Polyspace Code Verification

Coding Standards Report for Project: I2C_MCAL_FunctionTest_20250103

Report Author: Pega_User

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by Report Author: Pega_User

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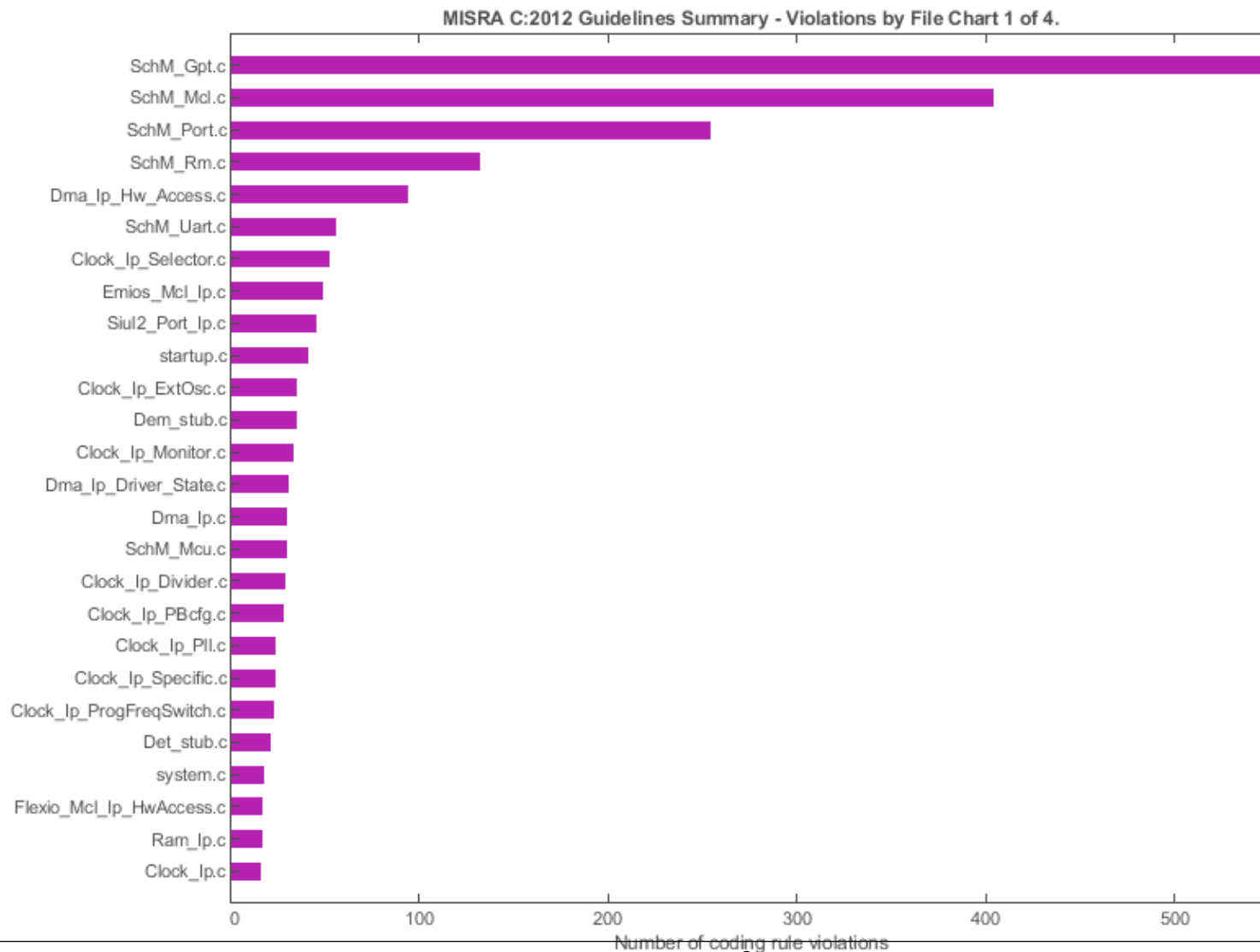
Result Folder(s):
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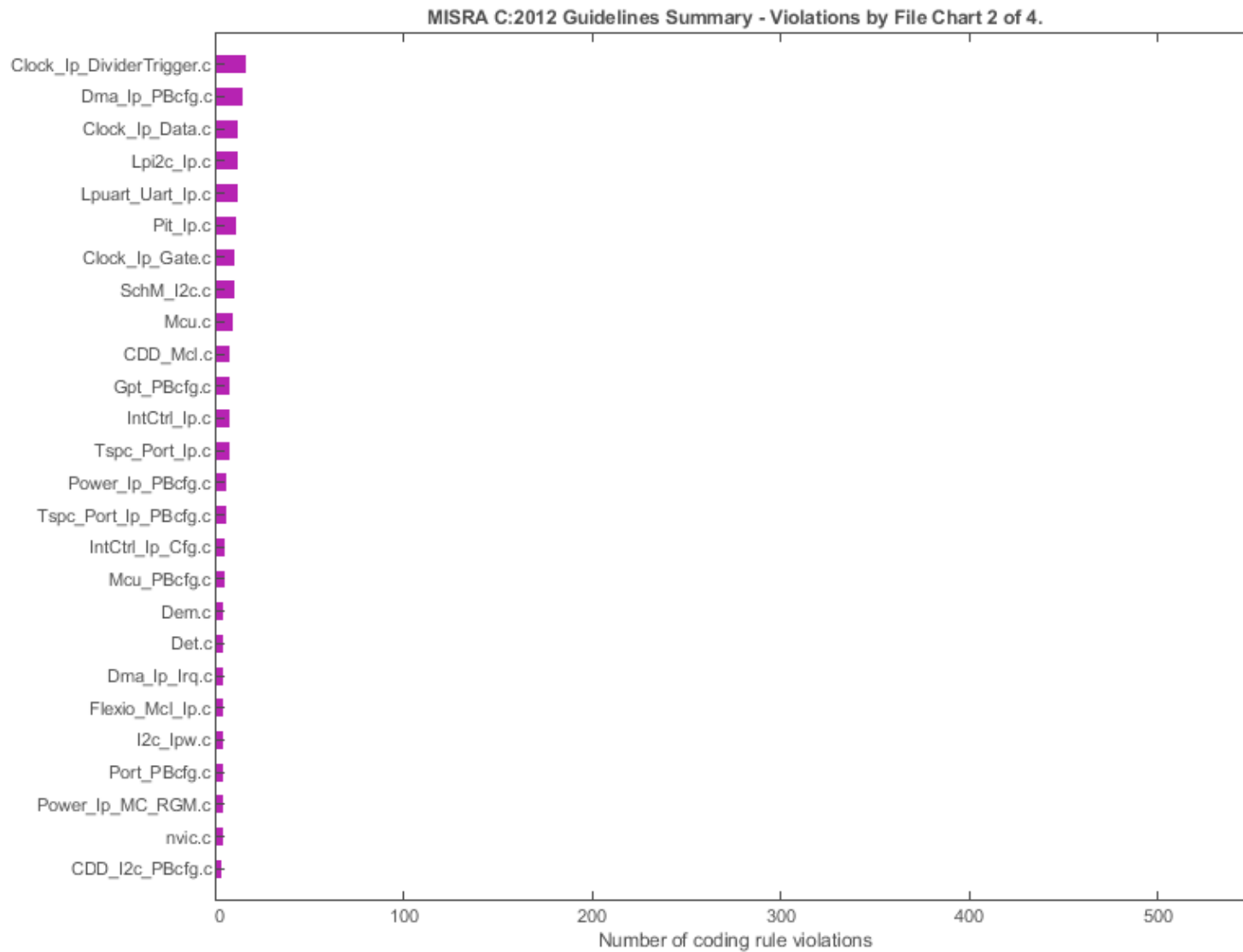
Table of Contents

