at line 811 (column 4)	No	Unset	Unreviewed	
20746	Unreachable code	Uart_GetBaudrate()	835	4	The section of code is unreachable or the condition is redundant. If-condition always evaluates to true at line 825 (column 8). Block ends at line 894 (column 4)	No	Unset	Unreviewed	
20822	Unreachable code	Uart_Abort()	918	4	The section of code is unreachable or the condition is redundant. If-condition always evaluates to true at line 908 (column 8). Block ends at line 973 (column 4)	No	Unset	Unreviewed	

ID	Check	Function	Line	Col	Detail	Jus	Severity	Status	Comment
20960	Unreachable code	Uart_SetBuffer()	995	4	The section of code is unreachable or the condition is redundant. If-condition always evaluates to true at line 985 (column 8). Block ends at line 1033 (column 4)	No	Unset	Unreviewed	
20978	Unreachable code	Uart_SyncSend()	1057	4	The section of code is unreachable or the condition is redundant. If-condition always evaluates to true at line 1047 (column 8). Block ends at line 1095 (column 4)	No	Unset	Unreviewed	
20998	Unreachable code	Uart_SyncReceive()	1121	4	The section of code is unreachable or the condition is redundant. If-condition always evaluates to true at line 1111 (column 8). Block ends at line 1159 (column 4)	No	Unset	Unreviewed	
20784	Unreachable code	Uart_AsyncReceive()	1183	4	The section of code is unreachable or the condition is redundant. If-condition always evaluates to true at line 1173 (column 8). Block ends at line 1221 (column 4)	No	Unset	Unreviewed	
20803	Unreachable code	Uart_AsyncSend()	1245	4	The section of code is unreachable or the condition is redundant. If-condition always evaluates to true at line 1235 (column 8). Block ends at line 1283 (column 4)	No	Unset	Unreviewed	
21018	Unreachable code	Uart_GetStatus()	1307	4	The section of code is unreachable or the condition is redundant. If-condition always evaluates to true at line 1297 (column 8). Block ends at line 1374 (column 4)	No	Unset	Unreviewed	
21046	Unreachable code	Uart_GetVersionInfo()	1383	4	The section of code is unreachable or the condition is redundant. If-condition always evaluates to false at line 1382 (column 9). Block ends at line 1391 (column 4)	No	Unset	Unreviewed	

**Table 5.29. D:\jessie\3\_NXP\S32DS\_S32K312EV BQ172\8\_I2C\_Master\_DMA\_FunctionTest\_RTD3.0.0\S32K312\_I2C\_Master\_MCAL\RTD\src\Clock\_Ip.c**

ID	Check	Function	Line	Col	Detail	Jus	Severity	Status	Comment
21637	Unreachable code	Clock_Ip_GetPllStatus()	935	4	The section of code is unreachable or the condition is redundant. For-condition always evaluates to fals	No	Unset	Unreviewed	

ID	Check	Function	Line	Col	Detail	Jus	Severity	Status	Comment
					e at line 934 (column 21). Block ends at line 950 (column 4)				
21657	Unreachable code	Clock_Ip_GetPllStatus()	953	4	The section of code is unreachable or the condition is redundant. If-condition always evaluates to false at line 952 (column 8). Block ends at line 964 (column 4)	No	Unset	Unreviewed	
21512	Unreachable code	Clock_Ip_DistributePll()	986	4	The section of code is unreachable or the condition is redundant. If-condition always evaluates to true at line 986 (column 9).	No	Unset	Unreviewed	
21548	Unreachable code	Clock_Ip_DistributePll()	1002	8	The section of code is unreachable or the condition is redundant. If-condition always evaluates to false at line 1001 (column 13). Block ends at line 1020 (column 8)	No	Unset	Unreviewed	

**Table 5.30.**

**D:\Jessie\3\_NXP\S32DS\_S32K312EV BQ172\8\_I2C\_Master\_DMA\_FunctionTest\_RTD3.0.0\S32K312\_I2C\_Master\_MCAL\RTD\src\Clock\_Ip\_Divider.c**

ID	Check	Function	Line	Col	Detail	Jus	Severity	Status	Comment
39585	Unreachable code	Clock_Ip_SetCgmXDeDivStatWithoutPhase()	230	4	The section of code is unreachable or the condition is redundant. If-condition always evaluates to true at line 169 (column 9). Block ends at line 242 (column 4)	No	Unset	Unreviewed	
21785	Unreachable code	Clock_Ip_SetPllPll0divDeDivOutput()	270	4	The section of code is unreachable or the condition is redundant. If-condition always evaluates to true at line 253 (column 9). Block ends at line 274 (column 4)	No	Unset	Unreviewed	
21757	Unreachable code	Clock_Ip_SetPllPlldvOdiv2Output()	297	4	The section of code is unreachable or the condition is redundant. If-condition always evaluates to true at line 286 (column 9). Block ends at line 301 (column 4)	No	Unset	Unreviewed	

**Table 5.31.**

D:\Jessie\3\_NXP\S32DS\_S32K312EVBQ172\8\_I2C\_Master\_DMA\_FunctionTest\_RTD3.0.0\S32K312\_I2C\_Master\_MCAL\RTD\src\Clock\_Ip\_DividerTrigger.c

ID	Check	Function	Line	Col	Detail	Jus	Severity	Status	Comment
21934	Unreachable code	Clock_Ip_ConfigureCgmXDivTrigCtrlTctlHhenUpdStat()	163	4	The section of code is unreachable or the condition is redundant. If-condition always evaluates to true at line 147 (column 9). Block ends at line 167 (column 4)	No	Unset	Unreviewed	
39609	Unreachable code	Clock_Ip_TriggerUpdateCgmXDivTrigCtrlTctlHhenUpdStat()	209	4	The section of code is unreachable or the condition is redundant. If-condition always evaluates to true at line 181 (column 9). Block ends at line 217 (column 4)	No	Unset	Unreviewed	

**Table 5.32.**

D:\Jessie\3\_NXP\S32DS\_S32K312EVBQ172\8\_I2C\_Master\_DMA\_FunctionTest\_RTD3.0.0\S32K312\_I2C\_Master\_MCAL\RTD\src\Clock\_Ip\_ExtOsc.c

ID	Check	Function	Line	Col	Detail	Jus	Severity	Status	Comment
22090	Unreachable code	Clock_Ip_ResetFoscOsconBypEocvGmSel()	184	4	The section of code is unreachable or the condition is redundant. If-condition always evaluates to true at line 176 (column 9). Block ends at line 186 (column 4)	No	Unset	Unreviewed	
22010	Unreachable code	Clock_Ip_SetFoscOsconBypEocvGmSel()	225	4	The section of code is unreachable or the condition is redundant. If-condition always evaluates to true at line 194 (column 9). Block ends at line 227 (column 4)	No	Unset	Unreviewed	
22177	Unreachable code	Clock_Ip_CompleteFoscOsconBypEocvGmSel()	261	20	The section of code is unreachable or the condition is redundant. If-condition always evaluates to true at line 261 (column 24).	No	Unset	Unreviewed	
22147	Unreachable code	Clock_Ip_CompleteFoscOsconBypEocvGmSel()	277	4	The section of code is unreachable or the condition is redundant. If-condition always evaluates to true at line 238 (column 9). Block ends at line 284 (column 4)	No	Unset	Unreviewed	
22041	Unreachable code	Clock_Ip_EnableFoscOsconBypEocvGmSel()	308	4	The section of code is unreachable or the condition is redundant. If-condition always evaluates to true at	No	Unset	Unreviewed	

ID	Check	Function	Line	Col	Detail	Jus	Severity	Status	Comment
					t line 297 (column 9). Block ends at line 310 (column 4)				
22114	Unreachable code	Clock_Ip_ResetSxoscOsconEocv()	327	4	The section of code is unreachable or the condition is redundant. If-condition always evaluates to true at line 319 (column 9). Block ends at line 329 (column 4)	No	Unset	Unreviewed	
22128	Unreachable code	Clock_Ip_SetSxoscOsconEocv()	355	4	The section of code is unreachable or the condition is redundant. If-condition always evaluates to true at line 337 (column 9). Block ends at line 357 (column 4)	No	Unset	Unreviewed	
22085	Unreachable code	Clock_Ip_CompleteSxoscOsconEocv()	385	16	The section of code is unreachable or the condition is redundant. If-condition always evaluates to true at line 385 (column 20).	No	Unset	Unreviewed	
22058	Unreachable code	Clock_Ip_CompleteSxoscOsconEocv()	400	4	The section of code is unreachable or the condition is redundant. If-condition always evaluates to true at line 368 (column 9). Block ends at line 407 (column 4)	No	Unset	Unreviewed	

**Table 5.33.**

**D:\Jessie\3\_NXP\S32DS\_S32K312EVBQ172\8\_I2C\_Master\_DMA\_FunctionTest\_RTD3.0.0\S32K312\_I2C\_Master\_MCAL\RTD\src\Clock\_Ip\_Gate.c**

ID	Check	Function	Line	Col	Detail	Jus	Severity	Status	Comment
22248	Unreachable code	Clock_Ip_ClockSetGateMcMePartitionCollectionClockRequest()	234	4	The section of code is unreachable or the condition is redundant. If-condition always evaluates to true at line 165 (column 9). Block ends at line 243 (column 4)	No	Unset	Unreviewed	

**Table 5.34.**

**D:\Jessie\3\_NXP\S32DS\_S32K312EVBQ172\8\_I2C\_Master\_DMA\_FunctionTest\_RTD3.0.0\S32K312\_I2C\_Master\_MCAL\RTD\src\Clock\_Ip\_IntOsc.c**

ID	Check	Function	Line	Col	Detail	Jus	Severity	Status	Comment
22360	Unreachable code	Clock_Ip_SetFircStdby()	162	4	The section of code is unreachable or the condition is redundant. If-condition always evaluates to true at line 162 (column 9).	No	Unset	Unreviewed	



ID	Check	Function	Line	Col	Detail	Jus	Severity	Status	Comment
22311	Unreachable code	Clock_Ip_SetSircStdby()	192	4	The section of code is unreachable or the condition is redundant. If-condition always evaluates to true at line 192 (column 9).	No	Unset	Unreviewed	
22334	Unreachable code	Clock_Ip_SetFircDivSelHSEb0)	257	12	The section of code is unreachable or the condition is redundant. If-condition always evaluates to false at line 256 (column 17). Block ends at line 280 (column 12)	No	Unset	Unreviewed	
39671	Unreachable code	Clock_Ip_SetFircDivSelHSEb0)	289	4	The section of code is unreachable or the condition is redundant. If-condition always evaluates to true at line 234 (column 9). Block ends at line 297 (column 4)	No	Unset	Unreviewed	

**Table 5.35.**

**D:\jessie\3\_NXP\S32DS\_S32K312EVbQ172\8\_I2C\_Master\_DMA\_FunctionTest\_RTD3.0.0\S32K312\_I2C\_Master\_MCAL\RTD\src\Clock\_Ip\_Monitor.c**

ID	Check	Function	Line	Col	Detail	Jus	Severity	Status	Comment
22600	Unreachable code	Clock_Ip_ResetCmuFcFceRefCntLfrefHfref()	325	4	The section of code is unreachable or the condition is redundant. If-condition always evaluates to true at line 325 (column 9).	No	Unset	Unreviewed	
22442	Unreachable code	Clock_Ip_SetCmuFcFceRefCntLfrefHfref()	410	4	The section of code is unreachable or the condition is redundant. If-condition always evaluates to true at line 349 (column 9). Block ends at line 425 (column 4)	No	Unset	Unreviewed	
22383	Unreachable code	Clock_Ip_EnableCmuFcFceRefCntLfrefHfref()	450	4	The section of code is unreachable or the condition is redundant. If-condition always evaluates to true at line 434 (column 9). Block ends at line 454 (column 4)	No	Unset	Unreviewed	
22410	Unreachable code	Clock_Ip_CMU_ClockFailInt()	517	8	The section of code is unreachable or the condition is redundant. If-condition always evaluates to true at line 497 (column 12). Block ends at line 520 (column 8)	No	Unset	Unreviewed	

**Table 5.36. D:\Jessie\3\_NXP\S32DS\_S32K312EVBQ172\8\_I2C\_Master\_DMA\_FunctionTest\_RTD3.0.0\S32K312\_I2C\_Master\_MCAL\RTD\src\Clock\_Ip\_Pll.c**

ID	Check	Function	Line	Col	Detail	Jus	Severity	Status	Comment
39706	Unreachable code	Clock_Ip_ResetPllRdivMfiMfnOdiv2SdmenSsscgbypSpreadctlStepnoStepsize()	196	4	The section of code is unreachable or the condition is redundant. If-condition always evaluates to true at line 183 (column 9). Block ends at line 199 (column 4)	No	Unset	Unreviewed	
39715	Unreachable code	Clock_Ip_SetPllRdivMfiMfnOdiv2SdmenSsscgbypSpreadctlStepnoStepsize()	241	4	The section of code is unreachable or the condition is redundant. If-condition always evaluates to true at line 206 (column 9). Block ends at line 244 (column 4)	No	Unset	Unreviewed	
22645	Unreachable code	Clock_Ip_CompletePllRdivMfiMfnOdiv2SdmenSsscgbypSpreadctlStepnoStepsize()	277	4	The section of code is unreachable or the condition is redundant. If-condition always evaluates to true at line 258 (column 8). Block ends at line 279 (column 4)	No	Unset	Unreviewed	
22620	Unreachable code	Clock_Ip_EnablePllRdivMfiMfnOdiv2SdmenSsscgbypSpreadctlStepnoStepsize()	299	4	The section of code is unreachable or the condition is redundant. If-condition always evaluates to true at line 287 (column 9). Block ends at line 301 (column 4)	No	Unset	Unreviewed	

**Table 5.37.**

**D:\Jessie\3\_NXP\S32DS\_S32K312EVBQ172\8\_I2C\_Master\_DMA\_FunctionTest\_RTD3.0.0\S32K312\_I2C\_Master\_MCAL\RTD\src\Clock\_Ip\_ProgFreqSwitch.c**

ID	Check	Function	Line	Col	Detail	Jus	Severity	Status	Comment
39727	Unreachable code	Clock_Ip_CgmXPcfsSdurDivcDiveDivs()	300	4	The section of code is unreachable or the condition is redundant. If-condition always evaluates to true at line 206 (column 9). Block ends at line 318 (column 4)	No	Unset	Unreviewed	

**Table 5.38.**

**D:\Jessie\3\_NXP\S32DS\_S32K312EVBQ172\8\_I2C\_Master\_DMA\_FunctionTest\_RTD3.0.0\S32K312\_I2C\_Master\_MCAL\RTD\src\Clock\_Ip\_Selector.c**

ID	Check	Function	Line	Col	Detail	Jus	Severity	Status	Comment
23344	Unreachable code	Clock_Ip_ResetCgmXCscCssClkswSwip()	181	4	The section of code is unreachable or the condition is redundant. If-condition always evaluates to true at line 181 (column 9).	No	Unset	Unreviewed	

ID	Check	Function	Line	Col	Detail	Jus	Severity	Status	Comment
					t line 171 (column 9). Block ends at line 185 (column 4)				
39832	Unreachable code	Clock_Ip_SetCgmXCscCssClkswSwip()	278	4	The section of code is unreachable or the condition is redundant. If-condition always evaluates to true at line 205 (column 9). Block ends at line 289 (column 4)	No	Unset	Unreviewed	
23290	Unreachable code	Clock_Ip_ResetCgmXCscCssClkswRampupRampdownSwip()	313	4	The section of code is unreachable or the condition is redundant. If-condition always evaluates to true at line 302 (column 9). Block ends at line 317 (column 4)	No	Unset	Unreviewed	
39928	Unreachable code	Clock_Ip_SetCgmXCscCssClkswRampupRampdownSwip()	413	4	The section of code is unreachable or the condition is redundant. If-condition always evaluates to true at line 337 (column 9). Block ends at line 424 (column 4)	No	Unset	Unreviewed	
39904	Unreachable code	Clock_Ip_ResetCgmXCscCssCsGrip()	480	4	The section of code is unreachable or the condition is redundant. If-condition always evaluates to true at line 444 (column 9). Block ends at line 491 (column 4)	No	Unset	Unreviewed	
39795	Unreachable code	Clock_Ip_SetCgmXCscCssCsGrip()	558	4	The section of code is unreachable or the condition is redundant. If-condition always evaluates to true at line 509 (column 9). Block ends at line 569 (column 4)	No	Unset	Unreviewed	
23063	Unreachable code	Clock_Ip_SetRtcRtccClksel()	576	4	The section of code is unreachable or the condition is redundant. If-condition always evaluates to true at line 576 (column 9).	No	Unset	Unreviewed	

**Table 5.39.**

**D:\Jessie\3\_NXP\S32DS\_S32K312EVBQ172\8\_I2C\_Master\_DMA\_FunctionTest\_RTD3.0.0\S32K312\_I2C\_Master\_MCAL\RTD\src\Clock\_Ip\_Specific.c**

ID	Check	Function	Line	Col	Detail	Jus	Severity	Status	Comment
23540	Unreachable code	Clock_Ip_PllPowerClockIp()	224	4	The section of code is unreachable or the condition is redundant. If-condition always evaluates to true at line 224 (column 8).	No	Unset	Unreviewed	

ID	Check	Function	Line	Col	Detail	Jus	Severity	Status	Comment
23585	Unreachable code	Clock_Ip_CodeInRamSetFlashWaitStates()	405	13	The section of code is unreachable or the condition is redundant. If-condition always evaluates to true at line 401 (column 12).	No	Unset	Unreviewed	
23587	Unreachable code	Clock_Ip_CodeInRamSetFlashWaitStates()	419	4	The section of code is unreachable or the condition is redundant. If-condition always evaluates to true at line 399 (column 8). Block ends at line 436 (column 4)	No	Unset	Unreviewed	

**Table 5.40. D:\Jessie\3\_NXP\S32DS\_S32K312EVBQ172\8\_I2C\_Master\_DMA\_FunctionTest\_RTD3.0.0\S32K312\_I2C\_Master\_MCAL\RTD\src\Dma\_Ip.c**

ID	Check	Function	Line	Col	Detail	Jus	Severity	Status	Comment
24356	Unreachable code	Dma_Ip_IntIrqHandler()	1818	4	The section of code is unreachable or the condition is redundant. If-condition always evaluates to false at line 1817 (column 8). Block ends at line 1823 (column 4)	No	Unset	Unreviewed	

**Table 5.41.**

**D:\Jessie\3\_NXP\S32DS\_S32K312EVBQ172\8\_I2C\_Master\_DMA\_FunctionTest\_RTD3.0.0\S32K312\_I2C\_Master\_MCAL\RTD\src\Dma\_Ip\_Driver\_State.c**

ID	Check	Function	Line	Col	Detail	Jus	Severity	Status	Comment
24617	Unreachable code	Dma_Ip_GetHwChannelStatePointer()	254	4	The section of code is unreachable or the condition is redundant. If-condition always evaluates to true at line 254 (column 8).	No	Unset	Unreviewed	

**Table 5.42. D:\Jessie\3\_NXP\S32DS\_S32K312EVBQ172\8\_I2C\_Master\_DMA\_FunctionTest\_RTD3.0.0\S32K312\_I2C\_Master\_MCAL\RTD\src\Dma\_Ip\_Irq.c**

ID	Check	Function	Line	Col	Detail	Jus	Severity	Status	Comment
25378	Unreachable code	IrqHandler()	368	4	The section of code is unreachable or the condition is redundant. If-condition always evaluates to false at line 367 (column 8). Block ends at line 375 (column 4)	No	Unset	Unreviewed	

**Table 5.43.****D:\Jessie\3\_NXP\S32DS\_S32K312EVBQ172\8\_I2C\_Master\_DMA\_FunctionTest\_RTD3.0.0\S32K312\_I2C\_Master\_MCAL\RTD\src\Emios\_Mcl\_Ip.c**

ID	Check	Function	Line	Col	Detail	Jus	Severity	Status	Comment
25736	Unreachable code	Emios_Mcl_Ip_Init()	197	8	The section of code is unreachable or the condition is redundant. If-condition always evaluates to false at line 196 (column 12). Block ends at line 199 (column 8)	No	Unset	Unreviewed	
25788	Unreachable code	Emios_Mcl_Ip_Deinit()	351	8	The section of code is unreachable or the condition is redundant. If-condition always evaluates to true at line 346 (column 12). Block ends at line 376 (column 8)	No	Unset	Unreviewed	
25746	Unreachable code	Emios_Mcl_Ip_ValidateChannel()	412	4	The section of code is unreachable or the condition is redundant. If-condition always evaluates to false at line 411 (column 8). Block ends at line 414 (column 4)	No	Unset	Unreviewed	
25758	Unreachable code	Emios_Mcl_Ip_SetCounterBusPeriod()	434	10	The section of code is unreachable or the condition is redundant.	No	Unset	Unreviewed	
25772	Unreachable code	Emios_Mcl_Ip_SetCounterBusPeriod()	435	4	The section of code is unreachable or the condition is redundant. If-condition always evaluates to false at line 432 (column 8). Block ends at line 437 (column 4)	No	Unset	Unreviewed	

**Table 5.44.****D:\Jessie\3\_NXP\S32DS\_S32K312EVBQ172\8\_I2C\_Master\_DMA\_FunctionTest\_RTD3.0.0\S32K312\_I2C\_Master\_MCAL\RTD\src\Flexio\_Mcl\_Ip\_HwAccess.c**

ID	Check	Function	Line	Col	Detail	Jus	Severity	Status	Comment
25999	Unreachable code	Flexio_Mcl_Ip_SetSoftwareReset()	164	56	The section of code is unreachable or the condition is redundant.	No	Unset	Unreviewed	
26032	Unreachable code	Flexio_Mcl_Ip_SetEnable()	193	56	The section of code is unreachable or the condition is redundant.	No	Unset	Unreviewed	

**Table 5.45. D:\jessie\3\_NXP\S32DS\_S32K312EVBQ172\8\_I2C\_Master\_DMA\_FunctionTest\_RTD3.0.0\S32K312\_I2C\_Master\_MCAL\RTD\src\Gpt.c**

ID	Check	Function	Line	Col	Detail	Jus	Severity	Status	Comment
26109	Unreachable code	Gpt_ValidateChannelCall()	375	4	The section of code is unreachable or the condition is redundant. If-condition always evaluates to true at line 364 (column 9). Block ends at line 405 (column 4)	No	Unset	Unreviewed	
26180	Unreachable code	Gpt_ValidateGlobalCall()	454	4	The section of code is unreachable or the condition is redundant. If-condition always evaluates to true at line 435 (column 9). Block ends at line 469 (column 4)	No	Unset	Unreviewed	
26129	Unreachable code	Gpt_ValidateParamPtrInit()	841	4	The section of code is unreachable or the condition is redundant. If-condition always evaluates to true at line 830 (column 9). Block ends at line 843 (column 4)	No	Unset	Unreviewed	
26067	Unreachable code	Gpt_Init()	1269	4	The section of code is unreachable or the condition is redundant. If-condition always evaluates to true at line 1269 (column 7).	No	Unset	Unreviewed	
26070	Unreachable code	Gpt_Init()	1275	8	The section of code is unreachable or the condition is redundant. If-condition always evaluates to false at line 1274 (column 11). Block ends at line 1324 (column 8)	No	Unset	Unreviewed	
26190	Unreachable code	Gpt_DeInit()	1362	4	The section of code is unreachable or the condition is redundant. If-condition always evaluates to false at line 1361 (column 7). Block ends at line 1416 (column 4)	No	Unset	Unreviewed	
26350	Unreachable code	Gpt_StartTimer()	1671	4	The section of code is unreachable or the condition is redundant. If-condition always evaluates to false at line 1670 (column 7). Block ends at line 1711 (column 4)	No	Unset	Unreviewed	
26293	Unreachable code	Gpt_StopTimer()	1749	4	The section of code is unreachable or the condition is redundant. If-condition always evaluates to false at line 1748 (column 7). Block ends at line 1783 (column 4)	No	Unset	Unreviewed	

ID	Check	Function	Line	Col	Detail	Jus	Severity	Status	Comment
26410	Unreachable code	Gpt_EnableNotification()	1815	4	The section of code is unreachable or the condition is redundant. If-condition always evaluates to false at line 1814 (column 7). Block ends at line 1837 (column 4)	No	Unset	Unreviewed	
26134	Unreachable code	Gpt_DisableNotification()	1872	4	The section of code is unreachable or the condition is redundant. If-condition always evaluates to false at line 1871 (column 7). Block ends at line 1900 (column 4)	No	Unset	Unreviewed	
26250	Unreachable code	Gpt_ProcessCommonInterrupt()	2207	4	The section of code is unreachable or the condition is redundant. If-condition always evaluates to false at line 2206 (column 8). Block ends at line 2233 (column 4)	No	Unset	Unreviewed	

**Table 5.46.** D:\Jessie\3\_NXP\S32DS\_S32K312EVBQ172\8\_I2C\_Master\_DMA\_FunctionTest\_RTD3.0.0\S32K312\_I2C\_Master\_MCAL\RTD\src\Lpi2c\_Ip.c

ID	Check	Function	Line	Col	Detail	Jus	Severity	Status	Comment
26562	Unreachable code	Lpi2c_Ip_ModuleIRQHandler()	3122	4	The section of code is unreachable or the condition is redundant. If-condition always evaluates to false at line 3121 (column 8). Block ends at line 3159 (column 4)	No	Unset	Unreviewed	

**Table 5.47.**

D:\Jessie\3\_NXP\S32DS\_S32K312EVBQ172\8\_I2C\_Master\_DMA\_FunctionTest\_RTD3.0.0\S32K312\_I2C\_Master\_MCAL\RTD\src\Lpuart\_Uart\_Ip.c

ID	Check	Function	Line	Col	Detail	Jus	Severity	Status	Comment
26778	Unreachable code	Lpuart_Uart_Ip_IrqHandler()	1201	4	The section of code is unreachable or the condition is redundant. If-condition always evaluates to true at line 1192 (column 9). Block ends at line 1245 (column 4)	No	Unset	Unreviewed	

**Table 5.48.** D:\Jessie\3\_NXP\S32DS\_S32K312EVBQ172\8\_I2C\_Master\_DMA\_FunctionTest\_RTD3.0.0\S32K312\_I2C\_Master\_MCAL\RTD\src\Mcu.c

ID	Check	Function	Line	Col	Detail	Jus	Severity	Status	Comment
26874	Unreachable code	Mcu_ClkSrcFailureNotification()	1439	44	The section of code is unreachable or the condition is redundant.	No	Unset	Unreviewed	

ID	Check	Function	Line	Col	Detail	Jus	Severity	Status	Comment
26878	Unreachable code	Mcu_ClkSrcFailureNotification()	1440	4	The section of code is unreachable or the condition is redundant. If-condition always evaluates to false at line 1439 (column 9).	No	Unset	Unreviewed	

**Table 5.49. D:\Jessie\3\_NXP\S32DS\_S32K312EVQB172\8\_I2C\_Master\_DMA\_FunctionTest\_RTD3.0.0\S32K312\_I2C\_Master\_MCAL\RTD\src\Mcu\_Ipw.c**

ID	Check	Function	Line	Col	Detail	Jus	Severity	Status	Comment
26898	Unreachable code	Mcu_Ipw_GetPllStatus()	449	8	The section of code is unreachable or the condition is redundant. Switch-expression never evaluates to 0 at line 447 (column 11).	No	Unset	Unreviewed	
26899	Unreachable code	Mcu_Ipw_GetPllStatus()	454	8	The section of code is unreachable or the condition is redundant. Switch-expression never evaluates to 1 at line 447 (column 11).	No	Unset	Unreviewed	

**Table 5.50. D:\Jessie\3\_NXP\S32DS\_S32K312EVQB172\8\_I2C\_Master\_DMA\_FunctionTest\_RTD3.0.0\S32K312\_I2C\_Master\_MCAL\RTD\src\OsIf\_Timer.c**

ID	Check	Function	Line	Col	Detail	Jus	Severity	Status	Comment
26921	Unreachable code	OsIf_Init()	235	4	The section of code is unreachable or the condition is redundant. If-condition always evaluates to true at line 235 (column 8).	No	Unset	Unreviewed	
26909	Unreachable code	OsIf_GetCounter()	273	8	The section of code is unreachable or the condition is redundant. Default switch clause is unreachable. switch-expression at line 259 (column 12).	No	Unset	Unreviewed	
26925	Unreachable code	OsIf_GetElapsed()	297	8	The section of code is unreachable or the condition is redundant. Default switch clause is unreachable. switch-expression at line 283 (column 12).	No	Unset	Unreviewed	
26913	Unreachable code	OsIf_SetTimerFrequency()	320	8	The section of code is unreachable or the condition is redundant. Default switch clause is unreachable. switch-expression at line 306 (column 12).	No	Unset	Unreviewed	
26918	Unreachable code	OsIf_MicrosToTicks()	342	8	The section of code is unreachable or the condition is redundant. Default switch clause is unreachable. switch-expression at line 326 (column 12).	No	Unset	Unreviewed	



ID	Check	Function	Line	Col	Detail	Jus	Severity	Status	Comment
					witch-expression at line 328 (column 12).				

**Table 5.51. D:\jessie\3\_NXP\S32DS\_S32K312EVBQ172\8\_I2C\_Master\_DMA\_FunctionTest\_RTD3.0.0\S32K312\_I2C\_Master\_MCAL\RTD\src\Pit\_Ip.c**

ID	Check	Function	Line	Col	Detail	Jus	Severity	Status	Comment
26967	Unreachable code	Pit_Ip_EnableTimer()	476	8	The section of code is unreachable or the condition is redundant. If-condition always evaluates to true at line 460 (column 12). Block ends at line 489 (column 8)	No	Unset	Unreviewed	
27010	Unreachable code	Pit_Ip_SetChainMode()	537	8	The section of code is unreachable or the condition is redundant. If-condition always evaluates to true at line 532 (column 12). Block ends at line 539 (column 8)	No	Unset	Unreviewed	
27000	Unreachable code	Pit_Ip_SetEnableInterruptFlag()	710	8	The section of code is unreachable or the condition is redundant. If-condition always evaluates to false at line 709 (column 12). Block ends at line 723 (column 8)	No	Unset	Unreviewed	
27032	Unreachable code	Pit_Ip_ProcessCommonInterrupt()	954	4	The section of code is unreachable or the condition is redundant. If-condition always evaluates to true at line 954 (column 8).	No	Unset	Unreviewed	
27066	Unreachable code	Pit_Ip_ProcessCommonInterrupt()	983	12	The section of code is unreachable or the condition is redundant. If-condition always evaluates to false at line 982 (column 15). Block ends at line 985 (column 12)	No	Unset	Unreviewed	
27070	Unreachable code	Pit_Ip_ProcessCommonInterrupt()	988	33	The section of code is unreachable or the condition is redundant.	No	Unset	Unreviewed	
27072	Unreachable code	Pit_Ip_ProcessCommonInterrupt()	989	12	The section of code is unreachable or the condition is redundant. If-condition always evaluates to false at line 988 (column 16). Block ends at line 991 (column 12)	No	Unset	Unreviewed	

**Table 5.52. D:\Jessie\3\_NXP\S32DS\_S32K312EVBQ172\8\_I2C\_Master\_DMA\_FunctionTest\_RTD3.0.0\S32K312\_I2C\_Master\_MCAL\RTD\src\Port.c**

ID	Check	Function	Line	Col	Detail	Jus	Severity	Status	Comment
27126	Unreachable code	Port_Init()	185	4	The section of code is unreachable or the condition is redundant. If-condition always evaluates to true at line 178 (column 9). Block ends at line 203 (column 4)	No	Unset	Unreviewed	
27170	Unreachable code	Port_SetPinDirection()	236	4	The section of code is unreachable or the condition is redundant. If-condition always evaluates to true at line 230 (column 9). Block ends at line 250 (column 4)	No	Unset	Unreviewed	
27149	Unreachable code	Port_SetPinMode()	340	4	The section of code is unreachable or the condition is redundant. If-condition always evaluates to true at line 334 (column 9). Block ends at line 354 (column 4)	No	Unset	Unreviewed	
27138	Unreachable code	Port_RefreshPortDirection()	379	9	The section of code is unreachable or the condition is redundant. If-condition always evaluates to true at line 375 (column 9).	No	Unset	Unreviewed	
27168	Unreachable code	Port_GetVersionInfo()	412	4	The section of code is unreachable or the condition is redundant. If-condition always evaluates to false at line 411 (column 9). Block ends at line 414 (column 4)	No	Unset	Unreviewed	

**Table 5.53.**

**D:\Jessie\3\_NXP\S32DS\_S32K312EVBQ172\8\_I2C\_Master\_DMA\_FunctionTest\_RTD3.0.0\S32K312\_I2C\_Master\_MCAL\RTD\src\Power\_Ip\_MC\_RGM.c**

ID	Check	Function	Line	Col	Detail	Jus	Severity	Status	Comment
36408	Unreachable code	Power_Ip_MC_RGM_ClearResetFlags()	251	4	The section of code is unreachable or the condition is redundant. If-condition always evaluates to true at line 251 (column 8).	No	Unset	Unreviewed	
36418	Unreachable code	Power_Ip_MC_RGM_CheckResetReason()	459	4	The section of code is unreachable or the condition is redundant. If-condition always evaluates to true at line 445 (column 8). Block ends at line 480 (column 4)	No	Unset	Unreviewed	

ID	Check	Function	Line	Col	Detail	Jus	Severity	Status	Comment
33798	Unreachable code	Power_Ip_MC_RGM_GetRes etReason()	555	4	The section of code is unreachable or the condition is redundant. If-condition always evaluates to false at line 554 (column 8). Block ends at line 574 (column 4)	No	Unset	Unreviewed	
27289	Unreachable code	Power_Ip_MC_RGM_GetRes etRawValue()	698	4	The section of code is unreachable or the condition is redundant. If-condition always evaluates to true at line 698 (column 8).	No	Unset	Unreviewed	

**Table 5.54.**

**D:\Jessie\3\_NXP\S32DS\_S32K312EVBQ172\8\_I2C\_Master\_DMA\_FunctionTest\_RTD3.0.0\S32K312\_I2C\_Master\_MCAL\RTD\src\Power\_Ip\_PMC.c**

ID	Check	Function	Line	Col	Detail	Jus	Severity	Status	Comment
27441	Unreachable code	Power_Ip_PMC_PowerInit()	266	4	The section of code is unreachable or the condition is redundant. If-condition always evaluates to true at line 266 (column 10).	No	Unset	Unreviewed	

**Table 5.55.**

**D:\Jessie\3\_NXP\S32DS\_S32K312EVBQ172\8\_I2C\_Master\_DMA\_FunctionTest\_RTD3.0.0\S32K312\_I2C\_Master\_MCAL\RTD\src\Siul2\_Port\_Ip.c**

ID	Check	Function	Line	Col	Detail	Jus	Severity	Status	Comment
31154	Unreachable code	Siul2_Port_Ip_SetPullSel()	718	8	The section of code is unreachable or the condition is redundant. Default switch clause is unreachable. switch-expression at line 688 (column 12).	No	Unset	Unreviewed	
30999	Unreachable code	Siul2_Port_Ip_SetInputBuffer()	782	4	The section of code is unreachable or the condition is redundant. If-condition always evaluates to true at line 782 (column 8).	No	Unset	Unreviewed	
31088	Unreachable code	Siul2_Port_Ip_SetPinDirection()	858	4	The section of code is unreachable or the condition is redundant. Default switch clause is unreachable. switch-expression at line 838 (column 12).	No	Unset	Unreviewed	
31163	Unreachable code	Siul2_Port_Ip_RevertPinConfiguration()	907	4	The section of code is unreachable or the condition is redundant. For-condition always evaluates to fals	No	Unset	Unreviewed	

ID	Check	Function	Line	Col	Detail	Jus	Severity	Status	Comment
					e at line 906 (column 25). Block ends at line 916 (column 4)				
30940	Unreachable code	Siul2_Port_Ip_GetPinConfiguration()	963	4	The section of code is unreachable or the condition is redundant. For-condition always evaluates to false at line 962 (column 25). Block ends at line 981 (column 4)	No	Unset	Unreviewed	

## Unreachable Function Checks

Option to check for unreachable functions was not enabled. To enable the checks, use the option `-uncalled-function-checks`.

## Unproven Run-Time Errors

Table 5.56.

D:\jessie\3\_NXP\S32DS\_S32K312EVbQ172\8\_I2C\_Master\_DMA\_FunctionTest\_RTD3.0.0\S32K312\_I2C\_Master\_MCAL\Project\_Settings\Startup\_Code\startup.c

ID	Check	Function	Line	Col	Detail	Jus	Severity	Status	Comment
31432	Illegally dereferenced pointer	init_data_bss()	122	15	Warning: pointer may be outside its bounds	No	Unset	Unreviewed	
31428	Illegally dereferenced pointer	init_data_bss()	122	24	Warning: pointer may be outside its bounds	No	Unset	Unreviewed	
31429	Non-initialized variable	init_data_bss()	122	24	Warning: variable may be non-initialized (type: const unsigned int 16)	No	Unset	Unreviewed	
31448	Illegally dereferenced pointer	init_data_bss()	129	16	Warning: pointer may be outside its bounds	No	Unset	Unreviewed	
31444	Illegally dereferenced pointer	init_data_bss()	129	26	Warning: pointer may be outside its bounds	No	Unset	Unreviewed	
31445	Non-initialized variable	init_data_bss()	129	26	Warning: variable may be non-initialized (type: const unsigned int 8)	No	Unset	Unreviewed	
31474	Illegally dereferenced pointer	init_data_bss()	144	15	Warning: pointer may be outside its bounds	No	Unset	Unreviewed	
31482	Illegally dereferenced pointer	init_data_bss()	150	15	Warning: pointer may be outside its bounds	No	Unset	Unreviewed	

ID	Check	Function	Line	Col	Detail	Jus	Severity	Status	Comment
31381	Illegally dereferenced pointer	init_data_bss_core20	183	15	Warning: pointer may be outside its bounds	No	Unset	Unreviewed	
31377	Illegally dereferenced pointer	init_data_bss_core20	183	24	Warning: pointer may be outside its bounds	No	Unset	Unreviewed	
31378	Non-initialized variable	init_data_bss_core20	183	24	Warning: variable may be non-initialized (type: const unsigned int 16)	No	Unset	Unreviewed	
31397	Illegally dereferenced pointer	init_data_bss_core20	189	16	Warning: pointer may be outside its bounds	No	Unset	Unreviewed	
31393	Illegally dereferenced pointer	init_data_bss_core20	189	26	Warning: pointer may be outside its bounds	No	Unset	Unreviewed	
31394	Non-initialized variable	init_data_bss_core20	189	26	Warning: variable may be non-initialized (type: const unsigned int 8)	No	Unset	Unreviewed	

**Table 5.57.**

D:\Jessie\3\_NXP\S32DS\_S32K312EV\BQ172\8\_I2C\_Master\_DMA\_FunctionTest\_RT\3.0.0\S32K312\_I2C\_Master\_MCAL\RTD\include\Dma\_Ip\_Hwv3\_AccessInline.h

ID	Check	Function	Line	Col	Detail	Jus	Severity	Status	Comment
25280	Non-initialized variable	hwv3AccInlineDmaInst_CmdCancelTransfer()	170	25	Warning: variable may be non-initialized (type: unsigned int 16)	No	Unset	Unreviewed	
25216	Non-initialized variable	hwv3AccInlineDmaInst_CmdCancelTransferWithError()	177	25	Warning: variable may be non-initialized (type: unsigned int 16)	No	Unset	Unreviewed	
24983	Non-initialized variable	hwv3AccInlineDmaInst_CmdHalt()	184	25	Warning: variable may be non-initialized (type: unsigned int 16)	No	Unset	Unreviewed	
24968	Non-initialized variable	hwv3AccInlineDmaInst_CmdResume()	191	25	Warning: variable may be non-initialized (type: unsigned int 16)	No	Unset	Unreviewed	
25291	Illegally dereferenced pointer	hwv3AccInlineDmaCh_CmdSetRequest()	227	21	Warning: pointer may be outside its bounds	No	Unset	Unreviewed	
25037	Illegally dereferenced pointer	hwv3AccInlineDmaCh_CmdClearRequest()	234	21	Warning: pointer may be outside its bounds	No	Unset	Unreviewed	
25084	Illegally dereferenced pointer	hwv3AccInlineDmaCh_CmdSwReqStart()	241	22	Warning: pointer may be outside its bounds	No	Unset	Unreviewed	
25208	Illegally dereferenced pointer	hwv3AccInlineDmaCh_CmdClearDone()	248	21	Warning: pointer may be outside its bounds	No	Unset	Unreviewed	
25193	Illegally dereferenced pointer	hwv3AccInlineDmaCh_CmdClearError()	255	21	Warning: pointer may be outside its bounds	No	Unset	Unreviewed	

ID	Check	Function	Line	Col	Detail	Jus	Severity	Status	Comment
24937	Illegally dereferenced pointer	hvw3AccInlineDmaCh_SetControl_EnMasterIdReplication()	286	21	Warning: pointer may be outside its bounds	No	Unset	Unreviewed	
24951	Illegally dereferenced pointer	hvw3AccInlineDmaCh_SetControl_EnBufferedWrites()	294	21	Warning: pointer may be outside its bounds	No	Unset	Unreviewed	
25052	Illegally dereferenced pointer	hvw3AccInlineDmaCh_SetRequest_EnHwRequest()	302	21	Warning: pointer may be outside its bounds	No	Unset	Unreviewed	
25332	Illegally dereferenced pointer	hvw3AccInlineDmaCh_SetInterrupt_EnError()	308	21	Warning: pointer may be outside its bounds	No	Unset	Unreviewed	
25021	Illegally dereferenced pointer	hvw3AccInlineDmaCh_SetPriority_Group()	314	17	Warning: pointer may be outside its bounds	No	Unset	Unreviewed	
25022	Non-initialized variable	hvw3AccInlineDmaCh_SetPriority_Group()	314	17	Warning: variable may be non-initialized (type: unsigned int 16)	No	Unset	Unreviewed	
25029	Illegally dereferenced pointer	hvw3AccInlineDmaCh_SetPriority_Level()	320	21	Warning: pointer may be outside its bounds	No	Unset	Unreviewed	
25325	Illegally dereferenced pointer	hvw3AccInlineDmaCh_SetPriority_EnPreemption()	327	21	Warning: pointer may be outside its bounds	No	Unset	Unreviewed	
25247	Illegally dereferenced pointer	hvw3AccInlineDmaCh_SetPriority_DisPreempt()	335	21	Warning: pointer may be outside its bounds	No	Unset	Unreviewed	
25344	Illegally dereferenced pointer	hvw3AccInlineDmaCh_GetSourceAddress()	536	29	Warning: pointer may be outside its bounds	No	Unset	Unreviewed	
25286	Illegally dereferenced pointer	hvw3AccInlineDmaCh_GetDestinationAddress()	541	29	Warning: pointer may be outside its bounds	No	Unset	Unreviewed	
25263	Illegally dereferenced pointer	hvw3AccInlineDmaCh_GetBeginIterCount()	546	22	Warning: pointer may be outside its bounds	No	Unset	Unreviewed	
25138	Illegally dereferenced pointer	hvw3AccInlineDmaCh_GetCurrentIterCount()	559	23	Warning: pointer may be outside its bounds	No	Unset	Unreviewed	
25242	Illegally dereferenced pointer	hvw3AccInlineDmaCh_GetStoreDstAddress()	573	30	Warning: pointer may be outside its bounds	No	Unset	Unreviewed	
24945	Illegally dereferenced pointer	hvw3AccInlineDmaCh_GetMasterId()	580	30	Warning: pointer may be outside its bounds	No	Unset	Unreviewed	
24931	Illegally dereferenced pointer	hvw3AccInlineDmaCh_GetIntMajor()	586	31	Warning: pointer may be outside its bounds	No	Unset	Unreviewed	
25314	Illegally dereferenced pointer	hvw3AccInlineDmaCh_GetIntHalfMajor()	591	31	Warning: pointer may be outside its bounds	No	Unset	Unreviewed	

**Table 5.58. D:\Jessie\3\_NXP\S32DS\_S32K312EVBQ172\8\_I2C\_Master\_DMA\_FunctionTest\_RTD3.0.0\S32K312\_I2C\_Master\_MCAL\RTD\src\Clock\_Ip.c**

ID	Check	Function	Line	Col	Detail	Jus	Severity	Status	Comment
21520	Out of bounds array index	Clock_Ip_DistributePll()	990	58	Warning: array index may be outside bounds : [0..17]	No	Unset	Unreviewed	
21518	Illegally dereferenced pointer	Clock_Ip_DistributePll()	990	60	Warning: pointer may be outside its bounds	No	Unset	Unreviewed	
21517	Out of bounds array index	Clock_Ip_DistributePll()	990	92	Warning: array index may be outside bounds : [array size undefined]	No	Unset	Unreviewed	
21529	Out of bounds array index	Clock_Ip_DistributePll()	993	91	Warning: array index may be outside bounds : [0..86]	No	Unset	Unreviewed	
21527	Illegally dereferenced pointer	Clock_Ip_DistributePll()	993	93	Warning: pointer may be outside its bounds	No	Unset	Unreviewed	
21615	Out of bounds array index	Clock_Ip_DisableClockMonitor()	1036	74	Warning: array index may be outside bounds : [0..86]	No	Unset	Unreviewed	
21626	Out of bounds array index	Clock_Ip_DisableModuleClock()	1066	75	Warning: array index may be outside bounds : [0..86]	No	Unset	Unreviewed	
21603	Out of bounds array index	Clock_Ip_EnableModuleClock()	1082	75	Warning: array index may be outside bounds : [0..86]	No	Unset	Unreviewed	

**Table 5.59.**

**D:\Jessie\3\_NXP\S32DS\_S32K312EVBQ172\8\_I2C\_Master\_DMA\_FunctionTest\_RTD3.0.0\S32K312\_I2C\_Master\_MCAL\RTD\src\Clock\_Ip\_Divider.c**

ID	Check	Function	Line	Col	Detail	Jus	Severity	Status	Comment
21827	Out of bounds array index	Clock_Ip_SetCgmXDeDivStatWithoutPhase()	171	49	Warning: array index may be outside bounds : [0..86]	No	Unset	Unreviewed	
21863	Out of bounds array index	Clock_Ip_SetCgmXDeDivStatWithoutPhase()	180	38	Warning: array index may be outside bounds : [0..0]	No	Unset	Unreviewed	
21890	Out of bounds array index	Clock_Ip_SetCgmXDeDivStatWithoutPhase()	205	44	Warning: array index may be outside bounds : [0..0]	No	Unset	Unreviewed	
21789	Out of bounds array index	Clock_Ip_SetPllPll0divDeDivOutput()	255	49	Warning: array index may be outside bounds : [0..86]	No	Unset	Unreviewed	
21806	Illegally dereferenced pointer	Clock_Ip_SetPllPll0divDeDivOutput()	262	60	Warning: pointer may be outside its bounds	No	Unset	Unreviewed	
21805	Out of bounds array index	Clock_Ip_SetPllPll0divDeDivOutput()	262	69	Warning: array index may be outside bounds : [0..1]	No	Unset	Unreviewed	
21761	Out of bounds array index	Clock_Ip_SetPllPll0divDeDivOutput()	288	49	Warning: array index may be outside bounds : [0..86]	No	Unset	Unreviewed	

ID	Check	Function	Line	Col	Detail	Jus	Severity	Status	Comment
21773	Illegally dereferenced pointer	Clock_Ip_SetPlIPldvOdiv2Output()	291	56	Warning: pointer may be outside its bounds	No	Unset	Unreviewed	

**Table 5.60.**

**D:\Jessie\3\_NXP\S32DS\_S32K312EVbQ172\8\_I2C\_Master\_DMA\_FunctionTest\_RTD3.0.0\S32K312\_I2C\_Master\_MCAL\RTD\src\Clock\_Ip\_DividerTrigger.c**

ID	Check	Function	Line	Col	Detail	Jus	Severity	Status	Comment
21938	Out of bounds array index	Clock_Ip_ConfigureCgmXDivTrigCtrlTctlHhenUpdStat()	149	49	Warning: array index may be outside bounds : [0..86]	No	Unset	Unreviewed	
21961	Out of bounds array index	Clock_Ip_ConfigureCgmXDivTrigCtrlTctlHhenUpdStat()	155	27	Warning: array index may be outside bounds : [0..0]	No	Unset	Unreviewed	
21952	Out of bounds array index	Clock_Ip_ConfigureCgmXDivTrigCtrlTctlHhenUpdStat()	159	27	Warning: array index may be outside bounds : [0..0]	No	Unset	Unreviewed	
21969	Out of bounds array index	Clock_Ip_TriggerUpdateCgmXDivTrigCtrlTctlHhenUpdStat()	183	49	Warning: array index may be outside bounds : [0..86]	No	Unset	Unreviewed	
21983	Out of bounds array index	Clock_Ip_TriggerUpdateCgmXDivTrigCtrlTctlHhenUpdStat()	189	27	Warning: array index may be outside bounds : [0..0]	No	Unset	Unreviewed	

**Table 5.61.**

**D:\Jessie\3\_NXP\S32DS\_S32K312EVbQ172\8\_I2C\_Master\_DMA\_FunctionTest\_RTD3.0.0\S32K312\_I2C\_Master\_MCAL\RTD\src\Clock\_Ip\_ExtOsc.c**

ID	Check	Function	Line	Col	Detail	Jus	Severity	Status	Comment
22094	Out of bounds array index	Clock_Ip_ResetFoscOsconBypEocvGmSel()	178	44	Warning: array index may be outside bounds : [0..86]	No	Unset	Unreviewed	
22100	Illegally dereferenced pointer	Clock_Ip_ResetFoscOsconBypEocvGmSel()	181	34	Warning: pointer may be outside its bounds	No	Unset	Unreviewed	
22101	Non-initialized variable	Clock_Ip_ResetFoscOsconBypEocvGmSel()	181	36	Warning: variable may be non-initialized (type: unsigned int 16)	No	Unset	Unreviewed	
22014	Out of bounds array index	Clock_Ip_SetFoscOsconBypEocvGmSel()	196	44	Warning: array index may be outside bounds : [0..86]	No	Unset	Unreviewed	
22151	Out of bounds array index	Clock_Ip_CompleteFoscOsconBypEocvGmSel()	240	44	Warning: array index may be outside bounds : [0..86]	No	Unset	Unreviewed	
22169	Illegally dereferenced pointer	Clock_Ip_CompleteFoscOsconBypEocvGmSel()	256	66	Warning: pointer may be outside its bounds	No	Unset	Unreviewed	



ID	Check	Function	Line	Col	Detail	Jus	Severity	Status	Comment
22170	Non-initialized variable	Clock_Ip_CompleteFxoscOsconBypEocvGmSel()	256	68	Warning: variable may be non-initialized (type: unsigned int 16)	No	Unset	Unreviewed	
22104	Out of bounds array index	Clock_Ip_DisableFxoscOsconBypEocvGmSel()	288	47	Warning: array index may be outside bounds : [0..86]	No	Unset	Unreviewed	
22110	Illegally dereferenced pointer	Clock_Ip_DisableFxoscOsconBypEocvGmSel()	291	30	Warning: pointer may be outside its bounds	No	Unset	Unreviewed	
22111	Non-initialized variable	Clock_Ip_DisableFxoscOsconBypEocvGmSel()	291	32	Warning: variable may be non-initialized (type: unsigned int 16)	No	Unset	Unreviewed	
22045	Out of bounds array index	Clock_Ip_EnableFxoscOsconBypEocvGmSel()	299	44	Warning: array index may be outside bounds : [0..86]	No	Unset	Unreviewed	
22054	Illegally dereferenced pointer	Clock_Ip_EnableFxoscOsconBypEocvGmSel()	304	38	Warning: pointer may be outside its bounds	No	Unset	Unreviewed	
22055	Non-initialized variable	Clock_Ip_EnableFxoscOsconBypEocvGmSel()	304	40	Warning: variable may be non-initialized (type: unsigned int 16)	No	Unset	Unreviewed	
22118	Out of bounds array index	Clock_Ip_ResetSxoscOsconEocv()	321	44	Warning: array index may be outside bounds : [0..86]	No	Unset	Unreviewed	
22124	Illegally dereferenced pointer	Clock_Ip_ResetSxoscOsconEocv()	324	34	Warning: pointer may be outside its bounds	No	Unset	Unreviewed	
22125	Non-initialized variable	Clock_Ip_ResetSxoscOsconEocv()	324	36	Warning: variable may be non-initialized (type: unsigned int 16)	No	Unset	Unreviewed	
22132	Out of bounds array index	Clock_Ip_SetSxoscOsconEocv()	339	44	Warning: array index may be outside bounds : [0..86]	No	Unset	Unreviewed	
22062	Out of bounds array index	Clock_Ip_CompleteSxoscOsconEocv()	370	44	Warning: array index may be outside bounds : [0..86]	No	Unset	Unreviewed	
22077	Illegally dereferenced pointer	Clock_Ip_CompleteSxoscOsconEocv()	380	62	Warning: pointer may be outside its bounds	No	Unset	Unreviewed	
22078	Non-initialized variable	Clock_Ip_CompleteSxoscOsconEocv()	380	64	Warning: variable may be non-initialized (type: unsigned int 16)	No	Unset	Unreviewed	

**Table 5.62.**

**D:\jessie\3\_NXP\S32DS\_S32K312EV BQ172\8\_I2C\_Master\_DMA\_FunctionTest\_RTD3.0.0\S32K312\_I2C\_Master\_MCAL\RTD\src\Clock\_Ip\_Gate.c**

ID	Check	Function	Line	Col	Detail	Jus	Severity	Status	Comment
22193	Out of bounds array index	Clock_Ip_ClockSetGateMcMePartitionCollectionClockRequest()	167	72	Warning: array index may be outside bounds : [0..86]	No	Unset	Unreviewed	

ID	Check	Function	Line	Col	Detail	Jus	Severity	Status	Comment
22258	Illegally dereferenced pointer	Clock_Ip_ClockSetGateMcMePartitionCollectionClockRequest()	178	63	Warning: pointer may be outside its bounds	No	Unset	Unreviewed	
22259	Non-initialized variable	Clock_Ip_ClockSetGateMcMePartitionCollectionClockRequest()	178	80	Warning: variable may be non-initialized (type: unsigned int 16)	No	Unset	Unreviewed	
22267	Non-initialized variable	Clock_Ip_ClockSetGateMcMePartitionCollectionClockRequest()	182	73	Warning: variable may be non-initialized (type: volatile unsigned int 16)	No	Unset	Unreviewed	
39630	Illegally dereferenced pointer	Clock_Ip_ClockSetGateMcMePartitionCollectionClockRequest()	208	63	Warning: pointer may be outside its bounds	No	Unset	Unreviewed	
39631	Non-initialized variable	Clock_Ip_ClockSetGateMcMePartitionCollectionClockRequest()	208	80	Warning: variable may be non-initialized (type: unsigned int 16)	No	Unset	Unreviewed	
39638	Non-initialized variable	Clock_Ip_ClockSetGateMcMePartitionCollectionClockRequest()	212	73	Warning: variable may be non-initialized (type: volatile unsigned int 16)	No	Unset	Unreviewed	

**Table 5.63.**

**D:\jessie\3\_NXP\S32DS\_S32K312EVBQ172\8\_I2C\_Master\_DMA\_FunctionTest\_RT3.0.0\S32K312\_I2C\_Master\_MCAL\RTD\src\Clock\_Ip\_Monitor.c**

ID	Check	Function	Line	Col	Detail	Jus	Severity	Status	Comment
22572	Out of bounds array index	Clock_Ip_DisableCmuFcFceRefCntLfrefHfref()	245	95	Warning: array index may be outside bounds : [0..86]	No	Unset	Unreviewed	
22579	Illegally dereferenced pointer	Clock_Ip_DisableCmuFcFceRefCntLfrefHfref()	289	24	Warning: pointer may be outside its bounds	No	Unset	Unreviewed	
22580	Non-initialized variable	Clock_Ip_DisableCmuFcFceRefCntLfrefHfref()	289	26	Warning: variable may be non-initialized (type: unsigned int 16)	No	Unset	Unreviewed	
22583	Non-initialized variable	Clock_Ip_DisableCmuFcFceRefCntLfrefHfref()	295	43	Warning: variable may be non-initialized (type: unsigned int 16)	No	Unset	Unreviewed	
22595	Non-initialized variable	Clock_Ip_DisableCmuFcFceRefCntLfrefHfref()	313	11	Warning: variable may be non-initialized (type: unsigned int 16)	No	Unset	Unreviewed	
22598	Non-initialized variable	Clock_Ip_DisableCmuFcFceRefCntLfrefHfref()	316	11	Warning: variable may be non-initialized (type: unsigned int 16)	No	Unset	Unreviewed	
22446	Out of bounds array index	Clock_Ip_SetCmuFcFceRefCntLfrefHfref()	351	70	Warning: array index may be outside bounds : [0..86]	No	Unset	Unreviewed	
22453	Out of bounds array index	Clock_Ip_SetCmuFcFceRefCntLfrefHfref()	355	19	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	

ID	Check	Function	Line	Col	Detail	Jus	Severity	Status	Comment
22490	Illegally dereferenced pointer	Clock_Ip_SetCmuFcFceRefCntLfrefHfref()	359	28	Warning: pointer may be outside its bounds	No	Unset	Unreviewed	
22489	Out of bounds array index	Clock_Ip_SetCmuFcFceRefCntLfrefHfref()	359	70	Warning: array index may be outside bounds : [array size undefined]	No	Unset	Unreviewed	
22503	Illegally dereferenced pointer	Clock_Ip_SetCmuFcFceRefCntLfrefHfref()	360	28	Warning: pointer may be outside its bounds	No	Unset	Unreviewed	
22502	Out of bounds array index	Clock_Ip_SetCmuFcFceRefCntLfrefHfref()	360	70	Warning: array index may be outside bounds : [array size undefined]	No	Unset	Unreviewed	
22548	Division by zero	Clock_Ip_SetCmuFcFceRefCntLfrefHfref()	390	47	Warning: scalar division by zero may occur	No	Unset	Unreviewed	
22559	Illegally dereferenced pointer	Clock_Ip_SetCmuFcFceRefCntLfrefHfref()	396	21	Warning: pointer may be outside its bounds	No	Unset	Unreviewed	
22570	Illegally dereferenced pointer	Clock_Ip_SetCmuFcFceRefCntLfrefHfref()	407	13	Warning: pointer may be outside its bounds	No	Unset	Unreviewed	
22387	Out of bounds array index	Clock_Ip_EnableCmuFcFceRefCntLfrefHfref()	436	71	Warning: array index may be outside bounds : [0..86]	No	Unset	Unreviewed	
22401	Illegally dereferenced pointer	Clock_Ip_EnableCmuFcFceRefCntLfrefHfref()	442	17	Warning: pointer may be outside its bounds	No	Unset	Unreviewed	
22402	Non-initialized variable	Clock_Ip_EnableCmuFcFceRefCntLfrefHfref()	442	19	Warning: variable may be non-initialized (type: unsigned int 16)	No	Unset	Unreviewed	
22397	Illegally dereferenced pointer	Clock_Ip_EnableCmuFcFceRefCntLfrefHfref()	446	17	Warning: pointer may be outside its bounds	No	Unset	Unreviewed	
22398	Non-initialized variable	Clock_Ip_EnableCmuFcFceRefCntLfrefHfref()	446	19	Warning: variable may be non-initialized (type: unsigned int 16)	No	Unset	Unreviewed	
22436	Out of bounds array index	Clock_Ip_CMU_GetInterruptStatus()	471	33	Warning: array index may be outside bounds : [0..6]	No	Unset	Unreviewed	
22438	Illegally dereferenced pointer	Clock_Ip_CMU_GetInterruptStatus()	471	43	Warning: pointer may be outside its bounds	No	Unset	Unreviewed	
22439	Non-initialized variable	Clock_Ip_CMU_GetInterruptStatus()	471	45	Warning: variable may be non-initialized (type: unsigned int 16)	No	Unset	Unreviewed	
22407	Illegally dereferenced pointer	Clock_Ip_CMU_ClockFailInt()	494	47	Warning: pointer may be outside its bounds	No	Unset	Unreviewed	
22408	Non-initialized variable	Clock_Ip_CMU_ClockFailInt()	494	49	Warning: variable may be non-initialized (type: unsigned int 16)	No	Unset	Unreviewed	
22420	Non-initialized variable	Clock_Ip_CMU_ClockFailInt()	500	53	Warning: variable may be non-initialized (type: unsigned int 16)	No	Unset	Unreviewed	

**Table 5.64. D:\Jessie\3\_NXP\S32DS\_S32K312EVBQ172\8\_I2C\_Master\_DMA\_FunctionTest\_RTD3.0.0\S32K312\_I2C\_Master\_MCAL\RTD\src\Clock\_Ip\_Pll.c**

ID	Check	Function	Line	Col	Detail	Jus	Severity	Status	Comment
22664	Out of bounds array index	Clock_Ip_ResetPllRdivMfiMfnOdiv2SdmenSsscgbypSpreadctlStepnoStepsize()	185	44	Warning: array index may be outside bounds : [0..86]	No	Unset	Unreviewed	
39713	Illegally dereferenced pointer	Clock_Ip_ResetPllRdivMfiMfnOdiv2SdmenSsscgbypSpreadctlStepnoStepsize()	193	45	Warning: pointer may be outside its bounds	No	Unset	Unreviewed	
22692	Out of bounds array index	Clock_Ip_SetPllRdivMfiMfnOdiv2SdmenSsscgbypSpreadctlStepnoStepsize()	208	44	Warning: array index may be outside bounds : [0..86]	No	Unset	Unreviewed	
22701	Illegally dereferenced pointer	Clock_Ip_SetPllRdivMfiMfnOdiv2SdmenSsscgbypSpreadctlStepnoStepsize()	213	57	Warning: pointer may be outside its bounds	No	Unset	Unreviewed	
22637	Out of bounds array index	Clock_Ip_CompletePllRdivMfiMfnOdiv2SdmenSsscgbypSpreadctlStepnoStepsize()	256	47	Warning: array index may be outside bounds : [0..86]	No	Unset	Unreviewed	
22643	Illegally dereferenced pointer	Clock_Ip_CompletePllRdivMfiMfnOdiv2SdmenSsscgbypSpreadctlStepnoStepsize()	258	52	Warning: pointer may be outside its bounds	No	Unset	Unreviewed	
22624	Out of bounds array index	Clock_Ip_EnablePllRdivMfiMfnOdiv2SdmenSsscgbypSpreadctlStepnoStepsize()	289	44	Warning: array index may be outside bounds : [0..86]	No	Unset	Unreviewed	
22633	Illegally dereferenced pointer	Clock_Ip_EnablePllRdivMfiMfnOdiv2SdmenSsscgbypSpreadctlStepnoStepsize()	295	49	Warning: pointer may be outside its bounds	No	Unset	Unreviewed	

**Table 5.65.**

**D:\Jessie\3\_NXP\S32DS\_S32K312EVBQ172\8\_I2C\_Master\_DMA\_FunctionTest\_RTD3.0.0\S32K312\_I2C\_Master\_MCAL\RTD\src\Clock\_Ip\_ProgFreqSwitch.c**

ID	Check	Function	Line	Col	Detail	Jus	Severity	Status	Comment
22788	Out of bounds array index	Clock_Ip_CgmXPcfsSdurDivcDivDivs()	208	42	Warning: array index may be outside bounds : [0..0]	No	Unset	Unreviewed	
22785	Out of bounds array index	Clock_Ip_CgmXPcfsSdurDivcDivDivs()	208	68	Warning: array index may be outside bounds : [0..86]	No	Unset	Unreviewed	

ID	Check	Function	Line	Col	Detail	Jus	Severity	Status	Comment
22793	Out of bounds array index	Clock_Ip_CgmXPcfsSdurDiv cDiveDivs()	209	48	Warning: array index may be outside b ounds : [0..86]	No	Unset	Unreviewed	
22797	Out of bounds array index	Clock_Ip_CgmXPcfsSdurDiv cDiveDivs()	215	19	Warning: array index may be outside b ounds : [0..0]	No	Unset	Unreviewed	
22842	Illegally dereferenced poi nter	Clock_Ip_CgmXPcfsSdurDiv cDiveDivs()	221	21	Warning: pointer may be outside its bo unds	No	Unset	Unreviewed	
22841	Out of bounds array index	Clock_Ip_CgmXPcfsSdurDiv cDiveDivs()	221	63	Warning: array index may be outside b ounds : [array size undefined]	No	Unset	Unreviewed	

**Table 5.66.**

**D:\Jessie\3\_NXP\S32DS\_S32K312EVQBQ172\8\_I2C\_Master\_DMA\_FunctionTest\_RT3.0.0\S32K312\_I2C\_Master\_MCAL\RTD\src\Clock\_Ip\_Selector.c**

ID	Check	Function	Line	Col	Detail	Jus	Severity	Status	Comment
23348	Out of bounds array index	Clock_Ip_ResetCgmXCscCss ClkswSwip()	173	49	Warning: array index may be outside b ounds : [0..86]	No	Unset	Unreviewed	
23367	Out of bounds array index	Clock_Ip_ResetCgmXCscCss ClkswSwip()	177	23	Warning: array index may be outside b ounds : [0..0]	No	Unset	Unreviewed	
23071	Out of bounds array index	Clock_Ip_SetCgmXCscCssClk swSwip()	207	49	Warning: array index may be outside b ounds : [0..86]	No	Unset	Unreviewed	
23069	Illegally dereferenced poi nter	Clock_Ip_SetCgmXCscCssClk swSwip()	207	56	Warning: pointer may be outside its bo unds	No	Unset	Unreviewed	
23083	Out of bounds array index	Clock_Ip_SetCgmXCscCssClk swSwip()	209	63	Warning: array index may be outside b ounds : [0..17]	No	Unset	Unreviewed	
39835	Out of bounds array index	Clock_Ip_SetCgmXCscCssClk swSwip()	215	46	Warning: array index may be outside b ounds : [0..0]	No	Unset	Unreviewed	
23294	Out of bounds array index	Clock_Ip_ResetCgmXCscCss ClkswRampupRampdownS wip()	304	49	Warning: array index may be outside b ounds : [0..86]	No	Unset	Unreviewed	
23313	Out of bounds array index	Clock_Ip_ResetCgmXCscCss ClkswRampupRampdownS wip()	309	23	Warning: array index may be outside b ounds : [0..0]	No	Unset	Unreviewed	
23386	Out of bounds array index	Clock_Ip_SetCgmXCscCssClk swRampupRampdownSwip ()	339	49	Warning: array index may be outside b ounds : [0..86]	No	Unset	Unreviewed	
23384	Illegally dereferenced poi nter	Clock_Ip_SetCgmXCscCssClk swRampupRampdownSwip ()	339	56	Warning: pointer may be outside its bo unds	No	Unset	Unreviewed	