Chapter 1. MISRA C:2012 Guidelines

MISRA C:2012 Guidelines Summary - Violations by File

MISRA C:2012 Guidelines Summary - Violations by File Chart 1 of 4.

Number of coding rule violations

File	Number of coding rule violations
Dma_Ip_Cfg.c	
Lpuart_Uart_Ip_PBcfg.c	
OsIf_Timer_System_Internal_Systick.c	
Port_Ipw.c	
CDD_Uart_PBcfg.c	
Clock_Ip_IntOsc.c	
Flexio_Uart_Ip.c	
Port.c	
Power_Ip_DCM_GPR.c	
Siul2_Port_Ip_PBcfg.c	
Uart_Ipw_PBcfg.c	
CDD_I2c.c	
CDD_Mcl_Cfg.c	
CDD_Mcl_PBcfg.c	
CDD_Rm_PBcfg.c	
CDD_Uart.c	
Dma_Ip_Multicore.c	
Dma_Mux_Ip_PBcfg.c	
Flexio_I2c_Ip_PBcfg.c	
Flexio_Uart_Ip_PBcfg.c	
Igf_Port_Ip.c	
Igf_Port_Ip_Cfg.c	
Igf_Port_Ip_PBcfg.c	
Lpi2c_Ip_PBcfg.c	
Mcu_Cfg.c	
Mcu_Dem_Wrapper.c	

Number of coding rule violations

Number of coding rule violations
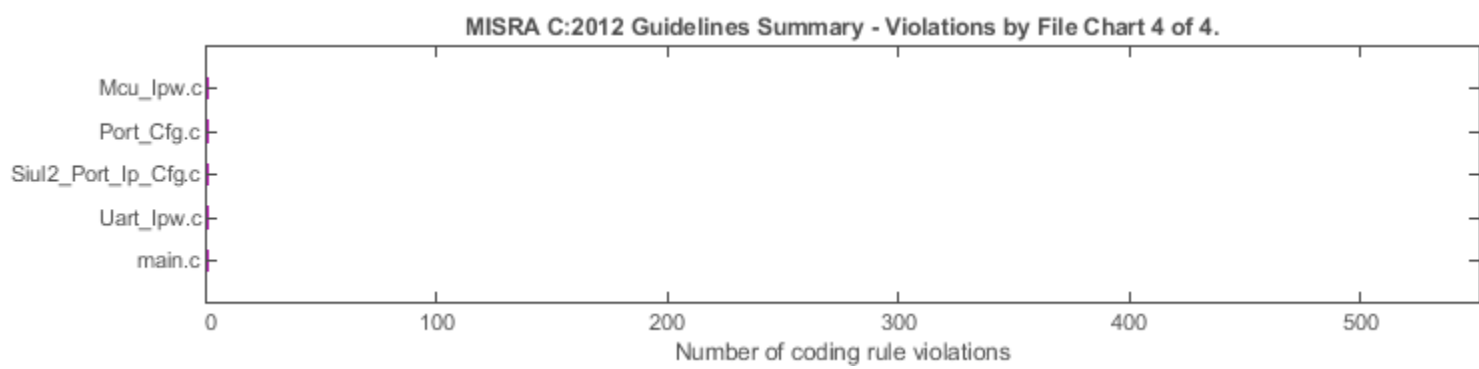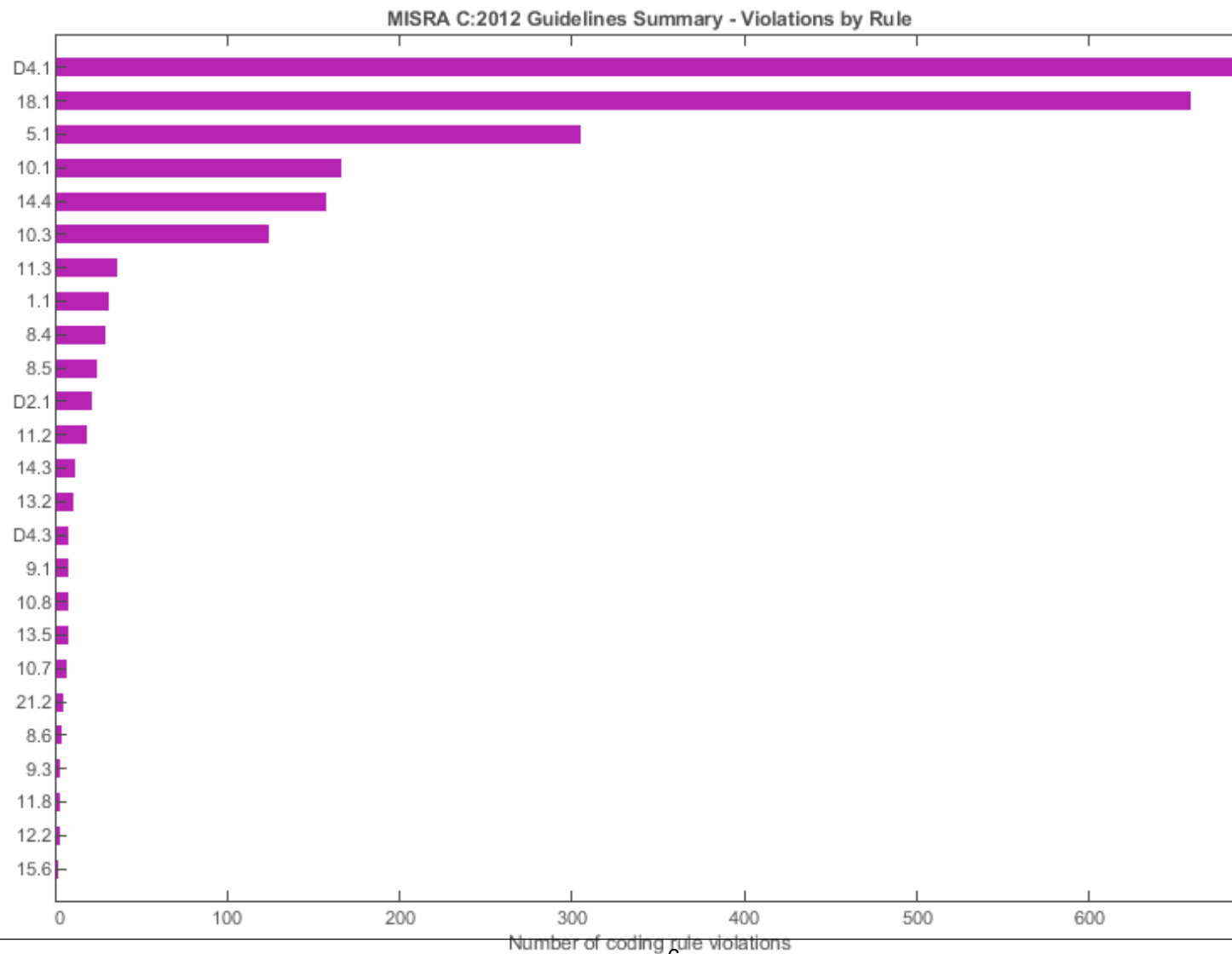
MISRA C:2012 Guidelines Summary - Violations by Rule