ID	Check	Function	Line	Col	Detail	Jus	Severity	Status	Comment
23398	Out of bounds array index	Clock_Ip_SetCgmXCscCssClkswRampupRampdownSwip0	341	63	Warning: array index may be outside bounds : [0..17]	No	Unset	Unreviewed	
39931	Out of bounds array index	Clock_Ip_SetCgmXCscCssClkswRampupRampdownSwip0	347	46	Warning: array index may be outside bounds : [0..0]	No	Unset	Unreviewed	
23204	Out of bounds array index	Clock_Ip_ResetCgmXCscCssCsGrip()	446	54	Warning: array index may be outside bounds : [0..86]	No	Unset	Unreviewed	
23236	Out of bounds array index	Clock_Ip_ResetCgmXCscCssCsGrip()	453	23	Warning: array index may be outside bounds : [0..0]	No	Unset	Unreviewed	
22962	Out of bounds array index	Clock_Ip_SetCgmXCscCssCsGrip()	511	49	Warning: array index may be outside bounds : [0..86]	No	Unset	Unreviewed	
22960	Illegally dereferenced pointer	Clock_Ip_SetCgmXCscCssCsGrip()	511	56	Warning: pointer may be outside its bounds	No	Unset	Unreviewed	
22974	Out of bounds array index	Clock_Ip_SetCgmXCscCssCsGrip()	513	63	Warning: array index may be outside bounds : [0..17]	No	Unset	Unreviewed	
22994	Out of bounds array index	Clock_Ip_SetCgmXCscCssCsGrip()	518	23	Warning: array index may be outside bounds : [0..0]	No	Unset	Unreviewed	
23330	Out of bounds array index	Clock_Ip_SetRtcRtccClksel_TrustedCall()	597	69	Warning: array index may be outside bounds : [0..17]	No	Unset	Unreviewed	
23328	Illegally dereferenced pointer	Clock_Ip_SetRtcRtccClksel_TrustedCall()	597	76	Warning: pointer may be outside its bounds	No	Unset	Unreviewed	

**Table 5.67.**

**D:\Jessie\3\_NXP\S32DS\_S32K312EVBQ172\8\_I2C\_Master\_DMA\_FunctionTest\_RTD3.0.0\S32K312\_I2C\_Master\_MCAL\RTD\src\Clock\_Ip\_Specific.c**

ID	Check	Function	Line	Col	Detail	Jus	Severity	Status	Comment
23571	Illegally dereferenced pointer	Clock_Ip_CodeInRamSetFlashWaitStates()	397	27	Warning: pointer may be outside its bounds	No	Unset	Unreviewed	
23570	Out of bounds array index	Clock_Ip_CodeInRamSetFlashWaitStates()	397	69	Warning: array index may be outside bounds : [array size undefined]	No	Unset	Unreviewed	
23520	Illegally dereferenced pointer	DisableFircInStandbyMode0	519	29	Warning: pointer may be outside its bounds	No	Unset	Unreviewed	
23706	Illegally dereferenced pointer	EnableFircInStandbyMode()	527	29	Warning: pointer may be outside its bounds	No	Unset	Unreviewed	
23533	Illegally dereferenced pointer	DisableSircInStandbyMode()	533	29	Warning: pointer may be outside its bounds	No	Unset	Unreviewed	

ID	Check	Function	Line	Col	Detail	Jus	Severity	Status	Comment
23529	Illegally dereferenced pointer	EnableSircInStandbyMode()	541	29	Warning: pointer may be outside its bounds	No	Unset	Unreviewed	

**Table 5.68. D:\Jessie\3\_NXP\S32DS\_S32K312EVBQ172\8\_I2C\_Master\_DMA\_FunctionTest\_RTD3.0.0\S32K312\_I2C\_Master\_MCAL\RTD\src\Dem.c**

ID	Check	Function	Line	Col	Detail	Jus	Severity	Status	Comment
23716	Out of bounds array index	Dem_ReportErrorStatusPreExtData()	246	39	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
23723	Out of bounds array index	Dem_ReportErrorStatusPreExtData()	255	30	Warning: array index may be outside bounds : [0..126]	No	Unset	Unreviewed	

**Table 5.69. D:\Jessie\3\_NXP\S32DS\_S32K312EVBQ172\8\_I2C\_Master\_DMA\_FunctionTest\_RTD3.0.0\S32K312\_I2C\_Master\_MCAL\RTD\src\Dem\_stub.c**

ID	Check	Function	Line	Col	Detail	Jus	Severity	Status	Comment
23845	Out of bounds array index	Dem_TestLastReportErrorStatus()	114	41	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
23850	Out of bounds array index	Dem_TestLastReportErrorStatus()	117	43	Warning: array index may be outside bounds : [0..126]	No	Unset	Unreviewed	
23930	Out of bounds array index	Dem_TestNoError()	151	48	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
23921	Out of bounds array index	Dem_TestNoError()	153	68	Warning: array index may be outside bounds : [0..126]	No	Unset	Unreviewed	
23770	Out of bounds array index	Dem_TestLastReportErrorStatusPreExtData()	184	41	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
23775	Out of bounds array index	Dem_TestLastReportErrorStatusPreExtData()	187	50	Warning: array index may be outside bounds : [0..126]	No	Unset	Unreviewed	
23795	Out of bounds array index	Dem_TestLastReportErrorStatusPreExtData()	196	80	Warning: array index may be outside bounds : [0..99]	No	Unset	Unreviewed	
23892	Out of bounds array index	Dem_ClearEvents()	234	22	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
23895	Out of bounds array index	Dem_GetEvent()	253	39	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
23901	Out of bounds array index	Dem_GetEvent()	255	41	Warning: array index may be outside bounds : [0..126]	No	Unset	Unreviewed	
23915	Out of bounds array index	Dem_GetEventCount()	277	29	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
23841	Out of bounds array index	Dem_BufferOverflow()	298	28	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	



**Table 5.70. D:\Jessie\3\_NXP\S32DS\_S32K312EVQB172\8\_I2C\_Master\_DMA\_FunctionTest\_RTD3.0.0\S32K312\_I2C\_Master\_MCAL\RTD\src\Det.c**

ID	Check	Function	Line	Col	Detail	Jus	Severity	Status	Comment
23963	Out of bounds array index	Det_ReportError()	214	16	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
23950	Out of bounds array index	Det_ReportTransientFault()	268	25	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	

**Table 5.71. D:\Jessie\3\_NXP\S32DS\_S32K312EVQB172\8\_I2C\_Master\_DMA\_FunctionTest\_RTD3.0.0\S32K312\_I2C\_Master\_MCAL\RTD\src\Det\_stub.c**

ID	Check	Function	Line	Col	Detail	Jus	Severity	Status	Comment
24094	Out of bounds array index	Det_TestLastReportError()	111	26	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
24046	Out of bounds array index	Det_TestLastReportRuntimeError()	144	33	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
24020	Out of bounds array index	Det_TestLastReportTransientFault()	176	35	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
24072	Out of bounds array index	Det_TestNoError()	198	25	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
23998	Out of bounds array index	Det_TestNoRuntimeError()	219	32	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
23976	Out of bounds array index	Det_TestNoTransientFault()	240	34	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	

**Table 5.72.****D:\Jessie\3\_NXP\S32DS\_S32K312EVQB172\8\_I2C\_Master\_DMA\_FunctionTest\_RTD3.0.0\S32K312\_I2C\_Master\_MCAL\RTD\src\Dma\_Ip\_Driver\_State.c**

ID	Check	Function	Line	Col	Detail	Jus	Severity	Status	Comment
24605	Out of bounds array index	Dma_Ip_SetHwChannel_ResetEvent()	144	42	Warning: array index may be outside bounds : [0..0]	No	Unset	Unreviewed	
24606	Out of bounds array index	Dma_Ip_SetHwChannel_ResetEvent()	144	53	Warning: array index may be outside bounds : [0..31]	No	Unset	Unreviewed	
24627	Out of bounds array index	Dma_Ip_SetHwChannel_ReadyEvent()	157	42	Warning: array index may be outside bounds : [0..0]	No	Unset	Unreviewed	
24628	Out of bounds array index	Dma_Ip_SetHwChannel_ReadyEvent()	157	53	Warning: array index may be outside bounds : [0..31]	No	Unset	Unreviewed	
24612	Out of bounds array index	Dma_Ip_SetHwChannel_TransferEvent()	170	42	Warning: array index may be outside bounds : [0..0]	No	Unset	Unreviewed	



ID	Check	Function	Line	Col	Detail	Jus	Severity	Status	Comment
24613	Out of bounds array index	Dma_Ip_SetHwChannel_TransferEvent()	170	53	Warning: array index may be outside bounds : [0..31]	No	Unset	Unreviewed	
24634	Out of bounds array index	Dma_Ip_SetHwChannel_ScatterGatherEvent()	183	42	Warning: array index may be outside bounds : [0..0]	No	Unset	Unreviewed	
24635	Out of bounds array index	Dma_Ip_SetHwChannel_ScatterGatherEvent()	183	53	Warning: array index may be outside bounds : [0..31]	No	Unset	Unreviewed	
24641	Out of bounds array index	Dma_Ip_SetHwChannel_ErrorEvent()	196	42	Warning: array index may be outside bounds : [0..0]	No	Unset	Unreviewed	
24642	Out of bounds array index	Dma_Ip_SetHwChannel_ErrorEvent()	196	53	Warning: array index may be outside bounds : [0..31]	No	Unset	Unreviewed	

**Table 5.73.**

**D:\Jessie\3\_NXP\S32DS\_S32K312EVBQ172\8\_I2C\_Master\_DMA\_FunctionTest\_RTD3.0.0\S32K312\_I2C\_Master\_MCAL\RTD\src\Dma\_Ip\_Hw\_Access.c**

ID	Check	Function	Line	Col	Detail	Jus	Severity	Status	Comment
24708	Out of bounds array index	hwAccDmaInst_CmdCancelTransfer()	366	73	Warning: array index may be outside bounds : [0..0]	No	Unset	Unreviewed	
24899	Out of bounds array index	hwAccDmaInst_CmdCancelTransferWithError()	387	82	Warning: array index may be outside bounds : [0..0]	No	Unset	Unreviewed	
24796	Out of bounds array index	hwAccDmaInst_CmdHalt()	408	63	Warning: array index may be outside bounds : [0..0]	No	Unset	Unreviewed	
24689	Out of bounds array index	hwAccDmaInst_CmdResume()	429	65	Warning: array index may be outside bounds : [0..0]	No	Unset	Unreviewed	
24666	Out of bounds array index	HwAccDmaCh_CmdSetHwRequest()	493	65	Warning: array index may be outside bounds : [0..0]	No	Unset	Unreviewed	
24667	Out of bounds array index	HwAccDmaCh_CmdSetHwRequest()	493	76	Warning: array index may be outside bounds : [0..31]	No	Unset	Unreviewed	
24675	Out of bounds array index	HwAccDmaCh_CmdClearHwRequest()	511	67	Warning: array index may be outside bounds : [0..0]	No	Unset	Unreviewed	
24676	Out of bounds array index	HwAccDmaCh_CmdClearHwRequest()	511	78	Warning: array index may be outside bounds : [0..31]	No	Unset	Unreviewed	
24853	Out of bounds array index	HwAccDmaCh_CmdSetSwRequest()	529	65	Warning: array index may be outside bounds : [0..0]	No	Unset	Unreviewed	
24854	Out of bounds array index	HwAccDmaCh_CmdSetSwRequest()	529	76	Warning: array index may be outside bounds : [0..31]	No	Unset	Unreviewed	
24816	Out of bounds array index	HwAccDmaCh_CmdClearDone()	547	64	Warning: array index may be outside bounds : [0..0]	No	Unset	Unreviewed	

ID	Check	Function	Line	Col	Detail	Jus	Severity	Status	Comment
24817	Out of bounds array index	HwAccDmaCh_CmdClearDone()	547	75	Warning: array index may be outside bounds : [0..31]	No	Unset	Unreviewed	
24810	Out of bounds array index	HwAccDmaCh_CmdClearError()	565	65	Warning: array index may be outside bounds : [0..0]	No	Unset	Unreviewed	
24811	Out of bounds array index	HwAccDmaCh_CmdClearError()	565	76	Warning: array index may be outside bounds : [0..31]	No	Unset	Unreviewed	
24920	Out of bounds array index	HwAccDmaCh_SetControl_EnMasterIdReplication()	644	84	Warning: array index may be outside bounds : [0..0]	No	Unset	Unreviewed	
24921	Out of bounds array index	HwAccDmaCh_SetControl_EnMasterIdReplication()	644	95	Warning: array index may be outside bounds : [0..31]	No	Unset	Unreviewed	
24784	Out of bounds array index	HwAccDmaCh_SetControl_EnBufferedWrites()	664	79	Warning: array index may be outside bounds : [0..0]	No	Unset	Unreviewed	
24785	Out of bounds array index	HwAccDmaCh_SetControl_EnBufferedWrites()	664	90	Warning: array index may be outside bounds : [0..31]	No	Unset	Unreviewed	
24713	Out of bounds array index	HwAccDmaCh_SetRequest_EnRequest()	683	74	Warning: array index may be outside bounds : [0..0]	No	Unset	Unreviewed	
24714	Out of bounds array index	HwAccDmaCh_SetRequest_EnRequest()	683	85	Warning: array index may be outside bounds : [0..31]	No	Unset	Unreviewed	
24761	Out of bounds array index	HwAccDmaCh_SetInterrupt_EnError()	700	72	Warning: array index may be outside bounds : [0..0]	No	Unset	Unreviewed	
24762	Out of bounds array index	HwAccDmaCh_SetInterrupt_EnError()	700	83	Warning: array index may be outside bounds : [0..31]	No	Unset	Unreviewed	
24777	Out of bounds array index	HwAccDmaCh_SetPriority_Group()	739	91	Warning: array index may be outside bounds : [0..0]	No	Unset	Unreviewed	
24836	Out of bounds array index	HwAccDmaCh_SetPriority_Level()	758	69	Warning: array index may be outside bounds : [0..0]	No	Unset	Unreviewed	
24837	Out of bounds array index	HwAccDmaCh_SetPriority_Level()	758	80	Warning: array index may be outside bounds : [0..31]	No	Unset	Unreviewed	
24754	Out of bounds array index	HwAccDmaCh_SetPriority_EnPreemption()	777	76	Warning: array index may be outside bounds : [0..0]	No	Unset	Unreviewed	
24755	Out of bounds array index	HwAccDmaCh_SetPriority_EnPreemption()	777	87	Warning: array index may be outside bounds : [0..31]	No	Unset	Unreviewed	
24870	Out of bounds array index	HwAccDmaCh_SetPriority_DisPreempt()	797	74	Warning: array index may be outside bounds : [0..0]	No	Unset	Unreviewed	
24871	Out of bounds array index	HwAccDmaCh_SetPriority_DisPreempt()	797	85	Warning: array index may be outside bounds : [0..31]	No	Unset	Unreviewed	

ID	Check	Function	Line	Col	Detail	Jus	Severity	Status	Comment
24822	Out of bounds array index	HwAccDmaCh_GetSourceAddress()	1408	68	Warning: array index may be outside bounds : [0..0]	No	Unset	Unreviewed	
24823	Out of bounds array index	HwAccDmaCh_GetSourceAddress()	1408	79	Warning: array index may be outside bounds : [0..31]	No	Unset	Unreviewed	
24657	Out of bounds array index	HwAccDmaCh_GetDestinationAddress()	1433	73	Warning: array index may be outside bounds : [0..0]	No	Unset	Unreviewed	
24658	Out of bounds array index	HwAccDmaCh_GetDestinationAddress()	1433	84	Warning: array index may be outside bounds : [0..31]	No	Unset	Unreviewed	
24904	Out of bounds array index	HwAccDmaCh_GetBeginIndex()	1456	69	Warning: array index may be outside bounds : [0..0]	No	Unset	Unreviewed	
24905	Out of bounds array index	HwAccDmaCh_GetBeginIndex()	1456	80	Warning: array index may be outside bounds : [0..31]	No	Unset	Unreviewed	
24744	Out of bounds array index	HwAccDmaCh_GetCurrentIndex()	1474	71	Warning: array index may be outside bounds : [0..0]	No	Unset	Unreviewed	
24745	Out of bounds array index	HwAccDmaCh_GetCurrentIndex()	1474	82	Warning: array index may be outside bounds : [0..31]	No	Unset	Unreviewed	
24723	Out of bounds array index	HwAccDmaCh_GetStoreDstAddress()	1496	70	Warning: array index may be outside bounds : [0..0]	No	Unset	Unreviewed	
24724	Out of bounds array index	HwAccDmaCh_GetStoreDstAddress()	1496	81	Warning: array index may be outside bounds : [0..31]	No	Unset	Unreviewed	
24727	Illegally dereferenced pointer	HwAccDmaCh_GetStoreDstAddress()	1500	24	Warning: pointer may be outside its bounds	No	Unset	Unreviewed	
24728	Non-initialized variable	HwAccDmaCh_GetStoreDstAddress()	1500	24	Warning: variable may be non-initialized (type: unsigned int 16)	No	Unset	Unreviewed	
24887	Out of bounds array index	HwAccDmaCh_GetMasterId()	1521	63	Warning: array index may be outside bounds : [0..0]	No	Unset	Unreviewed	
24888	Out of bounds array index	HwAccDmaCh_GetMasterId()	1521	74	Warning: array index may be outside bounds : [0..31]	No	Unset	Unreviewed	
24880	Out of bounds array index	HwAccDmaCh_GetIntMajor()	1540	63	Warning: array index may be outside bounds : [0..0]	No	Unset	Unreviewed	
24881	Out of bounds array index	HwAccDmaCh_GetIntMajor()	1540	74	Warning: array index may be outside bounds : [0..31]	No	Unset	Unreviewed	
24737	Out of bounds array index	HwAccDmaCh_GetIntHalfMajor()	1558	67	Warning: array index may be outside bounds : [0..0]	No	Unset	Unreviewed	
24738	Out of bounds array index	HwAccDmaCh_GetIntHalfMajor()	1558	78	Warning: array index may be outside bounds : [0..31]	No	Unset	Unreviewed	

**Table 5.74. D:\jessie\3\_NXP\S32DS\_S32K312EVBQ172\8\_I2C\_Master\_DMA\_FunctionTest\_RTD3.0.0\S32K312\_I2C\_Master\_MCAL\RTD\src\Dma\_Ip\_Irq.c**

ID	Check	Function	Line	Col	Detail	Jus	Severity	Status	Comment
25354	Illegally dereferenced pointer	IrqHandler()	362	73	Warning: pointer may be outside its bounds	No	Unset	Unreviewed	
25355	Non-initialized variable	IrqHandler()	362	83	Warning: variable may be non-initialized (type: unsigned int 16)	No	Unset	Unreviewed	
25362	Non-initialized variable	IrqHandler()	363	83	Warning: variable may be non-initialized (type: unsigned int 16)	No	Unset	Unreviewed	
25369	Non-initialized variable	IrqHandler()	364	84	Warning: variable may be non-initialized (type: unsigned int 16)	No	Unset	Unreviewed	
25376	Non-initialized variable	IrqHandler()	365	83	Warning: variable may be non-initialized (type: unsigned int 16)	No	Unset	Unreviewed	

**Table 5.75.****D:\jessie\3\_NXP\S32DS\_S32K312EVBQ172\8\_I2C\_Master\_DMA\_FunctionTest\_RTD3.0.0\S32K312\_I2C\_Master\_MCAL\RTD\src\Emios\_Mcl\_Ip.c**

ID	Check	Function	Line	Col	Detail	Jus	Severity	Status	Comment
25461	Out of bounds array index	Emios_Mcl_Ip_Init()	187	55	Warning: array index may be outside bounds : [0..1]	No	Unset	Unreviewed	
25468	Non-initialized variable	Emios_Mcl_Ip_Init()	203	18	Warning: variable may be non-initialized (type: unsigned int 16)	No	Unset	Unreviewed	
25861	Out of bounds array index	Emios_Mcl_Ip_EnableChannel()	288	39	Warning: array index may be outside bounds : [0..1]	No	Unset	Unreviewed	
25865	Non-initialized variable	Emios_Mcl_Ip_EnableChannel()	289	10	Warning: variable may be non-initialized (type: unsigned int 16)	No	Unset	Unreviewed	
25867	Invalid shift operations	Emios_Mcl_Ip_EnableChannel()	289	39	Warning: scalar shift amount may be outside its bounds[0..15]	No	Unset	Unreviewed	
25452	Out of bounds array index	Emios_Mcl_Ip_DisableChannel()	300	39	Warning: array index may be outside bounds : [0..1]	No	Unset	Unreviewed	
25456	Non-initialized variable	Emios_Mcl_Ip_DisableChannel()	301	10	Warning: variable may be non-initialized (type: unsigned int 16)	No	Unset	Unreviewed	
25458	Invalid shift operations	Emios_Mcl_Ip_DisableChannel()	301	38	Warning: scalar shift amount may be outside its bounds[0..15]	No	Unset	Unreviewed	
25869	Out of bounds array index	Emios_Mcl_Ip_ComparatorTransferEnable()	312	39	Warning: array index may be outside bounds : [0..1]	No	Unset	Unreviewed	
25873	Non-initialized variable	Emios_Mcl_Ip_ComparatorTransferEnable()	314	10	Warning: variable may be non-initialized (type: unsigned int 16)	No	Unset	Unreviewed	

ID	Check	Function	Line	Col	Detail	Jus	Severity	Status	Comment
25854	Out of bounds array index	Emios_Mcl_Ip_ComparatorTransferDisable()	325	39	Warning: array index may be outside bounds : [0..1]	No	Unset	Unreviewed	
25858	Non-initialized variable	Emios_Mcl_Ip_ComparatorTransferDisable()	327	10	Warning: variable may be non-initialized (type: unsigned int 16)	No	Unset	Unreviewed	
25783	Out of bounds array index	Emios_Mcl_Ip_Deinit()	339	55	Warning: array index may be outside bounds : [0..1]	No	Unset	Unreviewed	
25775	Out of bounds array index	Emios_Mcl_Ip_SetReloadInterval()	398	20	Warning: array index may be outside bounds : [0..1]	No	Unset	Unreviewed	
25780	Out of bounds array index	Emios_Mcl_Ip_SetReloadInterval()	398	39	Warning: array index may be outside bounds : [0..23]	No	Unset	Unreviewed	
25743	Out of bounds array index	Emios_Mcl_Ip_ValidateChannel()	411	31	Warning: array index may be outside bounds : [0..1]	No	Unset	Unreviewed	
25744	Out of bounds array index	Emios_Mcl_Ip_ValidateChannel()	411	43	Warning: array index may be outside bounds : [0..23]	No	Unset	Unreviewed	
25750	Out of bounds array index	Emios_Mcl_Ip_SetCounterBusPeriod()	432	29	Warning: array index may be outside bounds : [0..1]	No	Unset	Unreviewed	
25751	Out of bounds array index	Emios_Mcl_Ip_SetCounterBusPeriod()	432	41	Warning: array index may be outside bounds : [0..23]	No	Unset	Unreviewed	
25877	Out of bounds array index	Emios_Mcl_Ip_GetCounterBusPeriod()	468	56	Warning: array index may be outside bounds : [0..1]	No	Unset	Unreviewed	
25878	Out of bounds array index	Emios_Mcl_Ip_GetCounterBusPeriod()	468	66	Warning: array index may be outside bounds : [0..23]	No	Unset	Unreviewed	
25844	Out of bounds array index	Emios_Mcl_Ip_ConfigureGlobalTimebase()	497	39	Warning: array index may be outside bounds : [0..1]	No	Unset	Unreviewed	
25852	Non-initialized variable	Emios_Mcl_Ip_ConfigureGlobalTimebase()	501	14	Warning: variable may be non-initialized (type: unsigned int 16)	No	Unset	Unreviewed	
25849	Non-initialized variable	Emios_Mcl_Ip_ConfigureGlobalTimebase()	505	14	Warning: variable may be non-initialized (type: unsigned int 16)	No	Unset	Unreviewed	

**Table 5.76.**

**D:\jessie\3\_NXP\S32DS\_S32K312EV BQ172\8\_I2C\_Master\_DMA\_FunctionTest\_RTD3.0.0\S32K312\_I2C\_Master\_MCAL\RTD\src\Flexio\_Mcl\_Ip.c**

ID	Check	Function	Line	Col	Detail	Jus	Severity	Status	Comment
25891	Out of bounds array index	Flexio_Mcl_Ip_InitDevice()	148	32	Warning: array index may be outside bounds : [0..0]	No	Unset	Unreviewed	
25904	Out of bounds array index	Flexio_Mcl_Ip_DeinitDevice()	176	32	Warning: array index may be outside bounds : [0..0]	No	Unset	Unreviewed	

**Table 5.77.**

**D:\Jessie\3\_NXP\S32DS\_S32K312EVBQ172\8\_I2C\_Master\_DMA\_FunctionTest\_RTD3.0.0\S32K312\_I2C\_Master\_MCAL\RTD\src\Flexio\_Mcl\_Ip\_HwAccess.c**

ID	Check	Function	Line	Col	Detail	Jus	Severity	Status	Comment
25934	Non-initialized variable	Flexio_Mcl_Ip_SetDebugEnable()	176	40	Warning: variable may be non-initialized (type: unsigned int 16)	No	Unset	Unreviewed	
26029	Non-initialized variable	Flexio_Mcl_Ip_SetEnable()	190	40	Warning: variable may be non-initialized (type: unsigned int 16)	No	Unset	Unreviewed	
25993	Invalid shift operations	Flexio_Mcl_Ip_GetShifterStatus()	209	35	Warning: scalar shift amount may be outside its bounds[0..15]	No	Unset	Unreviewed	
25953	Invalid shift operations	Flexio_Mcl_Ip_ClearShifterStatus()	234	30	Warning: scalar shift amount may be outside its bounds[0..31]	No	Unset	Unreviewed	
26009	Invalid shift operations	Flexio_Mcl_Ip_GetShifterErrorStatus()	248	34	Warning: scalar shift amount may be outside its bounds[0..15]	No	Unset	Unreviewed	
26015	Invalid shift operations	Flexio_Mcl_Ip_ClearShifterErrorStatus()	273	29	Warning: scalar shift amount may be outside its bounds[0..31]	No	Unset	Unreviewed	
25945	Invalid shift operations	Flexio_Mcl_Ip_GetTimerStatus()	289	33	Warning: scalar shift amount may be outside its bounds[0..15]	No	Unset	Unreviewed	
25930	Invalid shift operations	Flexio_Mcl_Ip_GetTimerInterruptEnable()	295	32	Warning: scalar shift amount may be outside its bounds[0..15]	No	Unset	Unreviewed	
26011	Invalid shift operations	Flexio_Mcl_Ip_ClearTimerStatus()	320	28	Warning: scalar shift amount may be outside its bounds[0..31]	No	Unset	Unreviewed	

**Table 5.78. D:\Jessie\3\_NXP\S32DS\_S32K312EVBQ172\8\_I2C\_Master\_DMA\_FunctionTest\_RTD3.0.0\S32K312\_I2C\_Master\_MCAL\RTD\src\I2c\_Ipw.c**

ID	Check	Function	Line	Col	Detail	Jus	Severity	Status	Comment
26461	Out of bounds array index	I2c_Ipw_SlaveCallback()	154	31	Warning: array index may be outside bounds : [0..5]	No	Unset	Unreviewed	
26463	Out of bounds array index	I2c_Ipw_SlaveCallback()	159	31	Warning: array index may be outside bounds : [0..5]	No	Unset	Unreviewed	

**Table 5.79. D:\Jessie\3\_NXP\S32DS\_S32K312EVBQ172\8\_I2C\_Master\_DMA\_FunctionTest\_RTD3.0.0\S32K312\_I2C\_Master\_MCAL\RTD\src\Lpi2c\_Ip.c**

ID	Check	Function	Line	Col	Detail	Jus	Severity	Status	Comment
26472	Out of bounds array index	Lpi2c_Ip_MasterSetBaudRate()	1710	30	Warning: array index may be outside bounds : [0..1]	No	Unset	Unreviewed	

ID	Check	Function	Line	Col	Detail	Jus	Severity	Status	Comment
26593	Out of bounds array index	Lpi2c_Ip_MasterGetBaudRate()	2008	30	Warning: array index may be outside bounds : [0..1]	No	Unset	Unreviewed	

**Table 5.80. D:\Jessie\3\_NXP\S32DS\_S32K312EVBQ172\8\_I2C\_Master\_DMA\_FunctionTest\_RTD3.0.0\S32K312\_I2C\_Master\_MCAL\RTD\src\Mcu.c**

ID	Check	Function	Line	Col	Detail	Jus	Severity	Status	Comment
26881	Out of bounds array index	Mcu_InitClock()	849	54	Warning: array index may be outside bounds : [0..0]	No	Unset	Unreviewed	
26867	Out of bounds array index	Mcu_SetMode()	902	48	Warning: array index may be outside bounds : [0..0]	No	Unset	Unreviewed	

**Table 5.81. D:\Jessie\3\_NXP\S32DS\_S32K312EVBQ172\8\_I2C\_Master\_DMA\_FunctionTest\_RTD3.0.0\S32K312\_I2C\_Master\_MCAL\RTD\src\Pit\_Ip.c**

ID	Check	Function	Line	Col	Detail	Jus	Severity	Status	Comment
27111	Out of bounds array index	Pit_Ip_SetCounterValue()	658	15	Warning: array index may be outside bounds : [0..1]	No	Unset	Unreviewed	
27091	Out of bounds array index	Pit_Ip_GetUpperLifetimerValue()	784	24	Warning: array index may be outside bounds : [0..1]	No	Unset	Unreviewed	

**Table 5.82.**

**D:\Jessie\3\_NXP\S32DS\_S32K312EVBQ172\8\_I2C\_Master\_DMA\_FunctionTest\_RTD3.0.0\S32K312\_I2C\_Master\_MCAL\RTD\src\Power\_Ip\_MC\_RGM.c**

ID	Check	Function	Line	Col	Detail	Jus	Severity	Status	Comment
36419	Invalid shift operations	Power_Ip_MC_RGM_CheckResetReason()	484	37	Warning: scalar shift amount may be outside its bounds[0..15]	No	Unset	Unreviewed	
27254	Invalid shift operations	Power_Ip_MC_RGM_GetResetRawValue()	642	41	Warning: scalar shift amount may be outside its bounds[0..15]	No	Unset	Unreviewed	
27275	Invalid shift operations	Power_Ip_MC_RGM_GetResetRawValue()	681	41	Warning: scalar shift amount may be outside its bounds[0..15]	No	Unset	Unreviewed	
27281	Invalid shift operations	Power_Ip_MC_RGM_GetResetRawValue()	686	47	Warning: scalar shift amount may be outside its bounds[0..15]	No	Unset	Unreviewed	

**Table 5.83. D:\Jessie\3\_NXP\S32DS\_S32K312EVBQ172\8\_I2C\_Master\_DMA\_FunctionTest\_RTD3.0.0\S32K312\_I2C\_Master\_MCAL\RTD\src\Ram\_Ip.c**

ID	Check	Function	Line	Col	Detail	Jus	Severity	Status	Comment
27485	Division by zero	Ram_Ip_InitRamSection()	284	90	Warning: scalar division by zero may occur	No	Unset	Unreviewed	
27496	Illegally dereferenced pointer	Ram_Ip_InitRamSection()	294	18	Warning: pointer may be outside its bounds	No	Unset	Unreviewed	



ID	Check	Function	Line	Col	Detail	Jus	Severity	Status	Comment
27504	Illegally dereferenced pointer	Ram_Ip_InitRamSection()	299	18	Warning: pointer may be outside its bounds	No	Unset	Unreviewed	
27512	Illegally dereferenced pointer	Ram_Ip_InitRamSection()	304	18	Warning: pointer may be outside its bounds	No	Unset	Unreviewed	
27520	Illegally dereferenced pointer	Ram_Ip_InitRamSection()	309	18	Warning: pointer may be outside its bounds	No	Unset	Unreviewed	
27536	Illegally dereferenced pointer	Ram_Ip_InitRamSection()	329	69	Warning: pointer may be outside its bounds	No	Unset	Unreviewed	
27537	Non-initialized variable	Ram_Ip_InitRamSection()	329	69	Warning: variable may be non-initialized (type: unsigned int 8)	No	Unset	Unreviewed	
27545	Illegally dereferenced pointer	Ram_Ip_InitRamSection()	337	69	Warning: pointer may be outside its bounds	No	Unset	Unreviewed	
27546	Non-initialized variable	Ram_Ip_InitRamSection()	337	69	Warning: variable may be non-initialized (type: unsigned int 16)	No	Unset	Unreviewed	
27554	Illegally dereferenced pointer	Ram_Ip_InitRamSection()	345	69	Warning: pointer may be outside its bounds	No	Unset	Unreviewed	
27555	Non-initialized variable	Ram_Ip_InitRamSection()	345	69	Warning: variable may be non-initialized (type: unsigned int 16)	No	Unset	Unreviewed	
27563	Illegally dereferenced pointer	Ram_Ip_InitRamSection()	353	69	Warning: pointer may be outside its bounds	No	Unset	Unreviewed	
27564	Non-initialized variable	Ram_Ip_InitRamSection()	353	69	Warning: variable may be non-initialized (type: unsigned int 32)	No	Unset	Unreviewed	

**Table 5.84.** D:\jessie\3\_NXP\S32DS\_S32K312EVBQ172\8\_I2C\_Master\_DMA\_FunctionTest\_RTD3.0.0\S32K312\_I2C\_Master\_MCAL\RTD\src\SchM\_Gpt.c

ID	Check	Function	Line	Col	Detail	Jus	Severity	Status	Comment
28683	Non-initialized local variable	Gpt_schm_read_msr()	421	19	Warning: local variable may be non-initialized (type: unsigned int 16)	No	Unset	Unreviewed	
28606	Out of bounds array index	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_00()	496	49	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
28611	Out of bounds array index	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_00()	510	33	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
28537	Out of bounds array index	SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_00()	519	39	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
28571	Out of bounds array index	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_01()	534	49	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	