MISRA C:2012 Guidelines Summary - Violations by Rule

MISRA C:2012 Guidelines Summary for all Files

File	Total
D:\Jessie\3_NXP\S32DS_S32K312EVBQ172\8_I2C_Master_DMA_FunctionTest_RTD3.0.0\S32K312_I2C_Master_MCAL\Project_Settings\Startup_Code\exceptions.c	0
D:\Jessie\3_NXP\S32DS_S32K312EVBQ172\8_I2C_Master_DMA_FunctionTest_RTD3.0.0\S32K312_I2C_Master_MCAL\Project_Settings\Startup_Code\nvic.c	4
D:\Jessie\3_NXP\S32DS_S32K312EVBQ172\8_I2C_Master_DMA_FunctionTest_RTD3.0.0\S32K312_I2C_Master_MCAL\Project_Settings\Startup_Code\startup.c	41
D:\Jessie\3_NXP\S32DS_S32K312EVBQ172\8_I2C_Master_DMA_FunctionTest_RTD3.0.0\S32K312_I2C_Master_MCAL\Project_Settings\Startup_Code\system.c	18
D:\Jessie\3_NXP\S32DS_S32K312EVBQ172\8_I2C_Master_DMA_FunctionTest_RTD3.0.0\S32K312_I2C_Master_MCAL\RTD\src\Axbs_Ip.c	0
D:\Jessie\3_NXP\S32DS_S32K312EVBQ172\8_I2C_Master_DMA_FunctionTest_RTD3.0.0\S32K312_I2C_Master_MCAL\RTD\src\CDD_I2c.c	1
D:\Jessie\3_NXP\S32DS_S32K312EVBQ172\8_I2C_Master_DMA_FunctionTest_RTD3.0.0\S32K312_I2C_Master_MCAL\RTD\src\CDD_Mcl.c	7
D:\Jessie\3_NXP\S32DS_S32K312EVBQ172\8_I2C_Master_DMA_FunctionTest_RTD3.0.0\S32K312_I2C_Master_MCAL\RTD\src\CDD_Mcl_Ipw.c	0
D:\Jessie\3_NXP\S32DS_S32K312EVBQ172\8_I2C_Master_DMA_FunctionTest_RTD3.0.0\S32K312_I2C_Master_MCAL\RTD\src\CDD_Rm.c	0
D:\Jessie\3_NXP\S32DS_S32K312EVBQ172\8_I2C_Master_DMA_FunctionTest_RTD3.0.0\S32K312_I2C_Master_MCAL\RTD\src\CDD_Rm_Ipw.c	0
D:\Jessie\3_NXP\S32DS_S32K312EVBQ172\8_I2C_Master_DMA_FunctionTest_RTD3.0.0\S32K312_I2C_Master_MCAL\RTD\src\CDD_Uart.c	1
D:\Jessie\3_NXP\S32DS_S32K312EVBQ172\8_I2C_Master_DMA_FunctionTest_RTD3.0.0\S32K312_I2C_Master_MCAL\RTD\src\Cache_Ip.c	0
D:\Jessie\3_NXP\S32DS_S32K312EVBQ172\8_I2C_Master_DMA_FunctionTest_RTD3.0.0\S32K312_I2C_Master_MCAL\RTD\src\Cache_Ip_HwAcc_ArmCoreMx.c	0
D:\Jessie\3_NXP\S32DS_S32K312EVBQ172\8_I2C_Master_DMA_FunctionTest_RTD3.0.0\S32K312_I2C_Master_MCAL\RTD\src\Clock_Ip.c	16
D:\Jessie\3_NXP\S32DS_S32K312EVBQ172\8_I2C_Master_DMA_FunctionTest_RTD3.0.0\S32K312_I2C_Master_MCAL\RTD\src\Clock_Ip_Data.c	12
D:\Jessie\3_NXP\S32DS_S32K312EVBQ172\8_I2C_Master_DMA_FunctionTest_RTD3.0.0\S32K312_I2C_Master_MCAL\RTD\src\Clock_Ip_Divider.c	29
D:\Jessie\3_NXP\S32DS_S32K312EVBQ172\8_I2C_Master_DMA_FunctionTest_RTD3.0.0\S32K312_I2C_Master_MCAL\RTD\src\Clock_Ip_DividerTrigger.c	16
D:\Jessie\3_NXP\S32DS_S32K312EVBQ172\8_I2C_Master_DMA_FunctionTest_RTD3.0.0\S32K312_I2C_Master_MCAL\RTD\src\Clock_Ip_ExtOsc.c	35
D:\Jessie\3_NXP\S32DS_S32K312EVBQ172\8_I2C_Master_DMA_FunctionTest_RTD3.0.0\S32K312_I2C_Master_MCAL\RTD\src\Clock_Ip_FracDiv.c	0
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D:\Jessie\3_NXP\S32DS_S32K312EVBQ172\8_I2C_Master_DMA_FunctionTest_RTD3.0.0\S32K312_I2C_Master_MCAL\RTD\src\Clock_Ip_Irq.c	0
D:\Jessie\3_NXP\S32DS_S32K312EVBQ172\8_I2C_Master_DMA_FunctionTest_RTD3.0.0\S32K312_I2C_Master_MCAL\RTD\src\Clock_Ip_Monitor.c	33
D:\Jessie\3_NXP\S32DS_S32K312EVBQ172\8_I2C_Master_DMA_FunctionTest_RTD3.0.0\S32K312_I2C_Master_MCAL\RTD\src\Clock_Ip_Pll.c	24
D:\Jessie\3_NXP\S32DS_S32K312EVBQ172\8_I2C_Master_DMA_FunctionTest_RTD3.0.0\S32K312_I2C_Master_MCAL\RTD\src\Clock_Ip_ProgFreqSwitch.c	23
Total	**2327**

File	Total
D:\Jessie\3_NXP\S32DS_S32K312EVBQ172\8_I2C_Master_DMA_FunctionTest_RTD3.0.0\S32K312_I2C_Master_MCAL\RTD\src\Clock_Ip_Selector.c	52
D:\Jessie\3_NXP\S32DS_S32K312EVBQ172\8_I2C_Master_DMA_FunctionTest_RTD3.0.0\S32K312_I2C_Master_MCAL\RTD\src\Clock_Ip_Specific.c	24
D:\Jessie\3_NXP\S32DS_S32K312EVBQ172\8_I2C_Master_DMA_FunctionTest_RTD3.0.0\S32K312_I2C_Master_MCAL\RTD\src\Dem.c	4
D:\Jessie\3_NXP\S32DS_S32K312EVBQ172\8_I2C_Master_DMA_FunctionTest_RTD3.0.0\S32K312_I2C_Master_MCAL\RTD\src\Dem_stub.c	35
D:\Jessie\3_NXP\S32DS_S32K312EVBQ172\8_I2C_Master_DMA_FunctionTest_RTD3.0.0\S32K312_I2C_Master_MCAL\RTD\src\Det.c	4
D:\Jessie\3_NXP\S32DS_S32K312EVBQ172\8_I2C_Master_DMA_FunctionTest_RTD3.0.0\S32K312_I2C_Master_MCAL\RTD\src\Det_stub.c	21
D:\Jessie\3_NXP\S32DS_S32K312EVBQ172\8_I2C_Master_DMA_FunctionTest_RTD3.0.0\S32K312_I2C_Master_MCAL\RTD\src\Dma_Ip.c	30
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	31
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	94
D:\Jessie\3_NXP\S32DS_S32K312EVBQ172\8_I2C_Master_DMA_FunctionTest_RTD3.0.0\S32K312_I2C_Master_MCAL\RTD\src\Dma_Ip_Irq.c	4
D:\Jessie\3_NXP\S32DS_S32K312EVBQ172\8_I2C_Master_DMA_FunctionTest_RTD3.0.0\S32K312_I2C_Master_MCAL\RTD\src\Dma_Ip_Multicore.c	1
D:\Jessie\3_NXP\S32DS_S32K312EVBQ172\8_I2C_Master_DMA_FunctionTest_RTD3.0.0\S32K312_I2C_Master_MCAL\RTD\src\Dma_Mux_Ip.c	0
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D:\Jessie\3_NXP\S32DS_S32K312EVBQ172\8_I2C_Master_DMA_FunctionTest_RTD3.0.0\S32K312_I2C_Master_MCAL\RTD\src\Emios_Mcl_Ip.c	49
D:\Jessie\3_NXP\S32DS_S32K312EVBQ172\8_I2C_Master_DMA_FunctionTest_RTD3.0.0\S32K312_I2C_Master_MCAL\RTD\src\Emios_Mcl_Ip_Irq.c	0
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D:\Jessie\3_NXP\S32DS_S32K312EVBQ172\8_I2C_Master_DMA_FunctionTest_RTD3.0.0\S32K312_I2C_Master_MCAL\RTD\src\Flexio_Mcl_Ip_Irq.c	0
D:\Jessie\3_NXP\S32DS_S32K312EVBQ172\8_I2C_Master_DMA_FunctionTest_RTD3.0.0\S32K312_I2C_Master_MCAL\RTD\src\Flexio_Uart_Ip.c	2
D:\Jessie\3_NXP\S32DS_S32K312EVBQ172\8_I2C_Master_DMA_FunctionTest_RTD3.0.0\S32K312_I2C_Master_MCAL\RTD\src\Flexio_Uart_Ip_Irq.c	0
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D:\Jessie\3_NXP\S32DS_S32K312EVBQ172\8_I2C_Master_DMA_FunctionTest_RTD3.0.0\S32K312_I2C_Master_MCAL\RTD\src\Lcu_Ip.c	0
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D:\Jessie\3_NXP\S32DS_S32K312EVBQ172\8_I2C_Master_DMA_FunctionTest_RTD3.0.0\S32K312_I2C_Master_MCAL\RTD\src\Lcu_Ip_Irq.c	0
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Total	**2327**