ID	Check	Function	Line	Col	Detail	Jus	Severity	Status	Comment
28576	Out of bounds array index	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_01()	548	33	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
28832	Out of bounds array index	SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_01()	557	39	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
28467	Out of bounds array index	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_02()	572	49	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
28472	Out of bounds array index	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_02()	586	33	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
28526	Out of bounds array index	SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_02()	595	39	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
28419	Out of bounds array index	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_03()	610	49	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
28424	Out of bounds array index	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_03()	624	33	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
27820	Out of bounds array index	SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_03()	633	39	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
28339	Out of bounds array index	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_04()	648	49	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
28344	Out of bounds array index	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_04()	662	33	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
28548	Out of bounds array index	SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_04()	671	39	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
28269	Out of bounds array index	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_05()	686	49	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
28274	Out of bounds array index	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_05()	700	33	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
27831	Out of bounds array index	SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_05()	709	39	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
28222	Out of bounds array index	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_06()	724	49	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
28227	Out of bounds array index	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_06()	738	33	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
28630	Out of bounds array index	SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_06()	747	39	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
28198	Out of bounds array index	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_07()	762	49	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	

ID	Check	Function	Line	Col	Detail	Jus	Severity	Status	Comment
28203	Out of bounds array index	SchM_Enter_Gpt_GPT_EXCL USIVE_AREA_070	776	33	Warning: array index may be outside b ounds : [0..3]	No	Unset	Unreviewed	
27925	Out of bounds array index	SchM_Exit_Gpt_GPT_EXCLU SIVE_AREA_070	785	39	Warning: array index may be outside b ounds : [0..3]	No	Unset	Unreviewed	
27901	Out of bounds array index	SchM_Enter_Gpt_GPT_EXCL USIVE_AREA_100	800	49	Warning: array index may be outside b ounds : [0..3]	No	Unset	Unreviewed	
27906	Out of bounds array index	SchM_Enter_Gpt_GPT_EXCL USIVE_AREA_100	814	33	Warning: array index may be outside b ounds : [0..3]	No	Unset	Unreviewed	
28164	Out of bounds array index	SchM_Exit_Gpt_GPT_EXCLU SIVE_AREA_100	823	39	Warning: array index may be outside b ounds : [0..3]	No	Unset	Unreviewed	
27853	Out of bounds array index	SchM_Enter_Gpt_GPT_EXCL USIVE_AREA_110	838	49	Warning: array index may be outside b ounds : [0..3]	No	Unset	Unreviewed	
27858	Out of bounds array index	SchM_Enter_Gpt_GPT_EXCL USIVE_AREA_110	852	33	Warning: array index may be outside b ounds : [0..3]	No	Unset	Unreviewed	
27787	Out of bounds array index	SchM_Exit_Gpt_GPT_EXCLU SIVE_AREA_110	861	39	Warning: array index may be outside b ounds : [0..3]	No	Unset	Unreviewed	
27763	Out of bounds array index	SchM_Enter_Gpt_GPT_EXCL USIVE_AREA_120	876	49	Warning: array index may be outside b ounds : [0..3]	No	Unset	Unreviewed	
27768	Out of bounds array index	SchM_Enter_Gpt_GPT_EXCL USIVE_AREA_120	890	33	Warning: array index may be outside b ounds : [0..3]	No	Unset	Unreviewed	
28175	Out of bounds array index	SchM_Exit_Gpt_GPT_EXCLU SIVE_AREA_120	899	39	Warning: array index may be outside b ounds : [0..3]	No	Unset	Unreviewed	
28820	Out of bounds array index	SchM_Enter_Gpt_GPT_EXCL USIVE_AREA_170	914	49	Warning: array index may be outside b ounds : [0..3]	No	Unset	Unreviewed	
28825	Out of bounds array index	SchM_Enter_Gpt_GPT_EXCL USIVE_AREA_170	928	33	Warning: array index may be outside b ounds : [0..3]	No	Unset	Unreviewed	
28809	Out of bounds array index	SchM_Exit_Gpt_GPT_EXCLU SIVE_AREA_170	937	39	Warning: array index may be outside b ounds : [0..3]	No	Unset	Unreviewed	
28559	Out of bounds array index	SchM_Enter_Gpt_GPT_EXCL USIVE_AREA_210	952	49	Warning: array index may be outside b ounds : [0..3]	No	Unset	Unreviewed	
28564	Out of bounds array index	SchM_Enter_Gpt_GPT_EXCL USIVE_AREA_210	966	33	Warning: array index may be outside b ounds : [0..3]	No	Unset	Unreviewed	
28641	Out of bounds array index	SchM_Exit_Gpt_GPT_EXCLU SIVE_AREA_210	975	39	Warning: array index may be outside b ounds : [0..3]	No	Unset	Unreviewed	
28479	Out of bounds array index	SchM_Enter_Gpt_GPT_EXCL USIVE_AREA_220	990	49	Warning: array index may be outside b ounds : [0..3]	No	Unset	Unreviewed	

ID	Check	Function	Line	Col	Detail	Jus	Severity	Status	Comment
28484	Out of bounds array index	SchM_Enter_Gpt_GPT_EXCL USIVE_AREA_22()	1004	33	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
27936	Out of bounds array index	SchM_Exit_Gpt_GPT_EXCLU SIVE_AREA_22()	1013	39	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
28878	Out of bounds array index	SchM_Enter_Gpt_GPT_EXCL USIVE_AREA_23()	1028	49	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
28883	Out of bounds array index	SchM_Enter_Gpt_GPT_EXCL USIVE_AREA_23()	1042	33	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
28652	Out of bounds array index	SchM_Exit_Gpt_GPT_EXCLU SIVE_AREA_23()	1051	39	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
28351	Out of bounds array index	SchM_Enter_Gpt_GPT_EXCL USIVE_AREA_24()	1066	49	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
28356	Out of bounds array index	SchM_Enter_Gpt_GPT_EXCL USIVE_AREA_24()	1080	33	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
27947	Out of bounds array index	SchM_Exit_Gpt_GPT_EXCLU SIVE_AREA_24()	1089	39	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
28013	Out of bounds array index	SchM_Enter_Gpt_GPT_EXCL USIVE_AREA_25()	1104	49	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
28018	Out of bounds array index	SchM_Enter_Gpt_GPT_EXCL USIVE_AREA_25()	1118	33	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
28775	Out of bounds array index	SchM_Exit_Gpt_GPT_EXCLU SIVE_AREA_25()	1127	39	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
28234	Out of bounds array index	SchM_Enter_Gpt_GPT_EXCL USIVE_AREA_26()	1142	49	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
28239	Out of bounds array index	SchM_Enter_Gpt_GPT_EXCL USIVE_AREA_26()	1156	33	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
27958	Out of bounds array index	SchM_Exit_Gpt_GPT_EXCLU SIVE_AREA_26()	1165	39	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
28186	Out of bounds array index	SchM_Enter_Gpt_GPT_EXCL USIVE_AREA_27()	1180	49	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
28191	Out of bounds array index	SchM_Enter_Gpt_GPT_EXCL USIVE_AREA_27()	1194	33	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
28663	Out of bounds array index	SchM_Exit_Gpt_GPT_EXCLU SIVE_AREA_27()	1203	39	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
28152	Out of bounds array index	SchM_Enter_Gpt_GPT_EXCL USIVE_AREA_28()	1218	49	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	

ID	Check	Function	Line	Col	Detail	Jus	Severity	Status	Comment
28157	Out of bounds array index	SchM_Enter_Gpt_GPT_EXCL USIVE_AREA_28()	1232	33	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
27969	Out of bounds array index	SchM_Exit_Gpt_GPT_EXCLU SIVE_AREA_28()	1241	39	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
28104	Out of bounds array index	SchM_Enter_Gpt_GPT_EXCL USIVE_AREA_29()	1256	49	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
28109	Out of bounds array index	SchM_Enter_Gpt_GPT_EXCL USIVE_AREA_29()	1270	33	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
28674	Out of bounds array index	SchM_Exit_Gpt_GPT_EXCLU SIVE_AREA_29()	1279	39	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
27913	Out of bounds array index	SchM_Enter_Gpt_GPT_EXCL USIVE_AREA_30()	1294	49	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
27918	Out of bounds array index	SchM_Enter_Gpt_GPT_EXCL USIVE_AREA_30()	1308	33	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
28697	Out of bounds array index	SchM_Exit_Gpt_GPT_EXCLU SIVE_AREA_30()	1317	39	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
27865	Out of bounds array index	SchM_Enter_Gpt_GPT_EXCL USIVE_AREA_31()	1332	49	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
27870	Out of bounds array index	SchM_Enter_Gpt_GPT_EXCL USIVE_AREA_31()	1346	33	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
28305	Out of bounds array index	SchM_Exit_Gpt_GPT_EXCLU SIVE_AREA_31()	1355	39	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
28902	Out of bounds array index	SchM_Enter_Gpt_GPT_EXCL USIVE_AREA_35()	1370	49	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
28907	Out of bounds array index	SchM_Enter_Gpt_GPT_EXCL USIVE_AREA_35()	1384	33	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
28316	Out of bounds array index	SchM_Exit_Gpt_GPT_EXCLU SIVE_AREA_35()	1393	39	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
28855	Out of bounds array index	SchM_Enter_Gpt_GPT_EXCL USIVE_AREA_36()	1408	49	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
28860	Out of bounds array index	SchM_Enter_Gpt_GPT_EXCL USIVE_AREA_36()	1422	33	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
28926	Out of bounds array index	SchM_Exit_Gpt_GPT_EXCLU SIVE_AREA_36()	1431	39	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
28797	Out of bounds array index	SchM_Enter_Gpt_GPT_EXCL USIVE_AREA_38()	1446	49	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	

ID	Check	Function	Line	Col	Detail	Jus	Severity	Status	Comment
28802	Out of bounds array index	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_38()	1460	33	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
28937	Out of bounds array index	SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_38()	1469	39	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
28890	Out of bounds array index	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_39()	1484	49	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
28895	Out of bounds array index	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_39()	1498	33	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
28503	Out of bounds array index	SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_39()	1507	39	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
28618	Out of bounds array index	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_40()	1522	49	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
28623	Out of bounds array index	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_40()	1536	33	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
28786	Out of bounds array index	SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_40()	1545	39	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
27727	Out of bounds array index	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_41()	1560	49	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
27732	Out of bounds array index	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_41()	1574	33	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
27980	Out of bounds array index	SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_41()	1583	39	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
28491	Out of bounds array index	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_42()	1598	49	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
28496	Out of bounds array index	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_42()	1612	33	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
27842	Out of bounds array index	SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_42()	1621	39	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
28092	Out of bounds array index	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_43()	1636	49	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
28097	Out of bounds array index	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_43()	1650	33	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
27991	Out of bounds array index	SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_43()	1659	39	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
28363	Out of bounds array index	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_44()	1674	49	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	

ID	Check	Function	Line	Col	Detail	Jus	Severity	Status	Comment
28368	Out of bounds array index	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_44()	1688	33	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
28408	Out of bounds array index	SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_44()	1697	39	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
28281	Out of bounds array index	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_45()	1712	49	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
28286	Out of bounds array index	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_45()	1726	33	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
28002	Out of bounds array index	SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_45()	1735	39	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
28246	Out of bounds array index	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_46()	1750	49	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
28251	Out of bounds array index	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_46()	1764	33	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
28686	Out of bounds array index	SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_46()	1773	39	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
28443	Out of bounds array index	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_50()	1788	49	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
28448	Out of bounds array index	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_50()	1802	33	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
28386	Out of bounds array index	SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_50()	1811	39	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
27877	Out of bounds array index	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_51()	1826	49	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
27882	Out of bounds array index	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_51()	1840	33	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
27694	Out of bounds array index	SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_51()	1849	39	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
28763	Out of bounds array index	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_52()	1864	49	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
28768	Out of bounds array index	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_52()	1878	33	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
28375	Out of bounds array index	SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_52()	1887	39	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
27739	Out of bounds array index	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_53()	1902	49	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	



ID	Check	Function	Line	Col	Detail	Jus	Severity	Status	Comment
27744	Out of bounds array index	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_53()	1916	33	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
27705	Out of bounds array index	SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_53()	1925	39	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
27682	Out of bounds array index	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_54()	1940	49	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
27687	Out of bounds array index	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_54()	1954	33	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
28583	Out of bounds array index	SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_54()	1963	39	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
28914	Out of bounds array index	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_55()	1978	49	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
28919	Out of bounds array index	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_55()	1992	33	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
27716	Out of bounds array index	SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_55()	2001	39	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
28843	Out of bounds array index	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_56()	2016	49	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
28848	Out of bounds array index	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_56()	2030	33	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
28397	Out of bounds array index	SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_56()	2039	39	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
28594	Out of bounds array index	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_60()	2054	49	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
28599	Out of bounds array index	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_60()	2068	33	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
28037	Out of bounds array index	SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_60()	2077	39	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
28128	Out of bounds array index	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_61()	2092	49	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
28133	Out of bounds array index	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_61()	2106	33	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
28719	Out of bounds array index	SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_61()	2115	39	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
28455	Out of bounds array index	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_62()	2130	49	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	

ID	Check	Function	Line	Col	Detail	Jus	Severity	Status	Comment
28460	Out of bounds array index	SchM_Enter_Gpt_GPT_EXCL USIVE_AREA_62()	2144	33	Warning: array index may be outside b ounds : [0..3]	No	Unset	Unreviewed	
28048	Out of bounds array index	SchM_Exit_Gpt_GPT_EXCLU SIVE_AREA_62()	2153	39	Warning: array index may be outside b ounds : [0..3]	No	Unset	Unreviewed	
28431	Out of bounds array index	SchM_Enter_Gpt_GPT_EXCL USIVE_AREA_63()	2168	49	Warning: array index may be outside b ounds : [0..3]	No	Unset	Unreviewed	
28436	Out of bounds array index	SchM_Enter_Gpt_GPT_EXCL USIVE_AREA_63()	2182	33	Warning: array index may be outside b ounds : [0..3]	No	Unset	Unreviewed	
28708	Out of bounds array index	SchM_Exit_Gpt_GPT_EXCLU SIVE_AREA_63()	2191	39	Warning: array index may be outside b ounds : [0..3]	No	Unset	Unreviewed	
28327	Out of bounds array index	SchM_Enter_Gpt_GPT_EXCL USIVE_AREA_64()	2206	49	Warning: array index may be outside b ounds : [0..3]	No	Unset	Unreviewed	
28332	Out of bounds array index	SchM_Enter_Gpt_GPT_EXCL USIVE_AREA_64()	2220	33	Warning: array index may be outside b ounds : [0..3]	No	Unset	Unreviewed	
28059	Out of bounds array index	SchM_Exit_Gpt_GPT_EXCLU SIVE_AREA_64()	2229	39	Warning: array index may be outside b ounds : [0..3]	No	Unset	Unreviewed	
28293	Out of bounds array index	SchM_Enter_Gpt_GPT_EXCL USIVE_AREA_65()	2244	49	Warning: array index may be outside b ounds : [0..3]	No	Unset	Unreviewed	
28298	Out of bounds array index	SchM_Enter_Gpt_GPT_EXCL USIVE_AREA_65()	2258	33	Warning: array index may be outside b ounds : [0..3]	No	Unset	Unreviewed	
28730	Out of bounds array index	SchM_Exit_Gpt_GPT_EXCLU SIVE_AREA_65()	2267	39	Warning: array index may be outside b ounds : [0..3]	No	Unset	Unreviewed	
28514	Out of bounds array index	SchM_Enter_Gpt_GPT_EXCL USIVE_AREA_66()	2282	49	Warning: array index may be outside b ounds : [0..3]	No	Unset	Unreviewed	
28519	Out of bounds array index	SchM_Enter_Gpt_GPT_EXCL USIVE_AREA_66()	2296	33	Warning: array index may be outside b ounds : [0..3]	No	Unset	Unreviewed	
28070	Out of bounds array index	SchM_Exit_Gpt_GPT_EXCLU SIVE_AREA_66()	2305	39	Warning: array index may be outside b ounds : [0..3]	No	Unset	Unreviewed	
28210	Out of bounds array index	SchM_Enter_Gpt_GPT_EXCL USIVE_AREA_67()	2320	49	Warning: array index may be outside b ounds : [0..3]	No	Unset	Unreviewed	
28215	Out of bounds array index	SchM_Enter_Gpt_GPT_EXCL USIVE_AREA_67()	2334	33	Warning: array index may be outside b ounds : [0..3]	No	Unset	Unreviewed	
28741	Out of bounds array index	SchM_Exit_Gpt_GPT_EXCLU SIVE_AREA_67()	2343	39	Warning: array index may be outside b ounds : [0..3]	No	Unset	Unreviewed	
28140	Out of bounds array index	SchM_Enter_Gpt_GPT_EXCL USIVE_AREA_68()	2358	49	Warning: array index may be outside b ounds : [0..3]	No	Unset	Unreviewed	



ID	Check	Function	Line	Col	Detail	Jus	Severity	Status	Comment
28145	Out of bounds array index	SchM_Enter_Gpt_GPT_EXCL USIVE_AREA_680	2372	33	Warning: array index may be outside b ounds : [0..3]	No	Unset	Unreviewed	
28258	Out of bounds array index	SchM_Exit_Gpt_GPT_EXCLU SIVE_AREA_680	2381	39	Warning: array index may be outside b ounds : [0..3]	No	Unset	Unreviewed	
28116	Out of bounds array index	SchM_Enter_Gpt_GPT_EXCL USIVE_AREA_690	2396	49	Warning: array index may be outside b ounds : [0..3]	No	Unset	Unreviewed	
28121	Out of bounds array index	SchM_Enter_Gpt_GPT_EXCL USIVE_AREA_690	2410	33	Warning: array index may be outside b ounds : [0..3]	No	Unset	Unreviewed	
28752	Out of bounds array index	SchM_Exit_Gpt_GPT_EXCLU SIVE_AREA_690	2419	39	Warning: array index may be outside b ounds : [0..3]	No	Unset	Unreviewed	
28025	Out of bounds array index	SchM_Enter_Gpt_GPT_EXCL USIVE_AREA_700	2434	49	Warning: array index may be outside b ounds : [0..3]	No	Unset	Unreviewed	
28030	Out of bounds array index	SchM_Enter_Gpt_GPT_EXCL USIVE_AREA_700	2448	33	Warning: array index may be outside b ounds : [0..3]	No	Unset	Unreviewed	
27798	Out of bounds array index	SchM_Exit_Gpt_GPT_EXCLU SIVE_AREA_700	2457	39	Warning: array index may be outside b ounds : [0..3]	No	Unset	Unreviewed	
27889	Out of bounds array index	SchM_Enter_Gpt_GPT_EXCL USIVE_AREA_710	2472	49	Warning: array index may be outside b ounds : [0..3]	No	Unset	Unreviewed	
27894	Out of bounds array index	SchM_Enter_Gpt_GPT_EXCL USIVE_AREA_710	2486	33	Warning: array index may be outside b ounds : [0..3]	No	Unset	Unreviewed	
28867	Out of bounds array index	SchM_Exit_Gpt_GPT_EXCLU SIVE_AREA_710	2495	39	Warning: array index may be outside b ounds : [0..3]	No	Unset	Unreviewed	
27775	Out of bounds array index	SchM_Enter_Gpt_GPT_EXCL USIVE_AREA_720	2510	49	Warning: array index may be outside b ounds : [0..3]	No	Unset	Unreviewed	
27780	Out of bounds array index	SchM_Enter_Gpt_GPT_EXCL USIVE_AREA_720	2524	33	Warning: array index may be outside b ounds : [0..3]	No	Unset	Unreviewed	
27809	Out of bounds array index	SchM_Exit_Gpt_GPT_EXCLU SIVE_AREA_720	2533	39	Warning: array index may be outside b ounds : [0..3]	No	Unset	Unreviewed	
27751	Out of bounds array index	SchM_Enter_Gpt_GPT_EXCL USIVE_AREA_730	2548	49	Warning: array index may be outside b ounds : [0..3]	No	Unset	Unreviewed	
27756	Out of bounds array index	SchM_Enter_Gpt_GPT_EXCL USIVE_AREA_730	2562	33	Warning: array index may be outside b ounds : [0..3]	No	Unset	Unreviewed	
28081	Out of bounds array index	SchM_Exit_Gpt_GPT_EXCLU SIVE_AREA_730	2571	39	Warning: array index may be outside b ounds : [0..3]	No	Unset	Unreviewed	

**Table 5.85. D:\jessie\3\_NXP\S32DS\_S32K312EV BQ172\8\_I2C\_Master\_DMA\_FunctionTest\_RTD3.0.0\S32K312\_I2C\_Master\_MCAL\RTD\src\SchM\_Mcl.c**

ID	Check	Function	Line	Col	Detail	Jus	Severity	Status	Comment
29611	Non-initialized local variable	Mcl_schm_read_msr()	405	19	Warning: local variable may be non-initialized (type: unsigned int 16)	No	Unset	Unreviewed	
29601	Out of bounds array index	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_03()	594	49	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
29606	Out of bounds array index	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_03()	608	33	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
29118	Out of bounds array index	SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_03()	617	39	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
29381	Out of bounds array index	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_10()	860	49	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
29386	Out of bounds array index	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_10()	874	33	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
29348	Out of bounds array index	SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_10()	883	39	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
29221	Out of bounds array index	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_13()	974	49	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
29226	Out of bounds array index	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_13()	988	33	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
29787	Out of bounds array index	SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_13()	997	39	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
29197	Out of bounds array index	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_14()	1012	49	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
29202	Out of bounds array index	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_14()	1026	33	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
29731	Out of bounds array index	SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_14()	1035	39	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
29129	Out of bounds array index	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_15()	1050	49	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
29134	Out of bounds array index	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_15()	1064	33	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
29798	Out of bounds array index	SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_15()	1073	39	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
29106	Out of bounds array index	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_16()	1088	49	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	

ID	Check	Function	Line	Col	Detail	Jus	Severity	Status	Comment
29111	Out of bounds array index	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_16()	1102	33	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
29440	Out of bounds array index	SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_16()	1111	39	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
29404	Out of bounds array index	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_17()	1126	49	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
29409	Out of bounds array index	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_17()	1140	33	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
29776	Out of bounds array index	SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_17()	1149	39	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
29082	Out of bounds array index	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_18()	1164	49	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
29087	Out of bounds array index	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_18()	1178	33	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
29337	Out of bounds array index	SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_18()	1187	39	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
29695	Out of bounds array index	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_19()	1202	49	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
29700	Out of bounds array index	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_19()	1216	33	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
29765	Out of bounds array index	SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_19()	1225	39	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
29719	Out of bounds array index	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_20()	1240	49	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
29724	Out of bounds array index	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_20()	1254	33	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
29174	Out of bounds array index	SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_20()	1263	39	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
29683	Out of bounds array index	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_21()	1278	49	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
29688	Out of bounds array index	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_21()	1292	33	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
29393	Out of bounds array index	SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_21()	1301	39	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
29626	Out of bounds array index	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_22()	1316	49	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	

ID	Check	Function	Line	Col	Detail	Jus	Severity	Status	Comment
29631	Out of bounds array index	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_22()	1330	33	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
29163	Out of bounds array index	SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_22()	1339	39	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
29589	Out of bounds array index	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_23()	1354	49	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
29594	Out of bounds array index	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_23()	1368	33	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
29531	Out of bounds array index	SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_23()	1377	39	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
29565	Out of bounds array index	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_24()	1392	49	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
29570	Out of bounds array index	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_24()	1406	33	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
29152	Out of bounds array index	SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_24()	1415	39	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
29497	Out of bounds array index	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_25()	1430	49	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
29502	Out of bounds array index	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_25()	1444	33	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
29520	Out of bounds array index	SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_25()	1453	39	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
29058	Out of bounds array index	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_26()	1468	49	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
29063	Out of bounds array index	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_26()	1482	33	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
29141	Out of bounds array index	SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_26()	1491	39	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
29462	Out of bounds array index	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_27()	1506	49	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
29467	Out of bounds array index	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_27()	1520	33	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
29542	Out of bounds array index	SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_27()	1529	39	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
29302	Out of bounds array index	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_28()	1544	49	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	

ID	Check	Function	Line	Col	Detail	Jus	Severity	Status	Comment
29307	Out of bounds array index	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_28()	1558	33	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
29451	Out of bounds array index	SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_28()	1567	39	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
29416	Out of bounds array index	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_29()	1582	49	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
29421	Out of bounds array index	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_29()	1596	33	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
29509	Out of bounds array index	SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_29()	1605	39	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
29290	Out of bounds array index	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_30()	1620	49	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
29295	Out of bounds array index	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_30()	1634	33	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
29853	Out of bounds array index	SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_30()	1643	39	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
29278	Out of bounds array index	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_31()	1658	49	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
29283	Out of bounds array index	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_31()	1672	33	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
29474	Out of bounds array index	SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_31()	1681	39	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
29233	Out of bounds array index	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_32()	1696	49	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
29238	Out of bounds array index	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_32()	1710	33	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
29831	Out of bounds array index	SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_32()	1719	39	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
29209	Out of bounds array index	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_33()	1734	49	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
29214	Out of bounds array index	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_33()	1748	33	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
29742	Out of bounds array index	SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_33()	1757	39	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
29185	Out of bounds array index	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_34()	1772	49	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	

ID	Check	Function	Line	Col	Detail	Jus	Severity	Status	Comment
29190	Out of bounds array index	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_34()	1786	33	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
29820	Out of bounds array index	SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_34()	1795	39	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
29428	Out of bounds array index	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_35()	1810	49	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
29433	Out of bounds array index	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_35()	1824	33	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
29267	Out of bounds array index	SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_35()	1833	39	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
29094	Out of bounds array index	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_36()	1848	49	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
29099	Out of bounds array index	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_36()	1862	33	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
29809	Out of bounds array index	SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_36()	1871	39	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
29753	Out of bounds array index	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_37()	1886	49	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
29758	Out of bounds array index	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_37()	1900	33	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
29359	Out of bounds array index	SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_37()	1909	39	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
29070	Out of bounds array index	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_38()	1924	49	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
29075	Out of bounds array index	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_38()	1938	33	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
29842	Out of bounds array index	SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_38()	1947	39	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
29046	Out of bounds array index	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_39()	1962	49	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
29051	Out of bounds array index	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_39()	1976	33	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
29370	Out of bounds array index	SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_39()	1985	39	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
29707	Out of bounds array index	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_40()	2000	49	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	



ID	Check	Function	Line	Col	Detail	Jus	Severity	Status	Comment
29712	Out of bounds array index	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_40()	2014	33	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
29671	Out of bounds array index	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_41()	2038	49	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
29676	Out of bounds array index	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_41()	2052	33	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
29256	Out of bounds array index	SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_41()	2061	39	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
29614	Out of bounds array index	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_42()	2076	49	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
29619	Out of bounds array index	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_42()	2090	33	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
29660	Out of bounds array index	SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_42()	2099	39	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
29577	Out of bounds array index	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_43()	2114	49	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
29582	Out of bounds array index	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_43()	2128	33	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
29245	Out of bounds array index	SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_43()	2137	39	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
29553	Out of bounds array index	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_44()	2152	49	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
29558	Out of bounds array index	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_44()	2166	33	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
29649	Out of bounds array index	SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_44()	2175	39	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
29485	Out of bounds array index	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_45()	2190	49	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
29490	Out of bounds array index	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_45()	2204	33	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
29314	Out of bounds array index	SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_45()	2213	39	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
29325	Out of bounds array index	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_46()	2228	49	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
29330	Out of bounds array index	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_46()	2242	33	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	

ID	Check	Function	Line	Col	Detail	Jus	Severity	Status	Comment
29638	Out of bounds array index	SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_46()	2251	39	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	

**Table 5.86. D:\jessie\3\_NXP\S32DS\_S32K312EVBQ172\8\_I2C\_Master\_DMA\_FunctionTest\_RTD3.0.0\S32K312\_I2C\_Master\_MCAL\RTD\src\SchM\_Mcu.c**

ID	Check	Function	Line	Col	Detail	Jus	Severity	Status	Comment
29868	Non-initialized local variable	Mcu_schm_read_msr()	317	19	Warning: local variable may be non-initialized (type: unsigned int 16)	No	Unset	Unreviewed	
29906	Out of bounds array index	SchM_Enter_Mcu_MCU_EXCLUSIVE_AREA_00()	392	49	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
29911	Out of bounds array index	SchM_Enter_Mcu_MCU_EXCLUSIVE_AREA_00()	406	33	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
29894	Out of bounds array index	SchM_Enter_Mcu_MCU_EXCLUSIVE_AREA_01()	430	49	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
29899	Out of bounds array index	SchM_Enter_Mcu_MCU_EXCLUSIVE_AREA_01()	444	33	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
29918	Out of bounds array index	SchM_Exit_Mcu_MCU_EXCLUSIVE_AREA_01()	453	39	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
29882	Out of bounds array index	SchM_Enter_Mcu_MCU_EXCLUSIVE_AREA_02()	468	49	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
29887	Out of bounds array index	SchM_Enter_Mcu_MCU_EXCLUSIVE_AREA_02()	482	33	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
29871	Out of bounds array index	SchM_Exit_Mcu_MCU_EXCLUSIVE_AREA_02()	491	39	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	

**Table 5.87. D:\jessie\3\_NXP\S32DS\_S32K312EVBQ172\8\_I2C\_Master\_DMA\_FunctionTest\_RTD3.0.0\S32K312\_I2C\_Master\_MCAL\RTD\src\SchM\_Port.c**

ID	Check	Function	Line	Col	Detail	Jus	Severity	Status	Comment
30444	Non-initialized local variable	Port_schm_read_msr()	367	19	Warning: local variable may be non-initialized (type: unsigned int 16)	No	Unset	Unreviewed	
30342	Out of bounds array index	SchM_Enter_Port_PORT_EXCLUSIVE_AREA_01()	480	50	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
30347	Out of bounds array index	SchM_Enter_Port_PORT_EXCLUSIVE_AREA_01()	494	34	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
29997	Out of bounds array index	SchM_Exit_Port_PORT_EXCLUSIVE_AREA_01()	503	40	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
30180	Out of bounds array index	SchM_Enter_Port_PORT_EXCLUSIVE_AREA_02()	518	50	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	



ID	Check	Function	Line	Col	Detail	Jus	Severity	Status	Comment
30185	Out of bounds array index	SchM_Enter_Port_PORT_EXCLUSIVE_AREA_020	532	34	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
30307	Out of bounds array index	SchM_Enter_Port_PORT_EXCLUSIVE_AREA_030	556	50	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
30312	Out of bounds array index	SchM_Enter_Port_PORT_EXCLUSIVE_AREA_030	570	34	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
30400	Out of bounds array index	SchM_Enter_Port_PORT_EXCLUSIVE_AREA_040	594	50	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
30405	Out of bounds array index	SchM_Enter_Port_PORT_EXCLUSIVE_AREA_040	608	34	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
30239	Out of bounds array index	SchM_Exit_Port_PORT_EXCLUSIVE_AREA_040	617	40	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
30157	Out of bounds array index	SchM_Enter_Port_PORT_EXCLUSIVE_AREA_080	746	50	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
30162	Out of bounds array index	SchM_Enter_Port_PORT_EXCLUSIVE_AREA_080	760	34	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
30354	Out of bounds array index	SchM_Exit_Port_PORT_EXCLUSIVE_AREA_080	769	40	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
30504	Out of bounds array index	SchM_Enter_Port_PORT_EXCLUSIVE_AREA_090	784	50	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
30509	Out of bounds array index	SchM_Enter_Port_PORT_EXCLUSIVE_AREA_090	798	34	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
30424	Out of bounds array index	SchM_Exit_Port_PORT_EXCLUSIVE_AREA_090	807	40	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
30065	Out of bounds array index	SchM_Enter_Port_PORT_EXCLUSIVE_AREA_100	822	50	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
30070	Out of bounds array index	SchM_Enter_Port_PORT_EXCLUSIVE_AREA_100	836	34	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
30447	Out of bounds array index	SchM_Exit_Port_PORT_EXCLUSIVE_AREA_100	845	40	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
30145	Out of bounds array index	SchM_Enter_Port_PORT_EXCLUSIVE_AREA_110	860	50	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
30150	Out of bounds array index	SchM_Enter_Port_PORT_EXCLUSIVE_AREA_110	874	34	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
30481	Out of bounds array index	SchM_Exit_Port_PORT_EXCLUSIVE_AREA_110	883	40	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	

ID	Check	Function	Line	Col	Detail	Jus	Severity	Status	Comment
30273	Out of bounds array index	SchM_Enter_Port_PORT_EXCLUSIVE_AREA_120	898	50	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
30278	Out of bounds array index	SchM_Enter_Port_PORT_EXCLUSIVE_AREA_120	912	34	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
30008	Out of bounds array index	SchM_Exit_Port_PORT_EXCLUSIVE_AREA_120	921	40	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
30215	Out of bounds array index	SchM_Enter_Port_PORT_EXCLUSIVE_AREA_130	936	50	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
30220	Out of bounds array index	SchM_Enter_Port_PORT_EXCLUSIVE_AREA_130	950	34	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
30296	Out of bounds array index	SchM_Exit_Port_PORT_EXCLUSIVE_AREA_130	959	40	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
30458	Out of bounds array index	SchM_Enter_Port_PORT_EXCLUSIVE_AREA_140	974	50	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
30463	Out of bounds array index	SchM_Enter_Port_PORT_EXCLUSIVE_AREA_140	988	34	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
30099	Out of bounds array index	SchM_Exit_Port_PORT_EXCLUSIVE_AREA_140	997	40	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
29985	Out of bounds array index	SchM_Enter_Port_PORT_EXCLUSIVE_AREA_150	1012	50	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
29990	Out of bounds array index	SchM_Enter_Port_PORT_EXCLUSIVE_AREA_150	1026	34	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
30019	Out of bounds array index	SchM_Exit_Port_PORT_EXCLUSIVE_AREA_150	1035	40	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
30053	Out of bounds array index	SchM_Enter_Port_PORT_EXCLUSIVE_AREA_160	1050	50	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
30058	Out of bounds array index	SchM_Enter_Port_PORT_EXCLUSIVE_AREA_160	1064	34	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
30192	Out of bounds array index	SchM_Exit_Port_PORT_EXCLUSIVE_AREA_160	1073	40	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
30133	Out of bounds array index	SchM_Enter_Port_PORT_EXCLUSIVE_AREA_170	1088	50	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
30138	Out of bounds array index	SchM_Enter_Port_PORT_EXCLUSIVE_AREA_170	1102	34	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
30285	Out of bounds array index	SchM_Exit_Port_PORT_EXCLUSIVE_AREA_170	1111	40	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	