File	Total
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D:\Jessie\3_NXP\S32DS_S32K312EVBQ172\8_I2C_Master_DMA_FunctionTest_RTD3.0.0\S32K312_I2C_Master_MCAL\RTD\src\Lpuart_Uart_Ip.c	12
D:\Jessie\3_NXP\S32DS_S32K312EVBQ172\8_I2C_Master_DMA_FunctionTest_RTD3.0.0\S32K312_I2C_Master_MCAL\RTD\src\Lpuart_Uart_Ip_Irq.c	0
D:\Jessie\3_NXP\S32DS_S32K312EVBQ172\8_I2C_Master_DMA_FunctionTest_RTD3.0.0\S32K312_I2C_Master_MCAL\RTD\src\Mcu.c	9
D:\Jessie\3_NXP\S32DS_S32K312EVBQ172\8_I2C_Master_DMA_FunctionTest_RTD3.0.0\S32K312_I2C_Master_MCAL\RTD\src\Mcu_Dem_Wrapper.c	1
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D:\Jessie\3_NXP\S32DS_S32K312EVBQ172\8_I2C_Master_DMA_FunctionTest_RTD3.0.0\S32K312_I2C_Master_MCAL\RTD\src\OsIf_Interrupts.c	0
D:\Jessie\3_NXP\S32DS_S32K312EVBQ172\8_I2C_Master_DMA_FunctionTest_RTD3.0.0\S32K312_I2C_Master_MCAL\RTD\src\OsIf_Timer.c	0
D:\Jessie\3_NXP\S32DS_S32K312EVBQ172\8_I2C_Master_DMA_FunctionTest_RTD3.0.0\S32K312_I2C_Master_MCAL\RTD\src\OsIf_Timer_System.c	0
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D:\Jessie\3_NXP\S32DS_S32K312EVBQ172\8_I2C_Master_DMA_FunctionTest_RTD3.0.0\S32K312_I2C_Master_MCAL\RTD\src\Pflash_Ip.c	0
D:\Jessie\3_NXP\S32DS_S32K312EVBQ172\8_I2C_Master_DMA_FunctionTest_RTD3.0.0\S32K312_I2C_Master_MCAL\RTD\src\Pit_Ip.c	11
D:\Jessie\3_NXP\S32DS_S32K312EVBQ172\8_I2C_Master_DMA_FunctionTest_RTD3.0.0\S32K312_I2C_Master_MCAL\RTD\src\Platform.c	0
D:\Jessie\3_NXP\S32DS_S32K312EVBQ172\8_I2C_Master_DMA_FunctionTest_RTD3.0.0\S32K312_I2C_Master_MCAL\RTD\src\Platform_Ipw.c	0
D:\Jessie\3_NXP\S32DS_S32K312EVBQ172\8_I2C_Master_DMA_FunctionTest_RTD3.0.0\S32K312_I2C_Master_MCAL\RTD\src\Port.c	2
D:\Jessie\3_NXP\S32DS_S32K312EVBQ172\8_I2C_Master_DMA_FunctionTest_RTD3.0.0\S32K312_I2C_Master_MCAL\RTD\src\Port_Ipw.c	3
D:\Jessie\3_NXP\S32DS_S32K312EVBQ172\8_I2C_Master_DMA_FunctionTest_RTD3.0.0\S32K312_I2C_Master_MCAL\RTD\src\Power_Ip.c	0
D:\Jessie\3_NXP\S32DS_S32K312EVBQ172\8_I2C_Master_DMA_FunctionTest_RTD3.0.0\S32K312_I2C_Master_MCAL\RTD\src\Power_Ip_AEC.c	0
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D:\Jessie\3_NXP\S32DS_S32K312EVBQ172\8_I2C_Master_DMA_FunctionTest_RTD3.0.0\S32K312_I2C_Master_MCAL\RTD\src\Power_Ip_FLASH.c	0
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	0
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	4
D:\Jessie\3_NXP\S32DS_S32K312EVBQ172\8_I2C_Master_DMA_FunctionTest_RTD3.0.0\S32K312_I2C_Master_MCAL\RTD\src\Power_Ip_MC_RGM_Irq.c	0
D:\Jessie\3_NXP\S32DS_S32K312EVBQ172\8_I2C_Master_DMA_FunctionTest_RTD3.0.0\S32K312_I2C_Master_MCAL\RTD\src\Power_Ip_PMC.c	0
D:\Jessie\3_NXP\S32DS_S32K312EVBQ172\8_I2C_Master_DMA_FunctionTest_RTD3.0.0\S32K312_I2C_Master_MCAL\RTD\src\Power_Ip_PMC_Irq.c	0
Total	**2327**