ID	Check	Function	Line	Col	Detail	Jus	Severity	Status	Comment
30250	Out of bounds array index	SchM_Enter_Port_PORT_EXCLUSIVE_AREA_180	1126	50	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
30255	Out of bounds array index	SchM_Enter_Port_PORT_EXCLUSIVE_AREA_180	1140	34	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
30331	Out of bounds array index	SchM_Exit_Port_PORT_EXCLUSIVE_AREA_180	1149	40	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
30377	Out of bounds array index	SchM_Enter_Port_PORT_EXCLUSIVE_AREA_190	1164	50	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
30382	Out of bounds array index	SchM_Enter_Port_PORT_EXCLUSIVE_AREA_190	1178	34	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
30389	Out of bounds array index	SchM_Exit_Port_PORT_EXCLUSIVE_AREA_190	1187	40	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
30365	Out of bounds array index	SchM_Enter_Port_PORT_EXCLUSIVE_AREA_200	1202	50	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
30370	Out of bounds array index	SchM_Enter_Port_PORT_EXCLUSIVE_AREA_200	1216	34	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
30435	Out of bounds array index	SchM_Exit_Port_PORT_EXCLUSIVE_AREA_200	1225	40	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
30227	Out of bounds array index	SchM_Enter_Port_PORT_EXCLUSIVE_AREA_210	1240	50	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
30232	Out of bounds array index	SchM_Enter_Port_PORT_EXCLUSIVE_AREA_210	1254	34	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
30470	Out of bounds array index	SchM_Exit_Port_PORT_EXCLUSIVE_AREA_210	1263	40	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
30319	Out of bounds array index	SchM_Enter_Port_PORT_EXCLUSIVE_AREA_220	1278	50	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
30324	Out of bounds array index	SchM_Enter_Port_PORT_EXCLUSIVE_AREA_220	1292	34	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
30077	Out of bounds array index	SchM_Exit_Port_PORT_EXCLUSIVE_AREA_220	1301	40	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
30412	Out of bounds array index	SchM_Enter_Port_PORT_EXCLUSIVE_AREA_230	1316	50	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
30417	Out of bounds array index	SchM_Enter_Port_PORT_EXCLUSIVE_AREA_230	1330	34	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
30042	Out of bounds array index	SchM_Exit_Port_PORT_EXCLUSIVE_AREA_230	1339	40	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	

ID	Check	Function	Line	Col	Detail	Jus	Severity	Status	Comment
30492	Out of bounds array index	SchM_Enter_Port_PORT_EXCLUSIVE_AREA_240	1354	50	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
30497	Out of bounds array index	SchM_Enter_Port_PORT_EXCLUSIVE_AREA_240	1368	34	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
30088	Out of bounds array index	SchM_Exit_Port_PORT_EXCLUSIVE_AREA_240	1377	40	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
30030	Out of bounds array index	SchM_Enter_Port_PORT_EXCLUSIVE_AREA_250	1392	50	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
30035	Out of bounds array index	SchM_Enter_Port_PORT_EXCLUSIVE_AREA_250	1406	34	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
30122	Out of bounds array index	SchM_Exit_Port_PORT_EXCLUSIVE_AREA_250	1415	40	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
30110	Out of bounds array index	SchM_Enter_Port_PORT_EXCLUSIVE_AREA_260	1430	50	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
30115	Out of bounds array index	SchM_Enter_Port_PORT_EXCLUSIVE_AREA_260	1444	34	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
30169	Out of bounds array index	SchM_Exit_Port_PORT_EXCLUSIVE_AREA_260	1453	40	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
30203	Out of bounds array index	SchM_Enter_Port_PORT_EXCLUSIVE_AREA_270	1468	50	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
30208	Out of bounds array index	SchM_Enter_Port_PORT_EXCLUSIVE_AREA_270	1482	34	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
30262	Out of bounds array index	SchM_Exit_Port_PORT_EXCLUSIVE_AREA_270	1491	40	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	

**Table 5.88. D:\jessie\3\_NXP\S32DS\_S32K312EVBQ172\8\_I2C\_Master\_DMA\_FunctionTest\_RTD3.0.0\S32K312\_I2C\_Master\_MCAL\RTD\src\SchM\_Rm.c**

ID	Check	Function	Line	Col	Detail	Jus	Severity	Status	Comment
30699	Non-initialized local variable	Rm_schm_read_msr()	337	19	Warning: local variable may be non-initialized (type: unsigned int 16)	No	Unset	Unreviewed	
30807	Out of bounds array index	SchM_Enter_Rm_RM_EXCLUSIVE_AREA_000	412	48	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
30812	Out of bounds array index	SchM_Enter_Rm_RM_EXCLUSIVE_AREA_000	426	32	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
30666	Out of bounds array index	SchM_Exit_Rm_RM_EXCLUSIVE_AREA_000	435	38	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	

ID	Check	Function	Line	Col	Detail	Jus	Severity	Status	Comment
30714	Out of bounds array index	SchM_Enter_Rm_RM_EXCL USIVE_AREA_01()	450	48	Warning: array index may be outside b ounds : [0..3]	No	Unset	Unreviewed	
30719	Out of bounds array index	SchM_Enter_Rm_RM_EXCL USIVE_AREA_01()	464	32	Warning: array index may be outside b ounds : [0..3]	No	Unset	Unreviewed	
30553	Out of bounds array index	SchM_Exit_Rm_RM_EXCLU SIVE_AREA_01()	473	38	Warning: array index may be outside b ounds : [0..3]	No	Unset	Unreviewed	
30677	Out of bounds array index	SchM_Enter_Rm_RM_EXCL USIVE_AREA_02()	488	48	Warning: array index may be outside b ounds : [0..3]	No	Unset	Unreviewed	
30682	Out of bounds array index	SchM_Enter_Rm_RM_EXCL USIVE_AREA_02()	502	32	Warning: array index may be outside b ounds : [0..3]	No	Unset	Unreviewed	
30819	Out of bounds array index	SchM_Exit_Rm_RM_EXCLU SIVE_AREA_02()	511	38	Warning: array index may be outside b ounds : [0..3]	No	Unset	Unreviewed	
30575	Out of bounds array index	SchM_Enter_Rm_RM_EXCL USIVE_AREA_03()	526	48	Warning: array index may be outside b ounds : [0..3]	No	Unset	Unreviewed	
30580	Out of bounds array index	SchM_Enter_Rm_RM_EXCL USIVE_AREA_03()	540	32	Warning: array index may be outside b ounds : [0..3]	No	Unset	Unreviewed	
30749	Out of bounds array index	SchM_Exit_Rm_RM_EXCLU SIVE_AREA_03()	549	38	Warning: array index may be outside b ounds : [0..3]	No	Unset	Unreviewed	
30830	Out of bounds array index	SchM_Enter_Rm_RM_EXCL USIVE_AREA_04()	564	48	Warning: array index may be outside b ounds : [0..3]	No	Unset	Unreviewed	
30835	Out of bounds array index	SchM_Enter_Rm_RM_EXCL USIVE_AREA_04()	578	32	Warning: array index may be outside b ounds : [0..3]	No	Unset	Unreviewed	
30644	Out of bounds array index	SchM_Exit_Rm_RM_EXCLU SIVE_AREA_04()	587	38	Warning: array index may be outside b ounds : [0..3]	No	Unset	Unreviewed	
30737	Out of bounds array index	SchM_Enter_Rm_RM_EXCL USIVE_AREA_05()	602	48	Warning: array index may be outside b ounds : [0..3]	No	Unset	Unreviewed	
30742	Out of bounds array index	SchM_Enter_Rm_RM_EXCL USIVE_AREA_05()	616	32	Warning: array index may be outside b ounds : [0..3]	No	Unset	Unreviewed	
30655	Out of bounds array index	SchM_Exit_Rm_RM_EXCLU SIVE_AREA_05()	625	38	Warning: array index may be outside b ounds : [0..3]	No	Unset	Unreviewed	
30702	Out of bounds array index	SchM_Enter_Rm_RM_EXCL USIVE_AREA_06()	640	48	Warning: array index may be outside b ounds : [0..3]	No	Unset	Unreviewed	
30707	Out of bounds array index	SchM_Enter_Rm_RM_EXCL USIVE_AREA_06()	654	32	Warning: array index may be outside b ounds : [0..3]	No	Unset	Unreviewed	
30599	Out of bounds array index	SchM_Exit_Rm_RM_EXCLU SIVE_AREA_06()	663	38	Warning: array index may be outside b ounds : [0..3]	No	Unset	Unreviewed	

ID	Check	Function	Line	Col	Detail	Jus	Severity	Status	Comment
30621	Out of bounds array index	SchM_Enter_Rm_RM_EXCL USIVE_AREA_070	678	48	Warning: array index may be outside b ounds : [0..3]	No	Unset	Unreviewed	
30626	Out of bounds array index	SchM_Enter_Rm_RM_EXCL USIVE_AREA_070	692	32	Warning: array index may be outside b ounds : [0..3]	No	Unset	Unreviewed	
30542	Out of bounds array index	SchM_Exit_Rm_RM_EXCLU SIVE_AREA_070	701	38	Warning: array index may be outside b ounds : [0..3]	No	Unset	Unreviewed	
30784	Out of bounds array index	SchM_Enter_Rm_RM_EXCL USIVE_AREA_080	716	48	Warning: array index may be outside b ounds : [0..3]	No	Unset	Unreviewed	
30789	Out of bounds array index	SchM_Enter_Rm_RM_EXCL USIVE_AREA_080	730	32	Warning: array index may be outside b ounds : [0..3]	No	Unset	Unreviewed	
30796	Out of bounds array index	SchM_Exit_Rm_RM_EXCLU SIVE_AREA_080	739	38	Warning: array index may be outside b ounds : [0..3]	No	Unset	Unreviewed	
30772	Out of bounds array index	SchM_Enter_Rm_RM_EXCL USIVE_AREA_090	754	48	Warning: array index may be outside b ounds : [0..3]	No	Unset	Unreviewed	
30777	Out of bounds array index	SchM_Enter_Rm_RM_EXCL USIVE_AREA_090	768	32	Warning: array index may be outside b ounds : [0..3]	No	Unset	Unreviewed	
30726	Out of bounds array index	SchM_Exit_Rm_RM_EXCLU SIVE_AREA_090	777	38	Warning: array index may be outside b ounds : [0..3]	No	Unset	Unreviewed	
30760	Out of bounds array index	SchM_Enter_Rm_RM_EXCL USIVE_AREA_100	792	48	Warning: array index may be outside b ounds : [0..3]	No	Unset	Unreviewed	
30765	Out of bounds array index	SchM_Enter_Rm_RM_EXCL USIVE_AREA_100	806	32	Warning: array index may be outside b ounds : [0..3]	No	Unset	Unreviewed	
30610	Out of bounds array index	SchM_Exit_Rm_RM_EXCLU SIVE_AREA_100	815	38	Warning: array index may be outside b ounds : [0..3]	No	Unset	Unreviewed	
30689	Out of bounds array index	SchM_Enter_Rm_RM_EXCL USIVE_AREA_110	830	48	Warning: array index may be outside b ounds : [0..3]	No	Unset	Unreviewed	
30694	Out of bounds array index	SchM_Enter_Rm_RM_EXCL USIVE_AREA_110	844	32	Warning: array index may be outside b ounds : [0..3]	No	Unset	Unreviewed	
30633	Out of bounds array index	SchM_Exit_Rm_RM_EXCLU SIVE_AREA_110	853	38	Warning: array index may be outside b ounds : [0..3]	No	Unset	Unreviewed	
30587	Out of bounds array index	SchM_Enter_Rm_RM_EXCL USIVE_AREA_120	868	48	Warning: array index may be outside b ounds : [0..3]	No	Unset	Unreviewed	
30592	Out of bounds array index	SchM_Enter_Rm_RM_EXCL USIVE_AREA_120	882	32	Warning: array index may be outside b ounds : [0..3]	No	Unset	Unreviewed	
30564	Out of bounds array index	SchM_Exit_Rm_RM_EXCLU SIVE_AREA_120	891	38	Warning: array index may be outside b ounds : [0..3]	No	Unset	Unreviewed	



**Table 5.89. D:\Jessie\3\_NXP\S32DS\_S32K312EVBQ172\8\_I2C\_Master\_DMA\_FunctionTest\_RTD3.0.0\S32K312\_I2C\_Master\_MCAL\RTD\src\SchM\_Uart.c**

ID	Check	Function	Line	Col	Detail	Jus	Severity	Status	Comment
30903	Non-initialized local variable	Uart_schm_read_msr()	329	19	Warning: local variable may be non-initialized (type: unsigned int 16)	No	Unset	Unreviewed	
30906	Out of bounds array index	SchM_Enter_Uart_UART_EXCLUSIVE_AREA_06()	632	50	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
30911	Out of bounds array index	SchM_Enter_Uart_UART_EXCLUSIVE_AREA_06()	646	34	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
30871	Out of bounds array index	SchM_Exit_Uart_UART_EXCLUSIVE_AREA_06()	655	40	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
30882	Out of bounds array index	SchM_Enter_Uart_UART_EXCLUSIVE_AREA_07()	670	50	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
30887	Out of bounds array index	SchM_Enter_Uart_UART_EXCLUSIVE_AREA_07()	684	34	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
30860	Out of bounds array index	SchM_Exit_Uart_UART_EXCLUSIVE_AREA_07()	693	40	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
30918	Out of bounds array index	SchM_Enter_Uart_UART_EXCLUSIVE_AREA_08()	708	50	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
30923	Out of bounds array index	SchM_Enter_Uart_UART_EXCLUSIVE_AREA_08()	722	34	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	
30894	Out of bounds array index	SchM_Exit_Uart_UART_EXCLUSIVE_AREA_08()	731	40	Warning: array index may be outside bounds : [0..3]	No	Unset	Unreviewed	

**Table 5.90.**

**D:\Jessie\3\_NXP\S32DS\_S32K312EVBQ172\8\_I2C\_Master\_DMA\_FunctionTest\_RTD3.0.0\S32K312\_I2C\_Master\_MCAL\RTD\src\Siul2\_Port\_Ip.c**

ID	Check	Function	Line	Col	Detail	Jus	Severity	Status	Comment
31121	Out of bounds array index	Siul2_Port_Ip_SetPullSel()	693	22	Warning: array index may be outside bounds : [0..15]	No	Unset	Unreviewed	
31128	Out of bounds array index	Siul2_Port_Ip_SetPullSel()	699	31	Warning: array index may be outside bounds : [0..15]	No	Unset	Unreviewed	
31142	Out of bounds array index	Siul2_Port_Ip_SetPullSel()	709	31	Warning: array index may be outside bounds : [0..15]	No	Unset	Unreviewed	
31091	Out of bounds array index	Siul2_Port_Ip_SetOutputBuffer()	747	14	Warning: array index may be outside bounds : [0..15]	No	Unset	Unreviewed	
31002	Out of bounds array index	Siul2_Port_Ip_SetInputBuffer()	785	18	Warning: array index may be outside bounds : [0..15]	No	Unset	Unreviewed	

ID	Check	Function	Line	Col	Detail	Jus	Severity	Status	Comment
31046	Out of bounds array index	Siul2_Port_Ip_SetPinDirecti on()	842	18	Warning: array index may be outside b ounds : [0..15]	No	Unset	Unreviewed	
31062	Out of bounds array index	Siul2_Port_Ip_SetPinDirecti on()	847	18	Warning: array index may be outside b ounds : [0..15]	No	Unset	Unreviewed	
31078	Out of bounds array index	Siul2_Port_Ip_SetPinDirecti on()	852	18	Warning: array index may be outside b ounds : [0..15]	No	Unset	Unreviewed	
31084	Out of bounds array index	Siul2_Port_Ip_SetPinDirecti on()	856	18	Warning: array index may be outside b ounds : [0..15]	No	Unset	Unreviewed	

**Table 5.91.**

**D:\Jessie\3\_NXP\S32DS\_S32K312EVBQ172\8\_I2C\_Master\_DMA\_FunctionTest\_RT3.0.0\S32K312\_I2C\_Master\_MCAL\RTD\src\Tspc\_Port\_Ip.c**

ID	Check	Function	Line	Col	Detail	Jus	Severity	Status	Comment
31236	Out of bounds array index	Tspc_Port_Ip_ConfigureObe Group()	192	35	Warning: array index may be outside b ounds : [0..1]	No	Unset	Unreviewed	
31243	Invalid shift operations	Tspc_Port_Ip_ConfigureObe Group()	192	100	Warning: scalar shift amount may be o utside its bounds[0..15]	No	Unset	Unreviewed	
31222	Out of bounds array index	Tspc_Port_Ip_ConfigureObe Group()	196	35	Warning: array index may be outside b ounds : [0..1]	No	Unset	Unreviewed	
31229	Invalid shift operations	Tspc_Port_Ip_ConfigureObe Group()	196	100	Warning: scalar shift amount may be o utside its bounds[0..15]	No	Unset	Unreviewed	



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# Chapter 6. Global Variables

## Variable Checks for: I2C\_MCAL\_FunctionTest\_20250103 - CP\_Result

### Unused variable

Table 6.1.

D:\Jessie\3\_NXP\S32DS\_S32K312EVBQ172\8\_I2C\_Master\_DMA\_FunctionTest\_RTD3.0.0\S32K312\_I2C\_Master\_MCAL\RTD\include\Dma\_Ip\_Hw\_Access.h

ID	Detail	Protection	Line	Col	Severity	Status	Comment
41452	There exists no reachable operation on variable 'Dma_Ip_Hw_Access.g_ptHwChTcdPtrArray'.		144	52	Unset	Unreviewed	

Table 6.2. D:\Jessie\3\_NXP\S32DS\_S32K312EVBQ172\8\_I2C\_Master\_DMA\_FunctionTest\_RTD3.0.0\S32K312\_I2C\_Master\_MCAL\RTD\src\CDD\_I2c.c

ID	Detail	Protection	Line	Col	Severity	Status	Comment
38696	There exists no reachable operation on variable 'CDD_I2c.I2c_as8PartitionHardw areMap'.		242	6	Unset	Unreviewed	

Table 6.3. D:\Jessie\3\_NXP\S32DS\_S32K312EVBQ172\8\_I2C\_Master\_DMA\_FunctionTest\_RTD3.0.0\S32K312\_I2C\_Master\_MCAL\RTD\src\CDD\_Uart.c

ID	Detail	Protection	Line	Col	Severity	Status	Comment
38992	There exists no reachable operation on variable 'CDD_Uart.Uart_au32ClockFrequency'.		124	14	Unset	Unreviewed	
38991	There exists no reachable operation on variable 'CDD_Uart.Uart_apConfig'.		158	31	Unset	Unreviewed	

Table 6.4. D:\Jessie\3\_NXP\S32DS\_S32K312EVBQ172\8\_I2C\_Master\_DMA\_FunctionTest\_RTD3.0.0\S32K312\_I2C\_Master\_MCAL\RTD\src\Clock\_Ip.c

ID	Detail	Protection	Line	Col	Severity	Status	Comment
39148	There exists no reachable operation on variable 'Clock_Ip.FunctionWasCalled'.		133	15	Unset	Unreviewed	

**Table 6.5.****D:\Jessie\3\_NXP\S32DS\_S32K312EVBQ172\8\_I2C\_Master\_DMA\_FunctionTest\_RTD3.0.0\S32K312\_I2C\_Master\_MCAL\RTD\src\Clock\_Ip\_Data.c**

ID	Detail	Protection	Line	Col	Severity	Status	Comment
39551	There exists no reachable operation on variable 'Clock_Ip_Data.Clock_Ip_au8DividerCallbackIndex'.		892	12	Unset	Unreviewed	
39545	There exists no reachable operation on variable 'Clock_Ip_Data.Clock_Ip_au8DividerTriggerCallbackIndex'.		903	12	Unset	Unreviewed	
39575	There exists no reachable operation on variable 'Clock_Ip_Data.Clock_Ip_au8XoscCallbackIndex'.		914	12	Unset	Unreviewed	
39558	There exists no reachable operation on variable 'Clock_Ip_Data.Clock_Ip_au8FractionalDividerCallbackIndex'.		955	12	Unset	Unreviewed	
39573	There exists no reachable operation on variable 'Clock_Ip_Data.Clock_Ip_au8PllCallbackIndex'.		966	12	Unset	Unreviewed	
39568	There exists no reachable operation on variable 'Clock_Ip_Data.Clock_Ip_au8PcfsCallbackIndex'.		992	12	Unset	Unreviewed	
39557	There exists no reachable operation on variable 'Clock_Ip_Data.Clock_Ip_apxMcMeGetPartitions'.		3554	52	Unset	Unreviewed	
39572	There exists no reachable operation on variable 'Clock_Ip_Data.Clock_Ip_aeHwPlIName'.		3654	24	Unset	Unreviewed	
39570	There exists no reachable operation on variable 'Clock_Ip_Data.Clock_Ip_aeHwDfsName'.		3662	24	Unset	Unreviewed	

**Table 6.6.****D:\Jessie\3\_NXP\S32DS\_S32K312EVBQ172\8\_I2C\_Master\_DMA\_FunctionTest\_RTD3.0.0\S32K312\_I2C\_Master\_MCAL\RTD\src\Clock\_Ip\_Divider.c**

ID	Detail	Protection	Line	Col	Severity	Status	Comment
39583	There exists no reachable operation on variable 'Clock_Ip_Divider.Clock_Ip_axDividerCallbacks'.		326	35	Unset	Unreviewed	

**Table 6.7.****D:\Jessie\3\_NXP\S32DS\_S32K312EVBQ172\8\_I2C\_Master\_DMA\_FunctionTest\_RTD3.0.0\S32K312\_I2C\_Master\_MCAL\RTD\src\Clock\_Ip\_DividerTrigger.c**

ID	Detail	Protection	Line	Col	Severity	Status	Comment
39606	There exists no reachable operation on variable 'Clock_Ip_DividerTrigger.Clock_Ip_axDividerTriggerCallbacks'.		237	42	Unset	Unreviewed	

**Table 6.8.****D:\Jessie\3\_NXP\S32DS\_S32K312EVBQ172\8\_I2C\_Master\_DMA\_FunctionTest\_RTD3.0.0\S32K312\_I2C\_Master\_MCAL\RTD\src\Clock\_Ip\_ExtOsc.c**

ID	Detail	Protection	Line	Col	Severity	Status	Comment
39614	There exists no reachable operation on variable 'Clock_Ip_ExtOsc.Clock_Ip_axExtOscCallbacks'.		441	34	Unset	Unreviewed	

**Table 6.9.****D:\Jessie\3\_NXP\S32DS\_S32K312EVBQ172\8\_I2C\_Master\_DMA\_FunctionTest\_RTD3.0.0\S32K312\_I2C\_Master\_MCAL\RTD\src\Clock\_Ip\_FracDiv.c**

ID	Detail	Protection	Line	Col	Severity	Status	Comment
39618	There exists no reachable operation on variable 'Clock_Ip_FracDiv.Clock_Ip_axFracDivCallbacks'.		162	35	Unset	Unreviewed	

**Table 6.10. D:\Jessie\3\_NXP\S32DS\_S32K312EVBQ172\8\_I2C\_Master\_DMA\_FunctionTest\_RTD3.0.0\S32K312\_I2C\_Master\_MCAL\RTD\src\Clock\_Ip\_Pll.c**

ID	Detail	Protection	Line	Col	Severity	Status	Comment
39701	There exists no reachable operation on variable 'Clock_Ip_Pll.Clock_Ip_axPllCallbacks'.		439	31	Unset	Unreviewed	

**Table 6.11.****D:\Jessie\3\_NXP\S32DS\_S32K312EVBQ172\8\_I2C\_Master\_DMA\_FunctionTest\_RTD3.0.0\S32K312\_I2C\_Master\_MCAL\RTD\src\Clock\_Ip\_ProgFreqSwitch.c**

ID	Detail	Protection	Line	Col	Severity	Status	Comment
39726	There exists no reachable operation on variable 'Clock_Ip_ProgFreqSwitch.AMax'.		113	20	Unset	Unreviewed	
39724	There exists no reachable operation on variable 'Clock_Ip_ProgFreqSwitch.PcfsRate'.		114	20	Unset	Unreviewed	
39722	There exists no reachable operation on variable 'Clock_Ip_ProgFreqSwitch.Clock_Ip_axPcfsCallbacks'.		340	32	Unset	Unreviewed	

**Table 6.12.****D:\Jessie\3\_NXP\S32DS\_S32K312EVBQ172\8\_I2C\_Master\_DMA\_FunctionTest\_RTD3.0.0\S32K312\_I2C\_Master\_MCAL\RTD\src\Clock\_Ip\_Specific.c**

ID	Detail	Protection	Line	Col	Severity	Status	Comment
40002	There exists no reachable operation on variable 'Clock_Ip_Specific.Clock_Ip_SetFlashWaitStatesCallback'.		163	38	Unset	Unreviewed	

**Table 6.13.****D:\Jessie\3\_NXP\S32DS\_S32K312EVBQ172\8\_I2C\_Master\_DMA\_FunctionTest\_RTD3.0.0\S32K312\_I2C\_Master\_MCAL\RTD\src\Dma\_Ip\_Driver\_State.c**

ID	Detail	Protection	Line	Col	Severity	Status	Comment
40290	There exists no reachable operation on variable 'Dma_Ip_Driver_State.fpa_Dma_Ip_HwChannelState'.		205	25	Unset	Unreviewed	

**Table 6.14.****D:\Jessie\3\_NXP\S32DS\_S32K312EVBQ172\8\_I2C\_Master\_DMA\_FunctionTest\_RTD3.0.0\S32K312\_I2C\_Master\_MCAL\RTD\src\Dma\_Ip\_Hw\_Access.c**

ID	Detail	Protection	Line	Col	Severity	Status	Comment
40297	There exists no reachable operation on variable 'Dma_Ip_Hw_Access.fpHwAcc_DmaInst_Command'.		445	25	Unset	Unreviewed	
40294	There exists no reachable operation on variable 'Dma_Ip_Hw_Access.fpHwAcc_DmaCh_Command'.		581	25	Unset	Unreviewed	
40295	There exists no reachable operation on variable 'Dma_Ip_Hw_Access.fpHwAcc_DmaCh_SetGlobalParam'.		814	25	Unset	Unreviewed	
40296	There exists no reachable operation on variable 'Dma_Ip_Hw_Access.fpHwAcc_DmaCh_SetTransferParam'.		1352	25	Unset	Unreviewed	
40293	There exists no reachable operation on variable 'Dma_Ip_Hw_Access.fpHwAcc_DmaCh_GetParam'.		1635	25	Unset	Unreviewed	

**Table 6.15.****D:\Jessie\3\_NXP\S32DS\_S32K312EVBQ172\8\_I2C\_Master\_DMA\_FunctionTest\_RTD3.0.0\S32K312\_I2C\_Master\_MCAL\RTD\src\Dma\_Mux\_Ip.c**

ID	Detail	Protection	Line	Col	Severity	Status	Comment
40341	There exists no reachable operation on variable 'Dma_Mux_Ip.Dma_Mux_Ip_BasePointer'.		91	21	Unset	Unreviewed	

**Table 6.16.****D:\Jessie\3\_NXP\S32DS\_S32K312EVBQ172\8\_I2C\_Master\_DMA\_FunctionTest\_RTD3.0.0\S32K312\_I2C\_Master\_MCAL\RTD\src\Flexio\_Uart\_Ip.c**

ID	Detail	Protection	Line	Col	Severity	Status	Comment
40591	There exists no reachable operation on variable 'Flexio_Uart_Ip.Flexio_Uart_Ip_apStateStructure'.		171	34	Unset	Unreviewed	
40590	There exists no reachable operation on variable 'Flexio_Uart_Ip.Flexio_Uart_Ip_apUserConfig'.		195	38	Unset	Unreviewed	

**Table 6.17. D:\Jessie\3\_NXP\S32DS\_S32K312EVBQ172\8\_I2C\_Master\_DMA\_FunctionTest\_RTD3.0.0\S32K312\_I2C\_Master\_MCAL\RTD\src\Gpt.c**

ID	Detail	Protection	Line	Col	Severity	Status	Comment
40592	There exists no reachable operation on variable 'Gpt.Gpt_eMode'.		189	29	Unset	Unreviewed	
40595	There exists no reachable operation on variable 'Gpt.Gpt_aChannelInfo'.		207	27	Unset	Unreviewed	
40593	There exists no reachable operation on variable 'Gpt.Gpt_aStopTime'.		213	30	Unset	Unreviewed	

**Table 6.18. D:\Jessie\3\_NXP\S32DS\_S32K312EVBQ172\8\_I2C\_Master\_DMA\_FunctionTest\_RTD3.0.0\S32K312\_I2C\_Master\_MCAL\RTD\src\Port\_Ipw.c**

ID	Detail	Protection	Line	Col	Severity	Status	Comment
41007	There exists no reachable operation on variable 'Port_Ipw.Port_Ipw_au16GPIODirChangeability'.		184	14	Unset	Unreviewed	

**Table 6.19. D:\Jessie\3\_NXP\S32DS\_S32K312EVBQ172\8\_I2C\_Master\_DMA\_FunctionTest\_RTD3.0.0\S32K312\_I2C\_Master\_MCAL\RTD\src\SchM\_I2c.c**

ID	Detail	Protection	Line	Col	Severity	Status	Comment
41176	There exists no reachable operation on variable 'SchM_I2c.msr_I2C_EXCLUSIVE_AREA_00'.		119	23	Unset	Unreviewed	
41174	There exists no reachable operation on variable 'SchM_I2c.reentry_guard_I2C_EXCLUSIVE_AREA_00'.		120	23	Unset	Unreviewed	
41175	There exists no reachable operation on variable 'SchM_I2c.msr_I2C_EXCLUSIVE_AREA_01'.		121	23	Unset	Unreviewed	
41177	There exists no reachable operation on variable 'SchM_I2c.reentry_guard_I2C_EXCLUSIVE_AREA_01'.		122	23	Unset	Unreviewed	

**Table 6.20. D:\Jessie\3\_NXP\S32DS\_S32K312EVBQ172\8\_I2C\_Master\_DMA\_FunctionTest\_RTD3.0.0\S32K312\_I2C\_Master\_MCAL\RTD\src\SchM\_Mcl.c**

ID	Detail	Protection	Line	Col	Severity	Status	Comment
41208	There exists no reachable operation on variable 'SchM_Mcl.msr_MCL_EXCLUSIVE_AREA_00'.		119	23	Unset	Unreviewed	
41183	There exists no reachable operation on variable 'SchM_Mcl.reentry_guard_MCL_EXCLUSIVE_AREA_00'.		120	23	Unset	Unreviewed	
41229	There exists no reachable operation on variable 'SchM_Mcl.msr_MCL_EXCLUSIVE_AREA_01'.		121	23	Unset	Unreviewed	
41222	There exists no reachable operation on variable 'SchM_Mcl.reentry_guard_MCL_EXCLUSIVE_AREA_01'.		122	23	Unset	Unreviewed	

ID	Detail	Protection	Line	Col	Severity	Status	Comment
41204	There exists no reachable operation on variable 'SchM_Mcl.msr_MCL_EXCLUSIV E_AREA_02'.		123	23	Unset	Unreview ed	
41179	There exists no reachable operation on variable 'SchM_Mcl.reentry_guard_MCL_ EXCLUSIVE_AREA_02'.		124	23	Unset	Unreview ed	
41211	There exists no reachable operation on variable 'SchM_Mcl.msr_MCL_EXCLUSIV E_AREA_04'.		127	23	Unset	Unreview ed	
41182	There exists no reachable operation on variable 'SchM_Mcl.reentry_guard_MCL_ EXCLUSIVE_AREA_04'.		128	23	Unset	Unreview ed	
41259	There exists no reachable operation on variable 'SchM_Mcl.msr_MCL_EXCLUSIV E_AREA_05'.		129	23	Unset	Unreview ed	
41243	There exists no reachable operation on variable 'SchM_Mcl.reentry_guard_MCL_ EXCLUSIVE_AREA_05'.		130	23	Unset	Unreview ed	
41215	There exists no reachable operation on variable 'SchM_Mcl.msr_MCL_EXCLUSIV E_AREA_06'.		131	23	Unset	Unreview ed	
41178	There exists no reachable operation on variable 'SchM_Mcl.reentry_guard_MCL_ EXCLUSIVE_AREA_06'.		132	23	Unset	Unreview ed	
41262	There exists no reachable operation on variable 'SchM_Mcl.msr_MCL_EXCLUSIV E_AREA_07'.		133	23	Unset	Unreview ed	
41223	There exists no reachable operation on variable 'SchM_Mcl.reentry_guard_MCL_ EXCLUSIVE_AREA_07'.		134	23	Unset	Unreview ed	
41227	There exists no reachable operation on variable 'SchM_Mcl.msr_MCL_EXCLUSIV E_AREA_08'.		135	23	Unset	Unreview ed	
41181	There exists no reachable operation on variable 'SchM_Mcl.reentry_guard_MCL_ EXCLUSIVE_AREA_08'.		136	23	Unset	Unreview ed	
41264	There exists no reachable operation on variable 'SchM_Mcl.msr_MCL_EXCLUSIV E_AREA_09'.		137	23	Unset	Unreview ed	
41226	There exists no reachable operation on variable 'SchM_Mcl.reentry_guard_MCL_ EXCLUSIVE_AREA_09'.		138	23	Unset	Unreview ed	
41198	There exists no reachable operation on variable 'SchM_Mcl.msr_MCL_EXCLUSIV E_AREA_11'.		141	23	Unset	Unreview ed	
41206	There exists no reachable operation on variable 'SchM_Mcl.reentry_guard_MCL_ EXCLUSIVE_AREA_11'.		142	23	Unset	Unreview ed	
41241	There exists no reachable operation on variable 'SchM_Mcl.msr_MCL_EXCLUSIV E_AREA_12'.		143	23	Unset	Unreview ed	
41251	There exists no reachable operation on variable 'SchM_Mcl.reentry_guard_MCL_ EXCLUSIVE_AREA_12'.		144	23	Unset	Unreview ed	

**Table 6.21. D:\jessie\3\_NXP\S32DS\_S32K312EVBQ172\8\_I2C\_Master\_DMA\_FunctionTest\_RTD3.0.0\S32K312\_I2C\_Master\_MCAL\RTD\src\SchM\_Port.c**

ID	Detail	Protection	Line	Col	Severity	Status	Comment
41287	There exists no reachable operation on variable 'SchM_Port.msr_PORT_EXCLUSIVE_AREA_00'.		119	23	Unset	Unreviewed	
41291	There exists no reachable operation on variable 'SchM_Port.reentry_guard_PORT_EXCLUSIVE_AREA_00'.		120	23	Unset	Unreviewed	
41316	There exists no reachable operation on variable 'SchM_Port.msr_PORT_EXCLUSIVE_AREA_05'.		129	23	Unset	Unreviewed	
41333	There exists no reachable operation on variable 'SchM_Port.reentry_guard_PORT_EXCLUSIVE_AREA_05'.		130	23	Unset	Unreviewed	
41309	There exists no reachable operation on variable 'SchM_Port.msr_PORT_EXCLUSIVE_AREA_06'.		131	23	Unset	Unreviewed	
41285	There exists no reachable operation on variable 'SchM_Port.reentry_guard_PORT_EXCLUSIVE_AREA_06'.		132	23	Unset	Unreviewed	
41305	There exists no reachable operation on variable 'SchM_Port.msr_PORT_EXCLUSIVE_AREA_07'.		133	23	Unset	Unreviewed	
41326	There exists no reachable operation on variable 'SchM_Port.reentry_guard_PORT_EXCLUSIVE_AREA_07'.		134	23	Unset	Unreviewed	

**Table 6.22. D:\jessie\3\_NXP\S32DS\_S32K312EVBQ172\8\_I2C\_Master\_DMA\_FunctionTest\_RTD3.0.0\S32K312\_I2C\_Master\_MCAL\RTD\src\SchM\_Uart.c**

ID	Detail	Protection	Line	Col	Severity	Status	Comment
41362	There exists no reachable operation on variable 'SchM_Uart.msr_UART_EXCLUSIVE_AREA_00'.		119	23	Unset	Unreviewed	
41374	There exists no reachable operation on variable 'SchM_Uart.reentry_guard_UART_EXCLUSIVE_AREA_00'.		120	23	Unset	Unreviewed	
41360	There exists no reachable operation on variable 'SchM_Uart.msr_UART_EXCLUSIVE_AREA_01'.		121	23	Unset	Unreviewed	
41373	There exists no reachable operation on variable 'SchM_Uart.reentry_guard_UART_EXCLUSIVE_AREA_01'.		122	23	Unset	Unreviewed	
41361	There exists no reachable operation on variable 'SchM_Uart.msr_UART_EXCLUSIVE_AREA_02'.		123	23	Unset	Unreviewed	
41371	There exists no reachable operation on variable 'SchM_Uart.reentry_guard_UART_EXCLUSIVE_AREA_02'.		124	23	Unset	Unreviewed	
41376	There exists no reachable operation on variable 'SchM_Uart.msr_UART_EXCLUSIVE_AREA_03'.		125	23	Unset	Unreviewed	

ID	Detail	Protection	Line	Col	Severity	Status	Comment
41370	There exists no reachable operation on variable 'SchM_Uart.reentry_guard_UART_EXCLUSIVE_AREA_03'.		126	23	Unset	Unreviewed	
41375	There exists no reachable operation on variable 'SchM_Uart.msr_UART_EXCLUSIVE_AREA_04'.		127	23	Unset	Unreviewed	
41369	There exists no reachable operation on variable 'SchM_Uart.reentry_guard_UART_EXCLUSIVE_AREA_04'.		128	23	Unset	Unreviewed	
41372	There exists no reachable operation on variable 'SchM_Uart.msr_UART_EXCLUSIVE_AREA_05'.		129	23	Unset	Unreviewed	
41367	There exists no reachable operation on variable 'SchM_Uart.reentry_guard_UART_EXCLUSIVE_AREA_05'.		130	23	Unset	Unreviewed	

**Table 6.23.**

**D:\Jessie\3\_NXP\S32DS\_S32K312EVBQ172\8\_I2C\_Master\_DMA\_FunctionTest\_RTD3.0.0\S32K312\_I2C\_Master\_MCAL\RTD\src\Siul2\_Port\_Ip.c**

ID	Detail	Protection	Line	Col	Severity	Status	Comment
41379	There exists no reachable operation on variable 'Siul2_Port_Ip.Port_au32Siul2BaseAddr'.		167	13	Unset	Unreviewed	

**Table 6.24.**

**D:\Jessie\3\_NXP\S32DS\_S32K312EVBQ172\8\_I2C\_Master\_DMA\_FunctionTest\_RTD3.0.0\S32K312\_I2C\_Master\_MCAL\generate\src\CDD\_I2c\_Cfg.c**

ID	Detail	Protection	Line	Col	Severity	Status	Comment
38967	There exists no reachable operation on variable 'CDD_I2c_Cfg.I2c_DemConfig'.		113	24	Unset	Unreviewed	

**Table 6.25.**

**D:\Jessie\3\_NXP\S32DS\_S32K312EVBQ172\8\_I2C\_Master\_DMA\_FunctionTest\_RTD3.0.0\S32K312\_I2C\_Master\_MCAL\generate\src\CDD\_I2c\_PBCfg.c**

ID	Detail	Protection	Line	Col	Severity	Status	Comment
38972	There exists no reachable operation on variable 'CDD_I2c_PBCfg.I2c_ChannelConfigPB'.		127	34	Unset	Unreviewed	
38969	There exists no reachable operation on variable 'CDD_I2c_PBCfg.I2c_PBCfgVariantPredefined_spurious_core'.		157	28	Unset	Unreviewed	
38968	There exists no reachable operation on variable 'CDD_I2c_PBCfg.I2c_PBCfgVariantPredefined'.		177	29	Unset	Unreviewed	



**Table 6.26.****D:\Jessie\3\_NXP\S32DS\_S32K312EVBQ172\8\_I2C\_Master\_DMA\_FunctionTest\_RTD3.0.0\S32K312\_I2C\_Master\_MCAL\generate\src\CDD\_Mcl\_PBcfg.c**

ID	Detail	Protection	Line	Col	Severity	Status	Comment
38985	There exists no reachable operation on variable 'CDD_Mcl_PBcfg.Mcl_Config'.		105	21	Unset	Unreviewed	

**Table 6.27.****D:\Jessie\3\_NXP\S32DS\_S32K312EVBQ172\8\_I2C\_Master\_DMA\_FunctionTest\_RTD3.0.0\S32K312\_I2C\_Master\_MCAL\generate\src\CDD\_Rm\_Ipw\_PBcfg.c**

ID	Detail	Protection	Line	Col	Severity	Status	Comment
38989	There exists no reachable operation on variable 'CDD_Rm_Ipw_PBcfg.Rm_Ipw_Config'.		100	24	Unset	Unreviewed	

**Table 6.28.****D:\Jessie\3\_NXP\S32DS\_S32K312EVBQ172\8\_I2C\_Master\_DMA\_FunctionTest\_RTD3.0.0\S32K312\_I2C\_Master\_MCAL\generate\src\CDD\_Rm\_PBcfg.c**

ID	Detail	Protection	Line	Col	Severity	Status	Comment
38990	There exists no reachable operation on variable 'CDD_Rm_PBcfg.Rm_Config'.		100	20	Unset	Unreviewed	

**Table 6.29.****D:\Jessie\3\_NXP\S32DS\_S32K312EVBQ172\8\_I2C\_Master\_DMA\_FunctionTest\_RTD3.0.0\S32K312\_I2C\_Master\_MCAL\generate\src\CDD\_Uart\_PBcfg.c**

ID	Detail	Protection	Line	Col	Severity	Status	Comment
39140	There exists no reachable operation on variable 'CDD_Uart_PBcfg.Uart_ChannelConfig_0'.		165	29	Unset	Unreviewed	
39138	There exists no reachable operation on variable 'CDD_Uart_PBcfg.Uart_xConfig'.		179	29	Unset	Unreviewed	
39139	There exists no reachable operation on variable 'CDD_Uart_PBcfg.Uart_pxPBcfgVariantPredefined'.		193	29	Unset	Unreviewed	

**Table 6.30.****D:\Jessie\3\_NXP\S32DS\_S32K312EVBQ172\8\_I2C\_Master\_DMA\_FunctionTest\_RTD3.0.0\S32K312\_I2C\_Master\_MCAL\generate\src\Dma\_Ip\_Cfg.c**

ID	Detail	Protection	Line	Col	Severity	Status	Comment
40284	There exists no reachable operation on variable 'Dma_Ip_Cfg.Dma_Ip_xLogicInstanceResetConfig'.		118	37	Unset	Unreviewed	

ID	Detail	Protection	Line	Col	Severity	Status	Comment
40283	There exists no reachable operation on variable 'Dma_Ip_Cfg.GlobalResetConfig'.		140	30	Unset	Unreviewed	
40263	There exists no reachable operation on variable 'Dma_Ip_Cfg.TransferResetConfig'.		163	32	Unset	Unreviewed	
40260	There exists no reachable operation on variable 'Dma_Ip_Cfg.Dma_Ip_xLogicChannelResetConfig'.		205	36	Unset	Unreviewed	

**Table 6.31.**

**D:\Jessie\3\_NXP\S32DS\_S32K312EVbQ172\8\_I2C\_Master\_DMA\_FunctionTest\_RTd3.0.0\S32K312\_I2C\_Master\_MCAL\generate\src\Dma\_Ip\_PBcfg.c**

ID	Detail	Protection	Line	Col	Severity	Status	Comment
40321	There exists no reachable operation on variable 'Dma_Ip_PBcfg.Dma_Ip_paxLogicInstanceConfigArrayPB_BOARD_INITPERIPHERALS'.		132	45	Unset	Unreviewed	
40322	There exists no reachable operation on variable 'Dma_Ip_PBcfg.LogicChannel0GlobalConfigPB_BOARD_INITPERIPHERALS'.		149	30	Unset	Unreviewed	
40340	There exists no reachable operation on variable 'Dma_Ip_PBcfg.LogicChannel1GlobalConfigPB_BOARD_INITPERIPHERALS'.		171	30	Unset	Unreviewed	
40329	There exists no reachable operation on variable 'Dma_Ip_PBcfg.LogicChannel0ConfigPB_BOARD_INITPERIPHERALS'.		221	36	Unset	Unreviewed	
40323	There exists no reachable operation on variable 'Dma_Ip_PBcfg.LogicChannel1ConfigPB_BOARD_INITPERIPHERALS'.		238	36	Unset	Unreviewed	
40331	There exists no reachable operation on variable 'Dma_Ip_PBcfg.Dma_Ip_paxLogicChannelConfigArrayPB_BOARD_INITPERIPHERALS'.		253	44	Unset	Unreviewed	

**Table 6.32.**

**D:\Jessie\3\_NXP\S32DS\_S32K312EVbQ172\8\_I2C\_Master\_DMA\_FunctionTest\_RTd3.0.0\S32K312\_I2C\_Master\_MCAL\generate\src\Dma\_Mux\_Ip\_PBcfg.c**

ID	Detail	Protection	Line	Col	Severity	Status	Comment
40344	There exists no reachable operation on variable 'Dma_Mux_Ip_PBcfg.Dma_Mux_Channel_Config'.		101	42	Unset	Unreviewed	
40342	There exists no reachable operation on variable 'Dma_Mux_Ip_PBcfg.Dma_Mux_Config'.		114	28	Unset	Unreviewed	

**Table 6.33.****D:\Jessie\3\_NXP\S32DS\_S32K312EVBQ172\8\_I2C\_Master\_DMA\_FunctionTest\_RTD3.0.0\S32K312\_I2C\_Master\_MCAL\generate\src\Gpt\_PBcfg.c**

ID	Detail	Protection	Line	Col	Severity	Status	Comment
40800	There exists no reachable operation on variable 'Gpt_PBcfg.u8GptChannelIdToIndexMap'.		134	19	Unset	Unreviewed	
40801	There exists no reachable operation on variable 'Gpt_PBcfg.Gpt_InitChannelPB'.		147	35	Unset	Unreviewed	
40795	There exists no reachable operation on variable 'Gpt_PBcfg.Gpt_Config'.		161	21	Unset	Unreviewed	

**Table 6.34.****D:\Jessie\3\_NXP\S32DS\_S32K312EVBQ172\8\_I2C\_Master\_DMA\_FunctionTest\_RTD3.0.0\S32K312\_I2C\_Master\_MCAL\generate\src\I2c\_Ipw\_PBcfg.c**

ID	Detail	Protection	Line	Col	Severity	Status	Comment
40806	There exists no reachable operation on variable 'I2c_Ipw_PBcfg.I2c_Ipw_ChannelConfig0'.		126	36	Unset	Unreviewed	

**Table 6.35.****D:\Jessie\3\_NXP\S32DS\_S32K312EVBQ172\8\_I2C\_Master\_DMA\_FunctionTest\_RTD3.0.0\S32K312\_I2C\_Master\_MCAL\generate\src\Lpi2c\_Ip\_PBcfg.c**

ID	Detail	Protection	Line	Col	Severity	Status	Comment
40934	There exists no reachable operation on variable 'Lpi2c_Ip_PBcfg.baudrateParams0'.		122	35	Unset	Unreviewed	
40935	There exists no reachable operation on variable 'Lpi2c_Ip_PBcfg.I2c_Lpi2cMasterChannel0'.		135	32	Unset	Unreviewed	

**Table 6.36.****D:\Jessie\3\_NXP\S32DS\_S32K312EVBQ172\8\_I2C\_Master\_DMA\_FunctionTest\_RTD3.0.0\S32K312\_I2C\_Master\_MCAL\generate\src\Lpuart\_Uart\_Ip\_PBcfg.c**

ID	Detail	Protection	Line	Col	Severity	Status	Comment
40969	There exists no reachable operation on variable 'Lpuart_Uart_Ip_PBcfg.Lpuart_Uart_Ip_xHwConfigPB_0'.		145	36	Unset	Unreviewed	

**Table 6.37.****D:\Jessie\3\_NXP\S32DS\_S32K312EVBQ172\8\_I2C\_Master\_DMA\_FunctionTest\_RTD3.0.0\S32K312\_I2C\_Master\_MCAL\generate\src\Pit\_Ip\_PBcfg.c**

ID	Detail	Protection	Line	Col	Severity	Status	Comment
40989	There exists no reachable operation on variable 'Pit_Ip_PBcfg.PIT_0_InitConfig_PB'.		111	32	Unset	Unreviewed	
40985	There exists no reachable operation on variable 'Pit_Ip_PBcfg.PIT_0_ChannelConfig_PB'.		124	31	Unset	Unreviewed	

**Table 6.38.****D:\Jessie\3\_NXP\S32DS\_S32K312EVBQ172\8\_I2C\_Master\_DMA\_FunctionTest\_RTD3.0.0\S32K312\_I2C\_Master\_MCAL\generate\src\Port\_Cfg.c**

ID	Detail	Protection	Line	Col	Severity	Status	Comment
41006	There exists no reachable operation on variable 'Port_Cfg.Port_SIUL2_0_au16InMuxSettingsIndex'.		103	20	Unset	Unreviewed	
41000	There exists no reachable operation on variable 'Port_Cfg.Port_SIUL2_0_au16PinModeAvailability'.		426	47	Unset	Unreviewed	
41003	There exists no reachable operation on variable 'Port_Cfg.Port_SIUL2_0_aInMuxSettings'.		5208	35	Unset	Unreviewed	
40997	There exists no reachable operation on variable 'Port_Cfg.Port_SIUL2_0_aInoutMuxSettings'.		6614	35	Unset	Unreviewed	
41005	There exists no reachable operation on variable 'Port_Cfg.Port_au16NumInoutMuxSettings'.		7635	13	Unset	Unreviewed	
41002	There exists no reachable operation on variable 'Port_Cfg.Port_apSiul2InstancePinModeAvailability'.		7649	48	Unset	Unreviewed	
41004	There exists no reachable operation on variable 'Port_Cfg.Port_apInMuxSettings'.		7657	36	Unset	Unreviewed	
40999	There exists no reachable operation on variable 'Port_Cfg.Port_apInMuxSettingsIndex'.		7671	20	Unset	Unreviewed	
41001	There exists no reachable operation on variable 'Port_Cfg.Port_apInoutMuxSettings'.		7685	36	Unset	Unreviewed	

**Table 6.39.****D:\Jessie\3\_NXP\S32DS\_S32K312EVBQ172\8\_I2C\_Master\_DMA\_FunctionTest\_RTD3.0.0\S32K312\_I2C\_Master\_MCAL\generate\src\Port\_PBcfg.c**

ID	Detail	Protection	Line	Col	Severity	Status	Comment
41010	There exists no reachable operation on variable 'Port_PBcfg.au8Port_PartitionList'.		93	12	Unset	Unreviewed	

ID	Detail	Protection	Line	Col	Severity	Status	Comment
41014	There exists no reachable operation on variable 'Port_PBCfg.au32Port_PinToPartitionMap'.		106	20	Unset	Unreviewed	
41012	There exists no reachable operation on variable 'Port_PBCfg.Port_aUnusedPads'.		125	38	Unset	Unreviewed	
41008	There exists no reachable operation on variable 'Port_PBCfg.Port_UnusedPinConfig'.		278	44	Unset	Unreviewed	
41009	There exists no reachable operation on variable 'Port_PBCfg.Port_aUsedPinConfigs'.		289	38	Unset	Unreviewed	
41011	There exists no reachable operation on variable 'Port_PBCfg.Port_aSIUL2_0_ImcrInitConfig'.		305	39	Unset	Unreviewed	
41013	There exists no reachable operation on variable 'Port_PBCfg.Port_Config'.		702	22	Unset	Unreviewed	

**Table 6.40.**

**D:\Jessie\3\_NXP\S32DS\_S32K312EVBQ172\8\_I2C\_Master\_DMA\_FunctionTest\_RTD3.0.0\S32K312\_I2C\_Master\_MCAL\generate\src\Power\_Ip\_PBcfg.c**

ID	Detail	Protection	Line	Col	Severity	Status	Comment
41059	There exists no reachable operation on variable 'Power_Ip_PBcfg.Power_Ip_MC_ME_aPartition0CoreConfigPB_0'.		143	43	Unset	Unreviewed	
41031	There exists no reachable operation on variable 'Power_Ip_PBcfg.Power_Ip_MC_ME_aPartition0CofbConfigPB_0'.		167	43	Unset	Unreviewed	
41048	There exists no reachable operation on variable 'Power_Ip_PBcfg.Power_Ip_MC_ME_aPartition1CofbConfigPB_0'.		189	43	Unset	Unreviewed	
41036	There exists no reachable operation on variable 'Power_Ip_PBcfg.Power_Ip_MC_ME_aPartitionConfigPB_0'.		267	48	Unset	Unreviewed	
41052	There exists no reachable operation on variable 'Power_Ip_PBcfg.Power_Ip_MC_ME_ModeConfigPB_0'.		337	43	Unset	Unreviewed	
41026	There exists no reachable operation on variable 'Power_Ip_PBcfg.Power_Ip_DCM_GPR_ConfigPB_0'.		358	41	Unset	Unreviewed	

**Table 6.41.**

**D:\Jessie\3\_NXP\S32DS\_S32K312EVBQ172\8\_I2C\_Master\_DMA\_FunctionTest\_RTD3.0.0\S32K312\_I2C\_Master\_MCAL\generate\src\Siul2\_Port\_Ip\_PBcfg.c**

ID	Detail	Protection	Line	Col	Severity	Status	Comment
41447	There exists no reachable operation on variable 'Siul2_Port_Ip_PBcfg.g_pin_mux_InitConfigArr'.		106	38	Unset	Unreviewed	

**Table 6.42.**

D:\Jessie\3\_NXP\S32DS\_S32K312EVBQ172\8\_I2C\_Master\_DMA\_FunctionTest\_RTD3.0.0\S32K312\_I2C\_Master\_MCAL\generate\src\Tspc\_Port\_Ip\_PBcfg.c

ID	Detail	Protection	Line	Col	Severity	Status	Comment
41448	There exists no reachable operation on variable 'Tspc_Port_Ip_PBcfg.aTspc_InitConfigArr'.		104	34	Unset	Unreviewed	

**Table 6.43.**

D:\Jessie\3\_NXP\S32DS\_S32K312EVBQ172\8\_I2C\_Master\_DMA\_FunctionTest\_RTD3.0.0\S32K312\_I2C\_Master\_MCAL\generate\src\Uart\_Ipw\_PBcfg.c

ID	Detail	Protection	Line	Col	Severity	Status	Comment
41451	There exists no reachable operation on variable 'Uart_Ipw_PBcfg.Uart_Ipw_IpChnConfigPB_0'.		166	28	Unset	Unreviewed	
41450	There exists no reachable operation on variable 'Uart_Ipw_PBcfg.Uart_Ipw_xHwConfigPB_0'.		178	28	Unset	Unreviewed	

## Used non-shared variable

**Table 6.44. ?extern**

ID	Detail	Protection	Line	Col	Severity	Status	Comment
38690	Operations on variable '?extern.__INIT_TABLE' do not interfere with each other.		0	0	Unset	Unreviewed	
38691	Operations on variable '?extern.__ZERO_TABLE' do not interfere with each other.		0	0	Unset	Unreviewed	
38692	Operations on variable '?extern.__INDEX_COPY_CORE2' do not interfere with each other.		0	0	Unset	Unreviewed	

**Table 6.45.**

D:\Jessie\3\_NXP\S32DS\_S32K312EVBQ172\8\_I2C\_Master\_DMA\_FunctionTest\_RTD3.0.0\S32K312\_I2C\_Master\_MCAL\RTD\include\Dma\_Ip\_Hw\_Access.h

ID	Detail	Protection	Line	Col	Severity	Status	Comment
41453	Operations on variable 'Dma_Ip_Hw_Access.g_ptHwChTcdPtrArray_2' do not interfere with each other.		144	52	Unset	Unreviewed	
41454	Operations on variable 'Dma_Ip_Hw_Access.g_ptHwChTcdPtrArray_1' do not interfere with each other.		144	52	Unset	Unreviewed	

**Table 6.46. D:\Jessie\3\_NXP\S32DS\_S32K312EVBQ172\8\_I2C\_Master\_DMA\_FunctionTest\_RTD3.0.0\S32K312\_I2C\_Master\_MCAL\RTD\src\CDD\_I2c.c**

ID	Detail	Protection	Line	Col	Severity	Status	Comment
38697	Operations on variable 'CDD_I2c.I2c_au8DriverStatus' do not interfere with each other.		159	13	Unset	Unreviewed	
38694	Operations on variable 'CDD_I2c.I2c_aeChannelStatus' do not interfere with each other.		198	24	Unset	Unreviewed	
38693	Operations on variable 'CDD_I2c.I2c_apConfig' do not interfere with each other.		213	23	Unset	Unreviewed	
38698	Operations on variable 'CDD_I2c.I2c_apDemCfg' do not interfere with each other.		220	26	Unset	Unreviewed	
38695	Operations on variable 'CDD_I2c.I2c_as8ChannelHardwareMap' do not interfere with each other.		236	6	Unset	Unreviewed	

**Table 6.47. D:\Jessie\3\_NXP\S32DS\_S32K312EVBQ172\8\_I2C\_Master\_DMA\_FunctionTest\_RTD3.0.0\S32K312\_I2C\_Master\_MCAL\RTD\src\CDD\_Mcl.c**

ID	Detail	Protection	Line	Col	Severity	Status	Comment
38973	Operations on variable 'CDD_Mcl.Mcl_pxConfig' do not interfere with each other.		152	30	Unset	Unreviewed	

**Table 6.48. D:\Jessie\3\_NXP\S32DS\_S32K312EVBQ172\8\_I2C\_Master\_DMA\_FunctionTest\_RTD3.0.0\S32K312\_I2C\_Master\_MCAL\RTD\src\CDD\_Rm.c**

ID	Detail	Protection	Line	Col	Severity	Status	Comment
38986	Operations on variable 'CDD_Rm.Rm_pConfig' do not interfere with each other.		145	29	Unset	Unreviewed	

**Table 6.49. D:\Jessie\3\_NXP\S32DS\_S32K312EVBQ172\8\_I2C\_Master\_DMA\_FunctionTest\_RTD3.0.0\S32K312\_I2C\_Master\_MCAL\RTD\src\CDD\_Uart.c**

ID	Detail	Protection	Line	Col	Severity	Status	Comment
38993	Operations on variable 'CDD_Uart.Uart_au8DriverStatus' do not interfere with each other.		112	26	Unset	Unreviewed	

**Table 6.50. D:\Jessie\3\_NXP\S32DS\_S32K312EVBQ172\8\_I2C\_Master\_DMA\_FunctionTest\_RTD3.0.0\S32K312\_I2C\_Master\_MCAL\RTD\src\Clock\_Ip.c**

ID	Detail	Protection	Line	Col	Severity	Status	Comment
39143	Operations on variable 'Clock_Ip.DriverContext' do not interfere with each other.		143	34	Unset	Unreviewed	
39149	Operations on variable 'Clock_Ip.Clock_Ip_pxConfig' do not interfere with each other.		160	32	Unset	Unreviewed	

ID	Detail	Protection	Line	Col	Severity	Status	Comment
39150	Operations on variable 'Clock_Ip.Clock_Ip_FreqIds' do not interfere with each other.		180	6	Unset	Unreviewed	
39151	Operations on variable 'Clock_Ip.Clock_Ip_pfkNotificationsCallback' do not interfere with each other.		219	42	Unset	Unreviewed	

**Table 6.51.**

**D:\Jessie\3\_NXP\S32DS\_S32K312EVQBQ172\8\_I2C\_Master\_DMA\_FunctionTest\_RTD3.0.0\S32K312\_I2C\_Master\_MCAL\RTD\src\Clock\_Ip\_Data.c**

ID	Detail	Protection	Line	Col	Severity	Status	Comment
39578	Operations on variable 'Clock_Ip_Data.Clock_Ip_au8IrcoscCallbackIndex' do not interfere with each other.		929	12	Unset	Unreviewed	
39549	Operations on variable 'Clock_Ip_Data.Clock_Ip_au8GateCallbackIndex' do not interfere with each other.		944	12	Unset	Unreviewed	
39574	Operations on variable 'Clock_Ip_Data.Clock_Ip_au8SelectorCallbackIndex' do not interfere with each other.		981	12	Unset	Unreviewed	
39553	Operations on variable 'Clock_Ip_Data.Clock_Ip_au8CmuCallbackIndex' do not interfere with each other.		1003	12	Unset	Unreviewed	
39576	Operations on variable 'Clock_Ip_Data.Clock_Ip_au8ClockFeatures' do not interfere with each other.		1019	12	Unset	Unreviewed	
39565	Operations on variable 'Clock_Ip_Data.Clock_Ip_au8SoftwareMuxResetValue' do not interfere with each other.		1746	12	Unset	Unreviewed	
39577	Operations on variable 'Clock_Ip_Data.Clock_Ip_au16SelectorEntryHardwareValue' do not interfere with each other.		2465	13	Unset	Unreviewed	
39564	Operations on variable 'Clock_Ip_Data.Clock_Ip_au16SelectorEntryRtcHardwareValue' do not interfere with each other.		2532	13	Unset	Unreviewed	
39566	Operations on variable 'Clock_Ip_Data.Clock_Ip_apxCgm' do not interfere with each other.		3329	27	Unset	Unreviewed	
39544	Operations on variable 'Clock_Ip_Data.Clock_Ip_apxCgmPcfs' do not interfere with each other.		3410	37	Unset	Unreviewed	
39552	Operations on variable 'Clock_Ip_Data.Clock_Ip_apxXosc' do not interfere with each other.		3415	27	Unset	Unreviewed	
39554	Operations on variable 'Clock_Ip_Data.Clock_Ip_apxPll' do not interfere with each other.		3425	23	Unset	Unreviewed	
39543	Operations on variable 'Clock_Ip_Data.Clock_Ip_apxCmu' do not interfere with each other.		3443	33	Unset	Unreviewed	
39571	Operations on variable 'Clock_Ip_Data.Clock_Ip_aeCmuNames' do not interfere with each other.		3458	24	Unset	Unreviewed	



ID	Detail	Protection	Line	Col	Severity	Status	Comment
39579	Operations on variable 'Clock_Ip_Data.Clock_Ip_axCmuInfo' do not interfere with each other.		3473	27	Unset	Unreviewed	
39567	Operations on variable 'Clock_Ip_Data.Clock_Ip_apxMcMeSetPartitions' do not interfere with each other.		3536	46	Unset	Unreviewed	
39550	Operations on variable 'Clock_Ip_Data.Clock_Ip_apxMcMeTriggerPartitions' do not interfere with each other.		3571	50	Unset	Unreviewed	
39569	Operations on variable 'Clock_Ip_Data.Clock_Ip_aeSourceTypeClockName' do not interfere with each other.		3588	35	Unset	Unreviewed	
39559	Operations on variable 'Clock_Ip_Data.Clock_Ip_axFeatureExtensions' do not interfere with each other.		3667	34	Unset	Unreviewed	
39546	Operations on variable 'Clock_Ip_Data.Clock_Ip_axGateInfo' do not interfere with each other.		3801	28	Unset	Unreviewed	

**Table 6.52.**

**D:\Jessie\3\_NXP\S32DS\_S32K312EVBQ172\8\_I2C\_Master\_DMA\_FunctionTest\_RT3.0.0\S32K312\_I2C\_Master\_MCAL\RTD\src\Clock\_Ip\_Gate.c**

ID	Detail	Protection	Line	Col	Severity	Status	Comment
39622	Operations on variable 'Clock_Ip_Gate.Clock_Ip_axGateCallbacks' do not interfere with each other.		281	32	Unset	Unreviewed	

**Table 6.53.**

**D:\Jessie\3\_NXP\S32DS\_S32K312EVBQ172\8\_I2C\_Master\_DMA\_FunctionTest\_RT3.0.0\S32K312\_I2C\_Master\_MCAL\RTD\src\Clock\_Ip\_IntOsc.c**

ID	Detail	Protection	Line	Col	Severity	Status	Comment
39667	Operations on variable 'Clock_Ip_IntOsc.Clock_Ip_axIntOscCallbacks' do not interfere with each other.		319	34	Unset	Unreviewed	

**Table 6.54.**

**D:\Jessie\3\_NXP\S32DS\_S32K312EVBQ172\8\_I2C\_Master\_DMA\_FunctionTest\_RT3.0.0\S32K312\_I2C\_Master\_MCAL\RTD\src\Clock\_Ip\_Monitor.c**

ID	Detail	Protection	Line	Col	Severity	Status	Comment
39685	Operations on variable 'Clock_Ip_Monitor.HashCmu' do not interfere with each other.		146	14	Unset	Unreviewed	
39686	Operations on variable 'Clock_Ip_Monitor.Clock_Ip_axCmuCallbacks' do not interfere with each other.		540	40	Unset	Unreviewed	

**Table 6.55.**

**D:\Jessie\3\_NXP\S32DS\_S32K312EVBQ172\8\_I2C\_Master\_DMA\_FunctionTest\_RTD3.0.0\S32K312\_I2C\_Master\_MCAL\RTD\src\Clock\_Ip\_ProgFreqSwitch.c**

ID	Detail	Protection	Line	Col	Severity	Status	Comment
39725	Operations on variable 'Clock_Ip_ProgFreqSwitch.HashPfs' do not interfere with each other.		130	14	Unset	Unreviewed	

**Table 6.56.**

**D:\Jessie\3\_NXP\S32DS\_S32K312EVBQ172\8\_I2C\_Master\_DMA\_FunctionTest\_RTD3.0.0\S32K312\_I2C\_Master\_MCAL\RTD\src\Clock\_Ip\_Selector.c**

ID	Detail	Protection	Line	Col	Severity	Status	Comment
39792	Operations on variable 'Clock_Ip_Selector.Clock_Ip_axSelectorCallbacks' do not interfere with each other.		620	36	Unset	Unreviewed	

**Table 6.57.**

**D:\Jessie\3\_NXP\S32DS\_S32K312EVBQ172\8\_I2C\_Master\_DMA\_FunctionTest\_RTD3.0.0\S32K312\_I2C\_Master\_MCAL\RTD\src\Clock\_Ip\_Specific.c**

ID	Detail	Protection	Line	Col	Severity	Status	Comment
40003	Operations on variable 'Clock_Ip_Specific.Clock_Ip_pxSircStdbyClock' do not interfere with each other.		150	42	Unset	Unreviewed	
40004	Operations on variable 'Clock_Ip_Specific.Clock_Ip_pxFircStdbyClock' do not interfere with each other.		151	42	Unset	Unreviewed	
40001	Operations on variable 'Clock_Ip_Specific.Clock_Ip_bObjectsAreInitialized' do not interfere with each other.		174	15	Unset	Unreviewed	

**Table 6.58. D:\Jessie\3\_NXP\S32DS\_S32K312EVBQ172\8\_I2C\_Master\_DMA\_FunctionTest\_RTD3.0.0\S32K312\_I2C\_Master\_MCAL\RTD\src\Dem.c**

ID	Detail	Protection	Line	Col	Severity	Status	Comment
40096	Operations on variable 'Dem.Dem_EventId' do not interfere with each other.		127	16	Unset	Unreviewed	
40097	Operations on variable 'Dem.Dem_EventStatus' do not interfere with each other.		128	20	Unset	Unreviewed	
40094	Operations on variable 'Dem.Dem_OverflowEvent' do not interfere with each other.		142	20	Unset	Unreviewed	
40095	Operations on variable 'Dem.Dem_au8ExtendedData' do not interfere with each other.		144	6	Unset	Unreviewed	
40098	Operations on variable 'Dem.Dem_numEventErrors' do not interfere with each other.		158	20	Unset	Unreviewed	

**Table 6.59. D:\Jessie\3\_NXP\S32DS\_S32K312EVBQ172\8\_I2C\_Master\_DMA\_FunctionTest\_RTD3.0.0\S32K312\_I2C\_Master\_MCAL\RTD\src\Det.c**

ID	Detail	Protection	Line	Col	Severity	Status	Comment
40104	Operations on variable 'Det.Det_InstanceId' do not interfere with each other.		131	6	Unset	Unreviewed	
40099	Operations on variable 'Det.Det_ApiId' do not interfere with each other.		132	6	Unset	Unreviewed	
40107	Operations on variable 'Det.Det_ErrorId' do not interfere with each other.		133	6	Unset	Unreviewed	
40103	Operations on variable 'Det.Det_RuntimeInstanceId' do not interfere with each other.		135	6	Unset	Unreviewed	
40106	Operations on variable 'Det.Det_RuntimeApiId' do not interfere with each other.		136	6	Unset	Unreviewed	
40101	Operations on variable 'Det.Det_RuntimeErrorId' do not interfere with each other.		137	6	Unset	Unreviewed	
40105	Operations on variable 'Det.Det_TransientInstanceId' do not interfere with each other.		139	6	Unset	Unreviewed	
40110	Operations on variable 'Det.Det_TransientApiId' do not interfere with each other.		140	6	Unset	Unreviewed	
40100	Operations on variable 'Det.Det_TransientFaultId' do not interfere with each other.		141	6	Unset	Unreviewed	
40108	Operations on variable 'Det.Det_TransientModuleId' do not interfere with each other.		155	7	Unset	Unreviewed	
40102	Operations on variable 'Det.Det_ModuleId' do not interfere with each other.		156	7	Unset	Unreviewed	
40109	Operations on variable 'Det.Det_RuntimeModuleId' do not interfere with each other.		157	7	Unset	Unreviewed	

**Table 6.60. D:\Jessie\3\_NXP\S32DS\_S32K312EVBQ172\8\_I2C\_Master\_DMA\_FunctionTest\_RTD3.0.0\S32K312\_I2C\_Master\_MCAL\RTD\src\Dma\_Ip.c**

ID	Detail	Protection	Line	Col	Severity	Status	Comment
40111	Operations on variable 'Dma_Ip.Dma_Ip_pxInit' do not interfere with each other.		219	31	Unset	Unreviewed	

**Table 6.61.****D:\Jessie\3\_NXP\S32DS\_S32K312EVBQ172\8\_I2C\_Master\_DMA\_FunctionTest\_RTD3.0.0\S32K312\_I2C\_Master\_MCAL\RTD\src\Dma\_Ip\_Driver\_State.c**

ID	Detail	Protection	Line	Col	Severity	Status	Comment
40291	Operations on variable 'Dma_Ip_Driver_State.Dma_Ip_xHwState' do not interfere with each other.		112	26	Unset	Unreviewed	

**Table 6.62.****D:\Jessie\3\_NXP\S32DS\_S32K312EVBQ172\8\_I2C\_Master\_DMA\_FunctionTest\_RTD3.0.0\S32K312\_I2C\_Master\_MCAL\RTD\src\Dma\_Ip\_Hw\_Access.c**

ID	Detail	Protection	Line	Col	Severity	Status	Comment
40298	Operations on variable 'Dma_Ip_Hw_Access.Dma_Ip_paxHwv3BaseInst' do not interfere with each other.		153	39	Unset	Unreviewed	

**Table 6.63.****D:\Jessie\3\_NXP\S32DS\_S32K312EVBQ172\8\_I2C\_Master\_DMA\_FunctionTest\_RTD3.0.0\S32K312\_I2C\_Master\_MCAL\RTD\src\Emios\_Mcl\_Ip.c**

ID	Detail	Protection	Line	Col	Severity	Status	Comment
40353	Operations on variable 'Emios_Mcl_Ip.Emios_Ip_paxBase' do not interfere with each other.		97	12	Unset	Unreviewed	
40348	Operations on variable 'Emios_Mcl_Ip.Emios_Ip_axIpIsInitialized' do not interfere with each other.		120	34	Unset	Unreviewed	
40350	Operations on variable 'Emios_Mcl_Ip.Emios_Ip_axChState' do not interfere with each other.		131	28	Unset	Unreviewed	
40347	Operations on variable 'Emios_Mcl_Ip.Emios_Ip_ChPeriodMasterBus' do not interfere with each other.		150	14	Unset	Unreviewed	

**Table 6.64.****D:\Jessie\3\_NXP\S32DS\_S32K312EVBQ172\8\_I2C\_Master\_DMA\_FunctionTest\_RTD3.0.0\S32K312\_I2C\_Master\_MCAL\RTD\src\Flexio\_Mcl\_Ip.c**

ID	Detail	Protection	Line	Col	Severity	Status	Comment
40588	Operations on variable 'Flexio_Mcl_Ip.Flexio_Ip_paxBase' do not interfere with each other.		112	20	Unset	Unreviewed	
40589	Operations on variable 'Flexio_Mcl_Ip.Flexio_Ip_balpIsInitialized' do not interfere with each other.		122	8	Unset	Unreviewed	

**Table 6.65. D:\Jessie\3\_NXP\S32DS\_S32K312EVQB172\8\_I2C\_Master\_DMA\_FunctionTest\_RTD3.0.0\S32K312\_I2C\_Master\_MCAL\RTD\src\Gpt.c**

ID	Detail	Protection	Line	Col	Severity	Status	Comment
40594	Operations on variable 'Gpt.Gpt_pConfig' do not interfere with each other.		201	29	Unset	Unreviewed	
40598	Operations on variable 'Gpt.returnHwChannelInfo' do not interfere with each other.		1739	33	Unset	Unreviewed	

**Table 6.66. D:\Jessie\3\_NXP\S32DS\_S32K312EVQB172\8\_I2C\_Master\_DMA\_FunctionTest\_RTD3.0.0\S32K312\_I2C\_Master\_MCAL\RTD\src\Lpi2c\_Ip.c**

ID	Detail	Protection	Line	Col	Severity	Status	Comment
40808	Operations on variable 'Lpi2c_Ip.Lpi2c_Ip_pxBase' do not interfere with each other.		166	26	Unset	Unreviewed	
40809	Operations on variable 'Lpi2c_Ip.Lpi2c_Ip_MasterState' do not interfere with each other.		176	32	Unset	Unreviewed	
40807	Operations on variable 'Lpi2c_Ip.Lpi2c_Ip_pxMasterState' do not interfere with each other.		199	33	Unset	Unreviewed	
40810	Operations on variable 'Lpi2c_Ip.Lpi2c_Ip_pxSlaveState' do not interfere with each other.		200	32	Unset	Unreviewed	

**Table 6.67.****D:\Jessie\3\_NXP\S32DS\_S32K312EVQB172\8\_I2C\_Master\_DMA\_FunctionTest\_RTD3.0.0\S32K312\_I2C\_Master\_MCAL\RTD\src\Lpuart\_Uart\_Ip.c**

ID	Detail	Protection	Line	Col	Severity	Status	Comment
40953	Operations on variable 'Lpuart_Uart_Ip.Lpuart_Uart_Ip_apStateStructure' do not interfere with each other.		154	34	Unset	Unreviewed	
40950	Operations on variable 'Lpuart_Uart_Ip.Lpuart_Uart_Ip_apUserConfig' do not interfere with each other.		157	38	Unset	Unreviewed	
40951	Operations on variable 'Lpuart_Uart_Ip.Lpuart_Uart_Ip_apStateStructuresArray' do not interfere with each other.		160	43	Unset	Unreviewed	
40952	Operations on variable 'Lpuart_Uart_Ip.Lpuart_Uart_Ip_apBases' do not interfere with each other.		169	27	Unset	Unreviewed	

**Table 6.68. D:\Jessie\3\_NXP\S32DS\_S32K312EVQB172\8\_I2C\_Master\_DMA\_FunctionTest\_RTD3.0.0\S32K312\_I2C\_Master\_MCAL\RTD\src\Mcu.c**

ID	Detail	Protection	Line	Col	Severity	Status	Comment
40972	Operations on variable 'Mcu.Mcu_au8ClockConfigIds' do not interfere with each other.		179	13	Unset	Unreviewed	

ID	Detail	Protection	Line	Col	Severity	Status	Comment
40971	Operations on variable 'Mcu.Mcu_au8ModeConfigIds' do not interfere with each other.		185	13	Unset	Unreviewed	
40970	Operations on variable 'Mcu.Mcu_pConfigPtr' do not interfere with each other.		227	30	Unset	Unreviewed	

**Table 6.69. D:\Jessie\3\_NXP\S32DS\_S32K312EVBQ172\8\_I2C\_Master\_DMA\_FunctionTest\_RTD3.0.0\S32K312\_I2C\_Master\_MCAL\RTD\src\Pit\_Ip.c**

ID	Detail	Protection	Line	Col	Severity	Status	Comment
40979	Operations on variable 'Pit_Ip.pitBase' do not interfere with each other.		152	17	Unset	Unreviewed	
40980	Operations on variable 'Pit_Ip.Pit_Ip_u32ChState' do not interfere with each other.		189	20	Unset	Unreviewed	

**Table 6.70. D:\Jessie\3\_NXP\S32DS\_S32K312EVBQ172\8\_I2C\_Master\_DMA\_FunctionTest\_RTD3.0.0\S32K312\_I2C\_Master\_MCAL\RTD\src\Port.c**

ID	Detail	Protection	Line	Col	Severity	Status	Comment
40991	Operations on variable 'Port.Port_pConfigPtr' do not interfere with each other.		125	31	Unset	Unreviewed	

**Table 6.71. D:\Jessie\3\_NXP\S32DS\_S32K312EVBQ172\8\_I2C\_Master\_DMA\_FunctionTest\_RTD3.0.0\S32K312\_I2C\_Master\_MCAL\RTD\src\Power\_Ip.c**

ID	Detail	Protection	Line	Col	Severity	Status	Comment
41015	Operations on variable 'Power_Ip.Power_Ip_pfReportErrorsCallback' do not interfere with each other.		242	34	Unset	Unreviewed	

**Table 6.72.**

**D:\Jessie\3\_NXP\S32DS\_S32K312EVBQ172\8\_I2C\_Master\_DMA\_FunctionTest\_RTD3.0.0\S32K312\_I2C\_Master\_MCAL\RTD\src\Power\_Ip\_MC\_ME.c**

ID	Detail	Protection	Line	Col	Severity	Status	Comment
41016	Operations on variable 'Power_Ip_MC_ME.Power_Ip_pxMC_ME' do not interfere with each other.		175	29	Unset	Unreviewed	

**Table 6.73.**

**D:\Jessie\3\_NXP\S32DS\_S32K312EVBQ172\8\_I2C\_Master\_DMA\_FunctionTest\_RTD3.0.0\S32K312\_I2C\_Master\_MCAL\RTD\src\Power\_Ip\_MC\_RGM.c**

ID	Detail	Protection	Line	Col	Severity	Status	Comment
41019	Operations on variable 'Power_Ip_MC_RGM.DesResetStatus' do not interfere with each other.		174	14	Unset	Unreviewed	

ID	Detail	Protection	Line	Col	Severity	Status	Comment
41018	Operations on variable 'Power_Ip_MC_RGM.FesResetStatus' do not interfere with each other.		175	14	Unset	Unreviewed	
41020	Operations on variable 'Power_Ip_MC_RGM.StandbyResetStatus' do not interfere with each other.		179	14	Unset	Unreviewed	
41017	Operations on variable 'Power_Ip_MC_RGM.Power_Ip_pxMC_RGM' do not interfere with each other.		192	30	Unset	Unreviewed	

**Table 6.74. D:\Jessie\3\_NXP\S32DS\_S32K312EVQB172\8\_I2C\_Master\_DMA\_FunctionTest\_RTD3.0.0\S32K312\_I2C\_Master\_MCAL\RTD\src\SchM\_Gpt.c**

ID	Detail	Protection	Line	Col	Severity	Status	Comment
41078	Operations on variable 'SchM_Gpt.msr_GPT_EXCLUSIVE_AREA_00' do not interfere with each other.		119	23	Unset	Unreviewed	
41124	Operations on variable 'SchM_Gpt.reentry_guard_GPT_EXCLUSIVE_AREA_00' do not interfere with each other.		120	23	Unset	Unreviewed	
41066	Operations on variable 'SchM_Gpt.msr_GPT_EXCLUSIVE_AREA_01' do not interfere with each other.		121	23	Unset	Unreviewed	
41070	Operations on variable 'SchM_Gpt.reentry_guard_GPT_EXCLUSIVE_AREA_01' do not interfere with each other.		122	23	Unset	Unreviewed	
41081	Operations on variable 'SchM_Gpt.msr_GPT_EXCLUSIVE_AREA_02' do not interfere with each other.		123	23	Unset	Unreviewed	
41126	Operations on variable 'SchM_Gpt.reentry_guard_GPT_EXCLUSIVE_AREA_02' do not interfere with each other.		124	23	Unset	Unreviewed	
41142	Operations on variable 'SchM_Gpt.msr_GPT_EXCLUSIVE_AREA_03' do not interfere with each other.		125	23	Unset	Unreviewed	
41090	Operations on variable 'SchM_Gpt.reentry_guard_GPT_EXCLUSIVE_AREA_03' do not interfere with each other.		126	23	Unset	Unreviewed	
41167	Operations on variable 'SchM_Gpt.msr_GPT_EXCLUSIVE_AREA_04' do not interfere with each other.		127	23	Unset	Unreviewed	
41123	Operations on variable 'SchM_Gpt.reentry_guard_GPT_EXCLUSIVE_AREA_04' do not interfere with each other.		128	23	Unset	Unreviewed	
41139	Operations on variable 'SchM_Gpt.msr_GPT_EXCLUSIVE_AREA_05' do not interfere with each other.		129	23	Unset	Unreviewed	
41068	Operations on variable 'SchM_Gpt.reentry_guard_GPT_EXCLUSIVE_AREA_05' do not interfere with each other.		130	23	Unset	Unreviewed	
41092	Operations on variable 'SchM_Gpt.msr_GPT_EXCLUSIVE_AREA_06' do not interfere with each other.		131	23	Unset	Unreviewed	

ID	Detail	Protection	Line	Col	Severity	Status	Comment
41125	Operations on variable 'SchM_Gpt.reentry_guard_GPT_EXCLUSIVE_AREA_06' do not interfere with each other.		132	23	Unset	Unreviewed	
41145	Operations on variable 'SchM_Gpt.msr_GPT_EXCLUSIVE_AREA_07' do not interfere with each other.		133	23	Unset	Unreviewed	
41071	Operations on variable 'SchM_Gpt.reentry_guard_GPT_EXCLUSIVE_AREA_07' do not interfere with each other.		134	23	Unset	Unreviewed	
41121	Operations on variable 'SchM_Gpt.msr_GPT_EXCLUSIVE_AREA_10' do not interfere with each other.		135	23	Unset	Unreviewed	
41097	Operations on variable 'SchM_Gpt.reentry_guard_GPT_EXCLUSIVE_AREA_10' do not interfere with each other.		136	23	Unset	Unreviewed	
41065	Operations on variable 'SchM_Gpt.msr_GPT_EXCLUSIVE_AREA_11' do not interfere with each other.		137	23	Unset	Unreviewed	
41153	Operations on variable 'SchM_Gpt.reentry_guard_GPT_EXCLUSIVE_AREA_11' do not interfere with each other.		138	23	Unset	Unreviewed	
41094	Operations on variable 'SchM_Gpt.msr_GPT_EXCLUSIVE_AREA_12' do not interfere with each other.		139	23	Unset	Unreviewed	
41099	Operations on variable 'SchM_Gpt.reentry_guard_GPT_EXCLUSIVE_AREA_12' do not interfere with each other.		140	23	Unset	Unreviewed	
41074	Operations on variable 'SchM_Gpt.msr_GPT_EXCLUSIVE_AREA_17' do not interfere with each other.		141	23	Unset	Unreviewed	
41173	Operations on variable 'SchM_Gpt.reentry_guard_GPT_EXCLUSIVE_AREA_17' do not interfere with each other.		142	23	Unset	Unreviewed	
41100	Operations on variable 'SchM_Gpt.msr_GPT_EXCLUSIVE_AREA_21' do not interfere with each other.		143	23	Unset	Unreviewed	
41131	Operations on variable 'SchM_Gpt.reentry_guard_GPT_EXCLUSIVE_AREA_21' do not interfere with each other.		144	23	Unset	Unreviewed	
41157	Operations on variable 'SchM_Gpt.msr_GPT_EXCLUSIVE_AREA_22' do not interfere with each other.		145	23	Unset	Unreviewed	
41160	Operations on variable 'SchM_Gpt.reentry_guard_GPT_EXCLUSIVE_AREA_22' do not interfere with each other.		146	23	Unset	Unreviewed	
41109	Operations on variable 'SchM_Gpt.msr_GPT_EXCLUSIVE_AREA_23' do not interfere with each other.		147	23	Unset	Unreviewed	
41128	Operations on variable 'SchM_Gpt.reentry_guard_GPT_EXCLUSIVE_AREA_23' do not interfere with each other.		148	23	Unset	Unreviewed	
41163	Operations on variable 'SchM_Gpt.msr_GPT_EXCLUSIVE_AREA_24' do not interfere with each other.		149	23	Unset	Unreviewed	



ID	Detail	Protection	Line	Col	Severity	Status	Comment
41073	Operations on variable 'SchM_Gpt.reentry_guard_GPT_EXCLUSIVE_AREA_24' do not interfere with each other.		150	23	Unset	Unreviewed	
41113	Operations on variable 'SchM_Gpt.msr_GPT_EXCLUSIVE_AREA_25' do not interfere with each other.		151	23	Unset	Unreviewed	
41129	Operations on variable 'SchM_Gpt.reentry_guard_GPT_EXCLUSIVE_AREA_25' do not interfere with each other.		152	23	Unset	Unreviewed	
41166	Operations on variable 'SchM_Gpt.msr_GPT_EXCLUSIVE_AREA_26' do not interfere with each other.		153	23	Unset	Unreviewed	
41076	Operations on variable 'SchM_Gpt.reentry_guard_GPT_EXCLUSIVE_AREA_26' do not interfere with each other.		154	23	Unset	Unreviewed	
41112	Operations on variable 'SchM_Gpt.msr_GPT_EXCLUSIVE_AREA_27' do not interfere with each other.		155	23	Unset	Unreviewed	
41127	Operations on variable 'SchM_Gpt.reentry_guard_GPT_EXCLUSIVE_AREA_27' do not interfere with each other.		156	23	Unset	Unreviewed	
41168	Operations on variable 'SchM_Gpt.msr_GPT_EXCLUSIVE_AREA_28' do not interfere with each other.		157	23	Unset	Unreviewed	
41072	Operations on variable 'SchM_Gpt.reentry_guard_GPT_EXCLUSIVE_AREA_28' do not interfere with each other.		158	23	Unset	Unreviewed	
41116	Operations on variable 'SchM_Gpt.msr_GPT_EXCLUSIVE_AREA_29' do not interfere with each other.		159	23	Unset	Unreviewed	
41171	Operations on variable 'SchM_Gpt.reentry_guard_GPT_EXCLUSIVE_AREA_29' do not interfere with each other.		160	23	Unset	Unreviewed	
41093	Operations on variable 'SchM_Gpt.msr_GPT_EXCLUSIVE_AREA_30' do not interfere with each other.		161	23	Unset	Unreviewed	
41159	Operations on variable 'SchM_Gpt.reentry_guard_GPT_EXCLUSIVE_AREA_30' do not interfere with each other.		162	23	Unset	Unreviewed	
41148	Operations on variable 'SchM_Gpt.msr_GPT_EXCLUSIVE_AREA_31' do not interfere with each other.		163	23	Unset	Unreviewed	
41104	Operations on variable 'SchM_Gpt.reentry_guard_GPT_EXCLUSIVE_AREA_31' do not interfere with each other.		164	23	Unset	Unreviewed	
41149	Operations on variable 'SchM_Gpt.msr_GPT_EXCLUSIVE_AREA_35' do not interfere with each other.		165	23	Unset	Unreviewed	
41103	Operations on variable 'SchM_Gpt.reentry_guard_GPT_EXCLUSIVE_AREA_35' do not interfere with each other.		166	23	Unset	Unreviewed	
41095	Operations on variable 'SchM_Gpt.msr_GPT_EXCLUSIVE_AREA_36' do not interfere with each other.		167	23	Unset	Unreviewed	

ID	Detail	Protection	Line	Col	Severity	Status	Comment
41133	Operations on variable 'SchM_Gpt.reentry_guard_GPT_EXCLUSIVE_AREA_36' do not interfere with each other.		168	23	Unset	Unreviewed	
41146	Operations on variable 'SchM_Gpt.msr_GPT_EXCLUSIVE_AREA_38' do not interfere with each other.		169	23	Unset	Unreviewed	
41158	Operations on variable 'SchM_Gpt.reentry_guard_GPT_EXCLUSIVE_AREA_38' do not interfere with each other.		170	23	Unset	Unreviewed	
41154	Operations on variable 'SchM_Gpt.msr_GPT_EXCLUSIVE_AREA_39' do not interfere with each other.		171	23	Unset	Unreviewed	
41102	Operations on variable 'SchM_Gpt.reentry_guard_GPT_EXCLUSIVE_AREA_39' do not interfere with each other.		172	23	Unset	Unreviewed	
41130	Operations on variable 'SchM_Gpt.msr_GPT_EXCLUSIVE_AREA_40' do not interfere with each other.		173	23	Unset	Unreviewed	
41137	Operations on variable 'SchM_Gpt.reentry_guard_GPT_EXCLUSIVE_AREA_40' do not interfere with each other.		174	23	Unset	Unreviewed	
41075	Operations on variable 'SchM_Gpt.msr_GPT_EXCLUSIVE_AREA_41' do not interfere with each other.		175	23	Unset	Unreviewed	
41083	Operations on variable 'SchM_Gpt.reentry_guard_GPT_EXCLUSIVE_AREA_41' do not interfere with each other.		176	23	Unset	Unreviewed	
41106	Operations on variable 'SchM_Gpt.msr_GPT_EXCLUSIVE_AREA_42' do not interfere with each other.		177	23	Unset	Unreviewed	
41134	Operations on variable 'SchM_Gpt.reentry_guard_GPT_EXCLUSIVE_AREA_42' do not interfere with each other.		178	23	Unset	Unreviewed	
41077	Operations on variable 'SchM_Gpt.msr_GPT_EXCLUSIVE_AREA_43' do not interfere with each other.		179	23	Unset	Unreviewed	
41079	Operations on variable 'SchM_Gpt.reentry_guard_GPT_EXCLUSIVE_AREA_43' do not interfere with each other.		180	23	Unset	Unreviewed	
41132	Operations on variable 'SchM_Gpt.msr_GPT_EXCLUSIVE_AREA_44' do not interfere with each other.		181	23	Unset	Unreviewed	
41136	Operations on variable 'SchM_Gpt.reentry_guard_GPT_EXCLUSIVE_AREA_44' do not interfere with each other.		182	23	Unset	Unreviewed	
41080	Operations on variable 'SchM_Gpt.msr_GPT_EXCLUSIVE_AREA_45' do not interfere with each other.		183	23	Unset	Unreviewed	
41082	Operations on variable 'SchM_Gpt.reentry_guard_GPT_EXCLUSIVE_AREA_45' do not interfere with each other.		184	23	Unset	Unreviewed	
41135	Operations on variable 'SchM_Gpt.msr_GPT_EXCLUSIVE_AREA_46' do not interfere with each other.		185	23	Unset	Unreviewed	

ID	Detail	Protection	Line	Col	Severity	Status	Comment
41151	Operations on variable 'SchM_Gpt.reentry_guard_GPT_EXCLUSIVE_AREA_46' do not interfere with each other.		186	23	Unset	Unreviewed	
41147	Operations on variable 'SchM_Gpt.msr_GPT_EXCLUSIVE_AREA_50' do not interfere with each other.		187	23	Unset	Unreviewed	
41111	Operations on variable 'SchM_Gpt.reentry_guard_GPT_EXCLUSIVE_AREA_50' do not interfere with each other.		188	23	Unset	Unreviewed	
41114	Operations on variable 'SchM_Gpt.msr_GPT_EXCLUSIVE_AREA_51' do not interfere with each other.		189	23	Unset	Unreviewed	
41144	Operations on variable 'SchM_Gpt.reentry_guard_GPT_EXCLUSIVE_AREA_51' do not interfere with each other.		190	23	Unset	Unreviewed	
41169	Operations on variable 'SchM_Gpt.msr_GPT_EXCLUSIVE_AREA_52' do not interfere with each other.		191	23	Unset	Unreviewed	
41108	Operations on variable 'SchM_Gpt.reentry_guard_GPT_EXCLUSIVE_AREA_52' do not interfere with each other.		192	23	Unset	Unreviewed	
41120	Operations on variable 'SchM_Gpt.msr_GPT_EXCLUSIVE_AREA_53' do not interfere with each other.		193	23	Unset	Unreviewed	
41162	Operations on variable 'SchM_Gpt.reentry_guard_GPT_EXCLUSIVE_AREA_53' do not interfere with each other.		194	23	Unset	Unreviewed	
41064	Operations on variable 'SchM_Gpt.msr_GPT_EXCLUSIVE_AREA_54' do not interfere with each other.		195	23	Unset	Unreviewed	
41110	Operations on variable 'SchM_Gpt.reentry_guard_GPT_EXCLUSIVE_AREA_54' do not interfere with each other.		196	23	Unset	Unreviewed	
41122	Operations on variable 'SchM_Gpt.msr_GPT_EXCLUSIVE_AREA_55' do not interfere with each other.		197	23	Unset	Unreviewed	
41164	Operations on variable 'SchM_Gpt.reentry_guard_GPT_EXCLUSIVE_AREA_55' do not interfere with each other.		198	23	Unset	Unreviewed	
41067	Operations on variable 'SchM_Gpt.msr_GPT_EXCLUSIVE_AREA_56' do not interfere with each other.		199	23	Unset	Unreviewed	
41107	Operations on variable 'SchM_Gpt.reentry_guard_GPT_EXCLUSIVE_AREA_56' do not interfere with each other.		200	23	Unset	Unreviewed	
41096	Operations on variable 'SchM_Gpt.msr_GPT_EXCLUSIVE_AREA_60' do not interfere with each other.		201	23	Unset	Unreviewed	
41089	Operations on variable 'SchM_Gpt.reentry_guard_GPT_EXCLUSIVE_AREA_60' do not interfere with each other.		202	23	Unset	Unreviewed	
41152	Operations on variable 'SchM_Gpt.msr_GPT_EXCLUSIVE_AREA_61' do not interfere with each other.		203	23	Unset	Unreviewed	

ID	Detail	Protection	Line	Col	Severity	Status	Comment
41138	Operations on variable 'SchM_Gpt.reentry_guard_GPT_EXCLUSIVE_AREA_61' do not interfere with each other.		204	23	Unset	Unreviewed	
41098	Operations on variable 'SchM_Gpt.msr_GPT_EXCLUSIVE_AREA_62' do not interfere with each other.		205	23	Unset	Unreviewed	
41085	Operations on variable 'SchM_Gpt.reentry_guard_GPT_EXCLUSIVE_AREA_62' do not interfere with each other.		206	23	Unset	Unreviewed	
41155	Operations on variable 'SchM_Gpt.msr_GPT_EXCLUSIVE_AREA_63' do not interfere with each other.		207	23	Unset	Unreviewed	
41069	Operations on variable 'SchM_Gpt.reentry_guard_GPT_EXCLUSIVE_AREA_63' do not interfere with each other.		208	23	Unset	Unreviewed	
41105	Operations on variable 'SchM_Gpt.msr_GPT_EXCLUSIVE_AREA_64' do not interfere with each other.		209	23	Unset	Unreviewed	
41087	Operations on variable 'SchM_Gpt.reentry_guard_GPT_EXCLUSIVE_AREA_64' do not interfere with each other.		210	23	Unset	Unreviewed	
41156	Operations on variable 'SchM_Gpt.msr_GPT_EXCLUSIVE_AREA_65' do not interfere with each other.		211	23	Unset	Unreviewed	
41119	Operations on variable 'SchM_Gpt.reentry_guard_GPT_EXCLUSIVE_AREA_65' do not interfere with each other.		212	23	Unset	Unreviewed	
41101	Operations on variable 'SchM_Gpt.msr_GPT_EXCLUSIVE_AREA_66' do not interfere with each other.		213	23	Unset	Unreviewed	
41084	Operations on variable 'SchM_Gpt.reentry_guard_GPT_EXCLUSIVE_AREA_66' do not interfere with each other.		214	23	Unset	Unreviewed	
41161	Operations on variable 'SchM_Gpt.msr_GPT_EXCLUSIVE_AREA_67' do not interfere with each other.		215	23	Unset	Unreviewed	
41140	Operations on variable 'SchM_Gpt.reentry_guard_GPT_EXCLUSIVE_AREA_67' do not interfere with each other.		216	23	Unset	Unreviewed	
41150	Operations on variable 'SchM_Gpt.msr_GPT_EXCLUSIVE_AREA_68' do not interfere with each other.		217	23	Unset	Unreviewed	
41086	Operations on variable 'SchM_Gpt.reentry_guard_GPT_EXCLUSIVE_AREA_68' do not interfere with each other.		218	23	Unset	Unreviewed	
41165	Operations on variable 'SchM_Gpt.msr_GPT_EXCLUSIVE_AREA_69' do not interfere with each other.		219	23	Unset	Unreviewed	
41143	Operations on variable 'SchM_Gpt.reentry_guard_GPT_EXCLUSIVE_AREA_69' do not interfere with each other.		220	23	Unset	Unreviewed	
41141	Operations on variable 'SchM_Gpt.msr_GPT_EXCLUSIVE_AREA_70' do not interfere with each other.		221	23	Unset	Unreviewed	

ID	Detail	Protection	Line	Col	Severity	Status	Comment
41172	Operations on variable 'SchM_Gpt.reentry_guard_GPT_EXCLUSIVE_AREA_70' do not interfere with each other.		222	23	Unset	Unreviewed	
41088	Operations on variable 'SchM_Gpt.msr_GPT_EXCLUSIVE_AREA_71' do not interfere with each other.		223	23	Unset	Unreviewed	
41115	Operations on variable 'SchM_Gpt.reentry_guard_GPT_EXCLUSIVE_AREA_71' do not interfere with each other.		224	23	Unset	Unreviewed	
41118	Operations on variable 'SchM_Gpt.msr_GPT_EXCLUSIVE_AREA_72' do not interfere with each other.		225	23	Unset	Unreviewed	
41170	Operations on variable 'SchM_Gpt.reentry_guard_GPT_EXCLUSIVE_AREA_72' do not interfere with each other.		226	23	Unset	Unreviewed	
41091	Operations on variable 'SchM_Gpt.msr_GPT_EXCLUSIVE_AREA_73' do not interfere with each other.		227	23	Unset	Unreviewed	
41117	Operations on variable 'SchM_Gpt.reentry_guard_GPT_EXCLUSIVE_AREA_73' do not interfere with each other.		228	23	Unset	Unreviewed	

**Table 6.75. D:\jessie\3\_NXP\S32DS\_S32K312EVBQ172\8\_I2C\_Master\_DMA\_FunctionTest\_RTD3.0.0\S32K312\_I2C\_Master\_MCAL\RTD\src\SchM\_Mcl.c**

ID	Detail	Protection	Line	Col	Severity	Status	Comment
41256	Operations on variable 'SchM_Mcl.msr_MCL_EXCLUSIVE_AREA_03' do not interfere with each other.		125	23	Unset	Unreviewed	
41224	Operations on variable 'SchM_Mcl.reentry_guard_MCL_EXCLUSIVE_AREA_03' do not interfere with each other.		126	23	Unset	Unreviewed	
41239	Operations on variable 'SchM_Mcl.msr_MCL_EXCLUSIVE_AREA_10' do not interfere with each other.		139	23	Unset	Unreviewed	
41230	Operations on variable 'SchM_Mcl.reentry_guard_MCL_EXCLUSIVE_AREA_10' do not interfere with each other.		140	23	Unset	Unreviewed	
41199	Operations on variable 'SchM_Mcl.msr_MCL_EXCLUSIVE_AREA_13' do not interfere with each other.		145	23	Unset	Unreviewed	
41207	Operations on variable 'SchM_Mcl.reentry_guard_MCL_EXCLUSIVE_AREA_13' do not interfere with each other.		146	23	Unset	Unreviewed	
41245	Operations on variable 'SchM_Mcl.msr_MCL_EXCLUSIVE_AREA_14' do not interfere with each other.		147	23	Unset	Unreviewed	
41254	Operations on variable 'SchM_Mcl.reentry_guard_MCL_EXCLUSIVE_AREA_14' do not interfere with each other.		148	23	Unset	Unreviewed	
41200	Operations on variable 'SchM_Mcl.msr_MCL_EXCLUSIVE_AREA_15' do not interfere with each other.		149	23	Unset	Unreviewed	

ID	Detail	Protection	Line	Col	Severity	Status	Comment
41205	Operations on variable 'SchM_Mcl.reentry_guard_MCL_EXCLUSIVE_AREA_15' do not interfere with each other.		150	23	Unset	Unreviewed	
41263	Operations on variable 'SchM_Mcl.msr_MCL_EXCLUSIVE_AREA_16' do not interfere with each other.		151	23	Unset	Unreviewed	
41250	Operations on variable 'SchM_Mcl.reentry_guard_MCL_EXCLUSIVE_AREA_16' do not interfere with each other.		152	23	Unset	Unreviewed	
41201	Operations on variable 'SchM_Mcl.msr_MCL_EXCLUSIVE_AREA_17' do not interfere with each other.		153	23	Unset	Unreviewed	
41242	Operations on variable 'SchM_Mcl.reentry_guard_MCL_EXCLUSIVE_AREA_17' do not interfere with each other.		154	23	Unset	Unreviewed	
41248	Operations on variable 'SchM_Mcl.msr_MCL_EXCLUSIVE_AREA_18' do not interfere with each other.		155	23	Unset	Unreviewed	
41253	Operations on variable 'SchM_Mcl.reentry_guard_MCL_EXCLUSIVE_AREA_18' do not interfere with each other.		156	23	Unset	Unreviewed	
41240	Operations on variable 'SchM_Mcl.msr_MCL_EXCLUSIVE_AREA_19' do not interfere with each other.		157	23	Unset	Unreviewed	
41219	Operations on variable 'SchM_Mcl.reentry_guard_MCL_EXCLUSIVE_AREA_19' do not interfere with each other.		158	23	Unset	Unreviewed	
41180	Operations on variable 'SchM_Mcl.msr_MCL_EXCLUSIVE_AREA_20' do not interfere with each other.		159	23	Unset	Unreviewed	
41246	Operations on variable 'SchM_Mcl.reentry_guard_MCL_EXCLUSIVE_AREA_20' do not interfere with each other.		160	23	Unset	Unreviewed	
41225	Operations on variable 'SchM_Mcl.msr_MCL_EXCLUSIVE_AREA_21' do not interfere with each other.		161	23	Unset	Unreviewed	
41188	Operations on variable 'SchM_Mcl.reentry_guard_MCL_EXCLUSIVE_AREA_21' do not interfere with each other.		162	23	Unset	Unreviewed	
41185	Operations on variable 'SchM_Mcl.msr_MCL_EXCLUSIVE_AREA_22' do not interfere with each other.		163	23	Unset	Unreviewed	
41267	Operations on variable 'SchM_Mcl.reentry_guard_MCL_EXCLUSIVE_AREA_22' do not interfere with each other.		164	23	Unset	Unreviewed	
41228	Operations on variable 'SchM_Mcl.msr_MCL_EXCLUSIVE_AREA_23' do not interfere with each other.		165	23	Unset	Unreviewed	
41191	Operations on variable 'SchM_Mcl.reentry_guard_MCL_EXCLUSIVE_AREA_23' do not interfere with each other.		166	23	Unset	Unreviewed	
41184	Operations on variable 'SchM_Mcl.msr_MCL_EXCLUSIVE_AREA_24' do not interfere with each other.		167	23	Unset	Unreviewed	

ID	Detail	Protection	Line	Col	Severity	Status	Comment
41214	Operations on variable 'SchM_Mcl.reentry_guard_MCL_EXCLUSIVE_AREA_24' do not interfere with each other.		168	23	Unset	Unreviewed	
41231	Operations on variable 'SchM_Mcl.msr_MCL_EXCLUSIVE_AREA_25' do not interfere with each other.		169	23	Unset	Unreviewed	
41187	Operations on variable 'SchM_Mcl.reentry_guard_MCL_EXCLUSIVE_AREA_25' do not interfere with each other.		170	23	Unset	Unreviewed	
41189	Operations on variable 'SchM_Mcl.msr_MCL_EXCLUSIVE_AREA_26' do not interfere with each other.		171	23	Unset	Unreviewed	
41232	Operations on variable 'SchM_Mcl.reentry_guard_MCL_EXCLUSIVE_AREA_26' do not interfere with each other.		172	23	Unset	Unreviewed	
41271	Operations on variable 'SchM_Mcl.msr_MCL_EXCLUSIVE_AREA_27' do not interfere with each other.		173	23	Unset	Unreviewed	
41190	Operations on variable 'SchM_Mcl.reentry_guard_MCL_EXCLUSIVE_AREA_27' do not interfere with each other.		174	23	Unset	Unreviewed	
41196	Operations on variable 'SchM_Mcl.msr_MCL_EXCLUSIVE_AREA_28' do not interfere with each other.		175	23	Unset	Unreviewed	
41233	Operations on variable 'SchM_Mcl.reentry_guard_MCL_EXCLUSIVE_AREA_28' do not interfere with each other.		176	23	Unset	Unreviewed	
41236	Operations on variable 'SchM_Mcl.msr_MCL_EXCLUSIVE_AREA_29' do not interfere with each other.		177	23	Unset	Unreviewed	
41186	Operations on variable 'SchM_Mcl.reentry_guard_MCL_EXCLUSIVE_AREA_29' do not interfere with each other.		178	23	Unset	Unreviewed	
41216	Operations on variable 'SchM_Mcl.msr_MCL_EXCLUSIVE_AREA_30' do not interfere with each other.		179	23	Unset	Unreviewed	
41210	Operations on variable 'SchM_Mcl.reentry_guard_MCL_EXCLUSIVE_AREA_30' do not interfere with each other.		180	23	Unset	Unreviewed	
41265	Operations on variable 'SchM_Mcl.msr_MCL_EXCLUSIVE_AREA_31' do not interfere with each other.		181	23	Unset	Unreviewed	
41258	Operations on variable 'SchM_Mcl.reentry_guard_MCL_EXCLUSIVE_AREA_31' do not interfere with each other.		182	23	Unset	Unreviewed	
41217	Operations on variable 'SchM_Mcl.msr_MCL_EXCLUSIVE_AREA_32' do not interfere with each other.		183	23	Unset	Unreviewed	
41213	Operations on variable 'SchM_Mcl.reentry_guard_MCL_EXCLUSIVE_AREA_32' do not interfere with each other.		184	23	Unset	Unreviewed	
41266	Operations on variable 'SchM_Mcl.msr_MCL_EXCLUSIVE_AREA_33' do not interfere with each other.		185	23	Unset	Unreviewed	

ID	Detail	Protection	Line	Col	Severity	Status	Comment
41261	Operations on variable 'SchM_Mcl.reentry_guard_MCL_EXCLUSIVE_AREA_33' do not interfere with each other.		186	23	Unset	Unreviewed	
41218	Operations on variable 'SchM_Mcl.msr_MCL_EXCLUSIVE_AREA_34' do not interfere with each other.		187	23	Unset	Unreviewed	
41221	Operations on variable 'SchM_Mcl.reentry_guard_MCL_EXCLUSIVE_AREA_34' do not interfere with each other.		188	23	Unset	Unreviewed	
41212	Operations on variable 'SchM_Mcl.msr_MCL_EXCLUSIVE_AREA_35' do not interfere with each other.		189	23	Unset	Unreviewed	
41257	Operations on variable 'SchM_Mcl.reentry_guard_MCL_EXCLUSIVE_AREA_35' do not interfere with each other.		190	23	Unset	Unreviewed	
41220	Operations on variable 'SchM_Mcl.msr_MCL_EXCLUSIVE_AREA_36' do not interfere with each other.		191	23	Unset	Unreviewed	
41244	Operations on variable 'SchM_Mcl.reentry_guard_MCL_EXCLUSIVE_AREA_36' do not interfere with each other.		192	23	Unset	Unreviewed	
41268	Operations on variable 'SchM_Mcl.msr_MCL_EXCLUSIVE_AREA_37' do not interfere with each other.		193	23	Unset	Unreviewed	
41260	Operations on variable 'SchM_Mcl.reentry_guard_MCL_EXCLUSIVE_AREA_37' do not interfere with each other.		194	23	Unset	Unreviewed	
41238	Operations on variable 'SchM_Mcl.msr_MCL_EXCLUSIVE_AREA_38' do not interfere with each other.		195	23	Unset	Unreviewed	
41197	Operations on variable 'SchM_Mcl.reentry_guard_MCL_EXCLUSIVE_AREA_38' do not interfere with each other.		196	23	Unset	Unreviewed	
41270	Operations on variable 'SchM_Mcl.msr_MCL_EXCLUSIVE_AREA_39' do not interfere with each other.		197	23	Unset	Unreviewed	
41255	Operations on variable 'SchM_Mcl.reentry_guard_MCL_EXCLUSIVE_AREA_39' do not interfere with each other.		198	23	Unset	Unreviewed	
41247	Operations on variable 'SchM_Mcl.msr_MCL_EXCLUSIVE_AREA_40' do not interfere with each other.		199	23	Unset	Unreviewed	
41193	Operations on variable 'SchM_Mcl.reentry_guard_MCL_EXCLUSIVE_AREA_40' do not interfere with each other.		200	23	Unset	Unreviewed	
41202	Operations on variable 'SchM_Mcl.msr_MCL_EXCLUSIVE_AREA_41' do not interfere with each other.		201	23	Unset	Unreviewed	
41235	Operations on variable 'SchM_Mcl.reentry_guard_MCL_EXCLUSIVE_AREA_41' do not interfere with each other.		202	23	Unset	Unreviewed	
41249	Operations on variable 'SchM_Mcl.msr_MCL_EXCLUSIVE_AREA_42' do not interfere with each other.		203	23	Unset	Unreviewed	



ID	Detail	Protection	Line	Col	Severity	Status	Comment
41195	Operations on variable 'SchM_Mcl.reentry_guard_MCL_EXCLUSIVE_AREA_42' do not interfere with each other.		204	23	Unset	Unreviewed	
41203	Operations on variable 'SchM_Mcl.msr_MCL_EXCLUSIVE_AREA_43' do not interfere with each other.		205	23	Unset	Unreviewed	
41237	Operations on variable 'SchM_Mcl.reentry_guard_MCL_EXCLUSIVE_AREA_43' do not interfere with each other.		206	23	Unset	Unreviewed	
41252	Operations on variable 'SchM_Mcl.msr_MCL_EXCLUSIVE_AREA_44' do not interfere with each other.		207	23	Unset	Unreviewed	
41192	Operations on variable 'SchM_Mcl.reentry_guard_MCL_EXCLUSIVE_AREA_44' do not interfere with each other.		208	23	Unset	Unreviewed	
41209	Operations on variable 'SchM_Mcl.msr_MCL_EXCLUSIVE_AREA_45' do not interfere with each other.		209	23	Unset	Unreviewed	
41234	Operations on variable 'SchM_Mcl.reentry_guard_MCL_EXCLUSIVE_AREA_45' do not interfere with each other.		210	23	Unset	Unreviewed	
41269	Operations on variable 'SchM_Mcl.msr_MCL_EXCLUSIVE_AREA_46' do not interfere with each other.		211	23	Unset	Unreviewed	
41194	Operations on variable 'SchM_Mcl.reentry_guard_MCL_EXCLUSIVE_AREA_46' do not interfere with each other.		212	23	Unset	Unreviewed	

**Table 6.76. D:\jessie\3\_NXP\S32DS\_S32K312EV BQ172\8\_I2C\_Master\_DMA\_FunctionTest\_RTD3.0.0\S32K312\_I2C\_Master\_MCAL\RTD\src\SchM\_Mcu.c**

ID	Detail	Protection	Line	Col	Severity	Status	Comment
41272	Operations on variable 'SchM_Mcu.msr_MCU_EXCLUSIVE_AREA_00' do not interfere with each other.		119	23	Unset	Unreviewed	
41276	Operations on variable 'SchM_Mcu.reentry_guard_MCU_EXCLUSIVE_AREA_00' do not interfere with each other.		120	23	Unset	Unreviewed	
41274	Operations on variable 'SchM_Mcu.msr_MCU_EXCLUSIVE_AREA_01' do not interfere with each other.		121	23	Unset	Unreviewed	
41275	Operations on variable 'SchM_Mcu.reentry_guard_MCU_EXCLUSIVE_AREA_01' do not interfere with each other.		122	23	Unset	Unreviewed	
41273	Operations on variable 'SchM_Mcu.msr_MCU_EXCLUSIVE_AREA_02' do not interfere with each other.		123	23	Unset	Unreviewed	
41277	Operations on variable 'SchM_Mcu.reentry_guard_MCU_EXCLUSIVE_AREA_02' do not interfere with each other.		124	23	Unset	Unreviewed	

**Table 6.77. D:\jessie\3\_NXP\S32DS\_S32K312EV\BQ172\8\_I2C\_Master\_DMA\_FunctionTest\_RTD3.0.0\S32K312\_I2C\_Master\_MCAL\RTD\src\SchM\_Port.c**

ID	Detail	Protection	Line	Col	Severity	Status	Comment
41293	Operations on variable 'SchM_Port.msr_PORT_EXCLUSIVE_AREA_01' do not interfere with each other.		121	23	Unset	Unreviewed	
41325	Operations on variable 'SchM_Port.reentry_guard_PORT_EXCLUSIVE_AREA_01' do not interfere with each other.		122	23	Unset	Unreviewed	
41329	Operations on variable 'SchM_Port.msr_PORT_EXCLUSIVE_AREA_02' do not interfere with each other.		123	23	Unset	Unreviewed	
41283	Operations on variable 'SchM_Port.reentry_guard_PORT_EXCLUSIVE_AREA_02' do not interfere with each other.		124	23	Unset	Unreviewed	
41320	Operations on variable 'SchM_Port.msr_PORT_EXCLUSIVE_AREA_03' do not interfere with each other.		125	23	Unset	Unreviewed	
41281	Operations on variable 'SchM_Port.reentry_guard_PORT_EXCLUSIVE_AREA_03' do not interfere with each other.		126	23	Unset	Unreviewed	
41319	Operations on variable 'SchM_Port.msr_PORT_EXCLUSIVE_AREA_04' do not interfere with each other.		127	23	Unset	Unreviewed	
41278	Operations on variable 'SchM_Port.reentry_guard_PORT_EXCLUSIVE_AREA_04' do not interfere with each other.		128	23	Unset	Unreviewed	
41297	Operations on variable 'SchM_Port.msr_PORT_EXCLUSIVE_AREA_08' do not interfere with each other.		135	23	Unset	Unreviewed	
41324	Operations on variable 'SchM_Port.reentry_guard_PORT_EXCLUSIVE_AREA_08' do not interfere with each other.		136	23	Unset	Unreviewed	
41294	Operations on variable 'SchM_Port.msr_PORT_EXCLUSIVE_AREA_09' do not interfere with each other.		137	23	Unset	Unreviewed	
41321	Operations on variable 'SchM_Port.reentry_guard_PORT_EXCLUSIVE_AREA_09' do not interfere with each other.		138	23	Unset	Unreviewed	
41303	Operations on variable 'SchM_Port.msr_PORT_EXCLUSIVE_AREA_10' do not interfere with each other.		139	23	Unset	Unreviewed	
41302	Operations on variable 'SchM_Port.reentry_guard_PORT_EXCLUSIVE_AREA_10' do not interfere with each other.		140	23	Unset	Unreviewed	
41310	Operations on variable 'SchM_Port.msr_PORT_EXCLUSIVE_AREA_11' do not interfere with each other.		141	23	Unset	Unreviewed	
41315	Operations on variable 'SchM_Port.reentry_guard_PORT_EXCLUSIVE_AREA_11' do not interfere with each other.		142	23	Unset	Unreviewed	
41306	Operations on variable 'SchM_Port.msr_PORT_EXCLUSIVE_AREA_12' do not interfere with each other.		143	23	Unset	Unreviewed	

ID	Detail	Protection	Line	Col	Severity	Status	Comment
41314	Operations on variable 'SchM_Port.reentry_guard_PORT_EXCLUSIVE_AREA_12' do not interfere with each other.		144	23	Unset	Unreviewed	
41298	Operations on variable 'SchM_Port.msr_PORT_EXCLUSIVE_AREA_13' do not interfere with each other.		145	23	Unset	Unreviewed	
41313	Operations on variable 'SchM_Port.reentry_guard_PORT_EXCLUSIVE_AREA_13' do not interfere with each other.		146	23	Unset	Unreviewed	
41295	Operations on variable 'SchM_Port.msr_PORT_EXCLUSIVE_AREA_14' do not interfere with each other.		147	23	Unset	Unreviewed	
41308	Operations on variable 'SchM_Port.reentry_guard_PORT_EXCLUSIVE_AREA_14' do not interfere with each other.		148	23	Unset	Unreviewed	
41288	Operations on variable 'SchM_Port.msr_PORT_EXCLUSIVE_AREA_15' do not interfere with each other.		149	23	Unset	Unreviewed	
41317	Operations on variable 'SchM_Port.reentry_guard_PORT_EXCLUSIVE_AREA_15' do not interfere with each other.		150	23	Unset	Unreviewed	
41279	Operations on variable 'SchM_Port.msr_PORT_EXCLUSIVE_AREA_16' do not interfere with each other.		151	23	Unset	Unreviewed	
41304	Operations on variable 'SchM_Port.reentry_guard_PORT_EXCLUSIVE_AREA_16' do not interfere with each other.		152	23	Unset	Unreviewed	
41296	Operations on variable 'SchM_Port.msr_PORT_EXCLUSIVE_AREA_17' do not interfere with each other.		153	23	Unset	Unreviewed	
41301	Operations on variable 'SchM_Port.reentry_guard_PORT_EXCLUSIVE_AREA_17' do not interfere with each other.		154	23	Unset	Unreviewed	
41322	Operations on variable 'SchM_Port.msr_PORT_EXCLUSIVE_AREA_18' do not interfere with each other.		155	23	Unset	Unreviewed	
41300	Operations on variable 'SchM_Port.reentry_guard_PORT_EXCLUSIVE_AREA_18' do not interfere with each other.		156	23	Unset	Unreviewed	
41311	Operations on variable 'SchM_Port.msr_PORT_EXCLUSIVE_AREA_19' do not interfere with each other.		157	23	Unset	Unreviewed	
41299	Operations on variable 'SchM_Port.reentry_guard_PORT_EXCLUSIVE_AREA_19' do not interfere with each other.		158	23	Unset	Unreviewed	
41289	Operations on variable 'SchM_Port.msr_PORT_EXCLUSIVE_AREA_20' do not interfere with each other.		159	23	Unset	Unreviewed	
41290	Operations on variable 'SchM_Port.reentry_guard_PORT_EXCLUSIVE_AREA_20' do not interfere with each other.		160	23	Unset	Unreviewed	
41280	Operations on variable 'SchM_Port.msr_PORT_EXCLUSIVE_AREA_21' do not interfere with each other.		161	23	Unset	Unreviewed	

ID	Detail	Protection	Line	Col	Severity	Status	Comment
41286	Operations on variable 'SchM_Port.reentry_guard_PORT_EXCLUSIVE_AREA_21' do not interfere with each other.		162	23	Unset	Unreviewed	
41332	Operations on variable 'SchM_Port.msr_PORT_EXCLUSIVE_AREA_22' do not interfere with each other.		163	23	Unset	Unreviewed	
41284	Operations on variable 'SchM_Port.reentry_guard_PORT_EXCLUSIVE_AREA_22' do not interfere with each other.		164	23	Unset	Unreviewed	
41323	Operations on variable 'SchM_Port.msr_PORT_EXCLUSIVE_AREA_23' do not interfere with each other.		165	23	Unset	Unreviewed	
41282	Operations on variable 'SchM_Port.reentry_guard_PORT_EXCLUSIVE_AREA_23' do not interfere with each other.		166	23	Unset	Unreviewed	
41328	Operations on variable 'SchM_Port.msr_PORT_EXCLUSIVE_AREA_24' do not interfere with each other.		167	23	Unset	Unreviewed	
41292	Operations on variable 'SchM_Port.reentry_guard_PORT_EXCLUSIVE_AREA_24' do not interfere with each other.		168	23	Unset	Unreviewed	
41318	Operations on variable 'SchM_Port.msr_PORT_EXCLUSIVE_AREA_25' do not interfere with each other.		169	23	Unset	Unreviewed	
41331	Operations on variable 'SchM_Port.reentry_guard_PORT_EXCLUSIVE_AREA_25' do not interfere with each other.		170	23	Unset	Unreviewed	
41312	Operations on variable 'SchM_Port.msr_PORT_EXCLUSIVE_AREA_26' do not interfere with each other.		171	23	Unset	Unreviewed	
41330	Operations on variable 'SchM_Port.reentry_guard_PORT_EXCLUSIVE_AREA_26' do not interfere with each other.		172	23	Unset	Unreviewed	
41307	Operations on variable 'SchM_Port.msr_PORT_EXCLUSIVE_AREA_27' do not interfere with each other.		173	23	Unset	Unreviewed	
41327	Operations on variable 'SchM_Port.reentry_guard_PORT_EXCLUSIVE_AREA_27' do not interfere with each other.		174	23	Unset	Unreviewed	

**Table 6.78. D:\jessie\3\_NXP\S32DS\_S32K312EV BQ172\8\_I2C\_Master\_DMA\_FunctionTest\_RTD3.0.0\S32K312\_I2C\_Master\_MCAL\RTD\src\SchM\_Rm.c**

ID	Detail	Protection	Line	Col	Severity	Status	Comment
41358	Operations on variable 'SchM_Rm.msr_RM_EXCLUSIVE_AREA_00' do not interfere with each other.		119	23	Unset	Unreviewed	
41339	Operations on variable 'SchM_Rm.reentry_guard_RM_EXCLUSIVE_AREA_00' do not interfere with each other.		120	23	Unset	Unreviewed	
41342	Operations on variable 'SchM_Rm.msr_RM_EXCLUSIVE_AREA_01' do not interfere with each other.		121	23	Unset	Unreviewed	

ID	Detail	Protection	Line	Col	Severity	Status	Comment
41359	Operations on variable 'SchM_Rm.reentry_guard_RM_EXCLUSIVE_AREA_01' do not interfere with each other.		122	23	Unset	Unreviewed	
41353	Operations on variable 'SchM_Rm.msr_RM_EXCLUSIVE_AREA_02' do not interfere with each other.		123	23	Unset	Unreviewed	
41346	Operations on variable 'SchM_Rm.reentry_guard_RM_EXCLUSIVE_AREA_02' do not interfere with each other.		124	23	Unset	Unreviewed	
41336	Operations on variable 'SchM_Rm.msr_RM_EXCLUSIVE_AREA_03' do not interfere with each other.		125	23	Unset	Unreviewed	
41352	Operations on variable 'SchM_Rm.reentry_guard_RM_EXCLUSIVE_AREA_03' do not interfere with each other.		126	23	Unset	Unreviewed	
41345	Operations on variable 'SchM_Rm.msr_RM_EXCLUSIVE_AREA_04' do not interfere with each other.		127	23	Unset	Unreviewed	
41341	Operations on variable 'SchM_Rm.reentry_guard_RM_EXCLUSIVE_AREA_04' do not interfere with each other.		128	23	Unset	Unreviewed	
41355	Operations on variable 'SchM_Rm.msr_RM_EXCLUSIVE_AREA_05' do not interfere with each other.		129	23	Unset	Unreviewed	
41335	Operations on variable 'SchM_Rm.reentry_guard_RM_EXCLUSIVE_AREA_05' do not interfere with each other.		130	23	Unset	Unreviewed	
41337	Operations on variable 'SchM_Rm.msr_RM_EXCLUSIVE_AREA_06' do not interfere with each other.		131	23	Unset	Unreviewed	
41357	Operations on variable 'SchM_Rm.reentry_guard_RM_EXCLUSIVE_AREA_06' do not interfere with each other.		132	23	Unset	Unreviewed	
41348	Operations on variable 'SchM_Rm.msr_RM_EXCLUSIVE_AREA_07' do not interfere with each other.		133	23	Unset	Unreviewed	
41351	Operations on variable 'SchM_Rm.reentry_guard_RM_EXCLUSIVE_AREA_07' do not interfere with each other.		134	23	Unset	Unreviewed	
41334	Operations on variable 'SchM_Rm.msr_RM_EXCLUSIVE_AREA_08' do not interfere with each other.		135	23	Unset	Unreviewed	
41343	Operations on variable 'SchM_Rm.reentry_guard_RM_EXCLUSIVE_AREA_08' do not interfere with each other.		136	23	Unset	Unreviewed	
41340	Operations on variable 'SchM_Rm.msr_RM_EXCLUSIVE_AREA_09' do not interfere with each other.		137	23	Unset	Unreviewed	
41347	Operations on variable 'SchM_Rm.reentry_guard_RM_EXCLUSIVE_AREA_09' do not interfere with each other.		138	23	Unset	Unreviewed	
41356	Operations on variable 'SchM_Rm.msr_RM_EXCLUSIVE_AREA_10' do not interfere with each other.		139	23	Unset	Unreviewed	

ID	Detail	Protection	Line	Col	Severity	Status	Comment
41344	Operations on variable 'SchM_Rm.reentry_guard_RM_EXCLUSIVE_AREA_10' do not interfere with each other.		140	23	Unset	Unreviewed	
41338	Operations on variable 'SchM_Rm.msr_RM_EXCLUSIVE_AREA_11' do not interfere with each other.		141	23	Unset	Unreviewed	
41354	Operations on variable 'SchM_Rm.reentry_guard_RM_EXCLUSIVE_AREA_11' do not interfere with each other.		142	23	Unset	Unreviewed	
41349	Operations on variable 'SchM_Rm.msr_RM_EXCLUSIVE_AREA_12' do not interfere with each other.		143	23	Unset	Unreviewed	
41350	Operations on variable 'SchM_Rm.reentry_guard_RM_EXCLUSIVE_AREA_12' do not interfere with each other.		144	23	Unset	Unreviewed	

**Table 6.79. D:\Jessie\3\_NXP\S32DS\_S32K312EVBQ172\8\_I2C\_Master\_DMA\_FunctionTest\_RT3.0.0\S32K312\_I2C\_Master\_MCAL\RTD\src\SchM\_Uart.c**

ID	Detail	Protection	Line	Col	Severity	Status	Comment
41368	Operations on variable 'SchM_Uart.msr_UART_EXCLUSIVE_AREA_06' do not interfere with each other.		131	23	Unset	Unreviewed	
41366	Operations on variable 'SchM_Uart.reentry_guard_UART_EXCLUSIVE_AREA_06' do not interfere with each other.		132	23	Unset	Unreviewed	
41364	Operations on variable 'SchM_Uart.msr_UART_EXCLUSIVE_AREA_07' do not interfere with each other.		133	23	Unset	Unreviewed	
41377	Operations on variable 'SchM_Uart.reentry_guard_UART_EXCLUSIVE_AREA_07' do not interfere with each other.		134	23	Unset	Unreviewed	
41363	Operations on variable 'SchM_Uart.msr_UART_EXCLUSIVE_AREA_08' do not interfere with each other.		135	23	Unset	Unreviewed	
41365	Operations on variable 'SchM_Uart.reentry_guard_UART_EXCLUSIVE_AREA_08' do not interfere with each other.		136	23	Unset	Unreviewed	

**Table 6.80.**

**D:\Jessie\3\_NXP\S32DS\_S32K312EVBQ172\8\_I2C\_Master\_DMA\_FunctionTest\_RT3.0.0\S32K312\_I2C\_Master\_MCAL\RTD\src\Siul2\_Port\_Ip.c**

ID	Detail	Protection	Line	Col	Severity	Status	Comment
41378	Operations on variable 'Siul2_Port_Ip.pPort_Setting' do not interfere with each other.		190	47	Unset	Unreviewed	
41380	Operations on variable 'Siul2_Port_Ip.u32MaxPinConfigured' do not interfere with each other.		198	14	Unset	Unreviewed	

**Table 6.81. D:\Jessie\3\_NXP\S32DS\_S32K312EVBQ172\8\_I2C\_Master\_DMA\_FunctionTest\_RTD3.0.0\S32K312\_I2C\_Master\_MCAL\RTD\src\Uart\_Ipw.c**

ID	Detail	Protection	Line	Col	Severity	Status	Comment
41449	Operations on variable 'Uart_Ipw.Uart_Ipw_apChnConfig' do not interfere with each other.		164	29	Unset	Unreviewed	

**Table 6.82.**

**D:\Jessie\3\_NXP\S32DS\_S32K312EVBQ172\8\_I2C\_Master\_DMA\_FunctionTest\_RTD3.0.0\S32K312\_I2C\_Master\_MCAL\generate\src\Clock\_Ip\_PBcfg.c**

ID	Detail	Protection	Line	Col	Severity	Status	Comment
39700	Operations on variable 'Clock_Ip_PBcfg.Clock_Ip_IrcoscConfigurations_0' do not interfere with each other.		166	39	Unset	Unreviewed	
39698	Operations on variable 'Clock_Ip_PBcfg.Clock_Ip_XoscConfigurations_0' do not interfere with each other.		203	37	Unset	Unreviewed	
39696	Operations on variable 'Clock_Ip_PBcfg.Clock_Ip_PllConfigurations_0' do not interfere with each other.		237	36	Unset	Unreviewed	
39699	Operations on variable 'Clock_Ip_PBcfg.Clock_Ip_SelectorConfigurations_0' do not interfere with each other.		268	41	Unset	Unreviewed	
39691	Operations on variable 'Clock_Ip_PBcfg.Clock_Ip_DividerConfigurations_0' do not interfere with each other.		328	40	Unset	Unreviewed	
39694	Operations on variable 'Clock_Ip_PBcfg.Clock_Ip_DividerTriggerConfigurations_0' do not interfere with each other.		473	47	Unset	Unreviewed	
39695	Operations on variable 'Clock_Ip_PBcfg.Clock_Ip_GatesConfigurations_0' do not interfere with each other.		485	37	Unset	Unreviewed	
39693	Operations on variable 'Clock_Ip_PBcfg.Clock_Ip_CmuConfigurations_0' do not interfere with each other.		909	36	Unset	Unreviewed	
39697	Operations on variable 'Clock_Ip_PBcfg.Clock_Ip_ConfiguredFrequencyConfigurations_0' do not interfere with each other.		982	46	Unset	Unreviewed	
39692	Operations on variable 'Clock_Ip_PBcfg.Mcu_aClockConfigPB' do not interfere with each other.		1024	31	Unset	Unreviewed	

**Table 6.83.**

**D:\Jessie\3\_NXP\S32DS\_S32K312EVBQ172\8\_I2C\_Master\_DMA\_FunctionTest\_RTD3.0.0\S32K312\_I2C\_Master\_MCAL\generate\src\Dma\_Ip\_PBcfg.c**

ID	Detail	Protection	Line	Col	Severity	Status	Comment
40332	Operations on variable 'Dma_Ip_PBcfg.LogicInstance0ConfigPB_BOARD_INITPERIPHERALS' do not interfere with each other.		117	37	Unset	Unreviewed	

ID	Detail	Protection	Line	Col	Severity	Status	Comment
40318	Operations on variable 'Dma_Ip_PBcfg.HwChannel0StatePB_BOARD_INITPERIPHERALS' do not interfere with each other.		268	26	Unset	Unreviewed	
40315	Operations on variable 'Dma_Ip_PBcfg.HwChannel1StatePB_BOARD_INITPERIPHERALS' do not interfere with each other.		271	26	Unset	Unreviewed	
40330	Operations on variable 'Dma_Ip_PBcfg.Dma_Ip_paxHwChannelStateArrayPB_BOARD_INITPERIPHERALS' do not interfere with each other.		282	28	Unset	Unreviewed	
40324	Operations on variable 'Dma_Ip_PBcfg.Dma_Ip_xDmaInitPB_BOARD_INITPERIPHERALS' do not interfere with each other.		297	22	Unset	Unreviewed	

**Table 6.84.**

**D:\Jessie\3\_NXP\S32DS\_S32K312EVBQ172\8\_I2C\_Master\_DMA\_FunctionTest\_RTD3.0.0\S32K312\_I2C\_Master\_MCAL\generate\src\Gpt\_Ipw\_PBcfg.c**

ID	Detail	Protection	Line	Col	Severity	Status	Comment
40792	Operations on variable 'Gpt_Ipw_PBcfg.Gpt_Ipw_HwInstanceConfig_PB' do not interfere with each other.		163	29	Unset	Unreviewed	
40788	Operations on variable 'Gpt_Ipw_PBcfg.Gpt_Ipw_ChannelConfig_PB' do not interfere with each other.		181	28	Unset	Unreviewed	

**Table 6.85.**

**D:\Jessie\3\_NXP\S32DS\_S32K312EVBQ172\8\_I2C\_Master\_DMA\_FunctionTest\_RTD3.0.0\S32K312\_I2C\_Master\_MCAL\generate\src\Mcu\_PBcfg.c**

ID	Detail	Protection	Line	Col	Severity	Status	Comment
40973	Operations on variable 'Mcu_PBcfg.Mcu_PreCompileConfig' do not interfere with each other.		130	21	Unset	Unreviewed	

**Table 6.86.**

**D:\Jessie\3\_NXP\S32DS\_S32K312EVBQ172\8\_I2C\_Master\_DMA\_FunctionTest\_RTD3.0.0\S32K312\_I2C\_Master\_MCAL\generate\src\Power\_Ip\_PBcfg.c**

ID	Detail	Protection	Line	Col	Severity	Status	Comment
41054	Operations on variable 'Power_Ip_PBcfg.Power_Ip_aModeConfigPB' do not interfere with each other.		383	30	Unset	Unreviewed	
41045	Operations on variable 'Power_Ip_PBcfg.Power_Ip_MC_RGM_ConfigPB' do not interfere with each other.		409	40	Unset	Unreviewed	
41035	Operations on variable 'Power_Ip_PBcfg.Power_Ip_PMC_ConfigPB' do not interfere with each other.		436	37	Unset	Unreviewed	
41062	Operations on variable 'Power_Ip_PBcfg.Power_Ip_HwIPsConfigPB' do not interfere with each other.		452	31	Unset	Unreviewed	