File	Total
D:\Jessie\3_NXP\S32DS_S32K312EVBQ172\8_I2C_Master_DMA_FunctionTest_RTD3.0.0\S32K312_I2C_Master_MCAL\RTD\src\Power_Ip_Private.c	0
D:\Jessie\3_NXP\S32DS_S32K312EVBQ172\8_I2C_Master_DMA_FunctionTest_RTD3.0.0\S32K312_I2C_Master_MCAL\RTD\src\Ram_Ip.c	17
D:\Jessie\3_NXP\S32DS_S32K312EVBQ172\8_I2C_Master_DMA_FunctionTest_RTD3.0.0\S32K312_I2C_Master_MCAL\RTD\src\Rtc_Ip.c	0
D:\Jessie\3_NXP\S32DS_S32K312EVBQ172\8_I2C_Master_DMA_FunctionTest_RTD3.0.0\S32K312_I2C_Master_MCAL\RTD\src\SchM_Gpt.c	552
D:\Jessie\3_NXP\S32DS_S32K312EVBQ172\8_I2C_Master_DMA_FunctionTest_RTD3.0.0\S32K312_I2C_Master_MCAL\RTD\src\SchM_I2c.c	10
D:\Jessie\3_NXP\S32DS_S32K312EVBQ172\8_I2C_Master_DMA_FunctionTest_RTD3.0.0\S32K312_I2C_Master_MCAL\RTD\src\SchM_Mcl.c	404
D:\Jessie\3_NXP\S32DS_S32K312EVBQ172\8_I2C_Master_DMA_FunctionTest_RTD3.0.0\S32K312_I2C_Master_MCAL\RTD\src\SchM_Mcu.c	30
D:\Jessie\3_NXP\S32DS_S32K312EVBQ172\8_I2C_Master_DMA_FunctionTest_RTD3.0.0\S32K312_I2C_Master_MCAL\RTD\src\SchM_Port.c	254
D:\Jessie\3_NXP\S32DS_S32K312EVBQ172\8_I2C_Master_DMA_FunctionTest_RTD3.0.0\S32K312_I2C_Master_MCAL\RTD\src\SchM_Rm.c	132
D:\Jessie\3_NXP\S32DS_S32K312EVBQ172\8_I2C_Master_DMA_FunctionTest_RTD3.0.0\S32K312_I2C_Master_MCAL\RTD\src\SchM_Uart.c	56
D:\Jessie\3_NXP\S32DS_S32K312EVBQ172\8_I2C_Master_DMA_FunctionTest_RTD3.0.0\S32K312_I2C_Master_MCAL\RTD\src\Sema42_Ip.c	0
D:\Jessie\3_NXP\S32DS_S32K312EVBQ172\8_I2C_Master_DMA_FunctionTest_RTD3.0.0\S32K312_I2C_Master_MCAL\RTD\src\Siul2_Port_Ip.c	45
D:\Jessie\3_NXP\S32DS_S32K312EVBQ172\8_I2C_Master_DMA_FunctionTest_RTD3.0.0\S32K312_I2C_Master_MCAL\RTD\src\Stm_Ip.c	0
D:\Jessie\3_NXP\S32DS_S32K312EVBQ172\8_I2C_Master_DMA_FunctionTest_RTD3.0.0\S32K312_I2C_Master_MCAL\RTD\src\System_Ip.c	0
D:\Jessie\3_NXP\S32DS_S32K312EVBQ172\8_I2C_Master_DMA_FunctionTest_RTD3.0.0\S32K312_I2C_Master_MCAL\RTD\src\Trgmux_Ip.c	0
D:\Jessie\3_NXP\S32DS_S32K312EVBQ172\8_I2C_Master_DMA_FunctionTest_RTD3.0.0\S32K312_I2C_Master_MCAL\RTD\src\Trgmux_Ip_HwAcc.c	0
D:\Jessie\3_NXP\S32DS_S32K312EVBQ172\8_I2C_Master_DMA_FunctionTest_RTD3.0.0\S32K312_I2C_Master_MCAL\RTD\src\Tspc_Port_Ip.c	7
D:\Jessie\3_NXP\S32DS_S32K312EVBQ172\8_I2C_Master_DMA_FunctionTest_RTD3.0.0\S32K312_I2C_Master_MCAL\RTD\src\Uart_Ipw.c	1
D:\Jessie\3_NXP\S32DS_S32K312EVBQ172\8_I2C_Master_DMA_FunctionTest_RTD3.0.0\S32K312_I2C_Master_MCAL\RTD\src\Virt_Wrapper_Ip.c	0
D:\Jessie\3_NXP\S32DS_S32K312EVBQ172\8_I2C_Master_DMA_FunctionTest_RTD3.0.0\S32K312_I2C_Master_MCAL\RTD\src\Xbic_Ip.c	0
D:\Jessie\3_NXP\S32DS_S32K312EVBQ172\8_I2C_Master_DMA_FunctionTest_RTD3.0.0\S32K312_I2C_Master_MCAL\RTD\src\Xrdc_Ip.c	0
D:\Jessie\3_NXP\S32DS_S32K312EVBQ172\8_I2C_Master_DMA_FunctionTest_RTD3.0.0\S32K312_I2C_Master_MCAL\board\Siul2_Port_Ip_Cfg.c	1
D:\Jessie\3_NXP\S32DS_S32K312EVBQ172\8_I2C_Master_DMA_FunctionTest_RTD3.0.0\S32K312_I2C_Master_MCAL\board\Siul2_Port_Ip_Cfg.h	0
D:\Jessie\3_NXP\S32DS_S32K312EVBQ172\8_I2C_Master_DMA_FunctionTest_RTD3.0.0\S32K312_I2C_Master_MCAL\board\Tspc_Port_Ip_Cfg.c	0
D:\Jessie\3_NXP\S32DS_S32K312EVBQ172\8_I2C_Master_DMA_FunctionTest_RTD3.0.0\S32K312_I2C_Master_MCAL\board\Tspc_Port_Ip_Cfg.h	0
D:\Jessie\3_NXP\S32DS_S32K312EVBQ172\8_I2C_Master_DMA_FunctionTest_RTD3.0.0\S32K312_I2C_Master_MCAL\generate\src\Axbs_Ip_PBcfg.c	0
D:\Jessie\3_NXP\S32DS_S32K312EVBQ172\8_I2C_Master_DMA_FunctionTest_RTD3.0.0\S32K312_I2C_Master_MCAL\generate\src\CDD_I2c_Cfg.c	0
D:\Jessie\3_NXP\S32DS_S32K312EVBQ172\8_I2C_Master_DMA_FunctionTest_RTD3.0.0\S32K312_I2C_Master_MCAL\generate\src\CDD_I2c_PBcfg.c	3
D:\Jessie\3_NXP\S32DS_S32K312EVBQ172\8_I2C_Master_DMA_FunctionTest_RTD3.0.0\S32K312_I2C_Master_MCAL\generate\src\CDD_Mcl_Cfg.c	1
D:\Jessie\3_NXP\S32DS_S32K312EVBQ172\8_I2C_Master_DMA_FunctionTest_RTD3.0.0\S32K312_I2C_Master_MCAL\generate\src\CDD_Mcl_PBcfg.c	1
Total	**2327**

File	Total
D:\Jessie\3_NXP\S32DS_S32K312EVBQ172\8_I2C_Master_DMA_FunctionTest_RTD3.0.0\S32K312_I2C_Master_MCAL\generate\src\CDD_Rm_Cfg.c	0
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	0
D:\Jessie\3_NXP\S32DS_S32K312EVBQ172\8_I2C_Master_DMA_FunctionTest_RTD3.0.0\S32K312_I2C_Master_MCAL\generate\src\CDD_Rm_PBcfg.c	1
D:\Jessie\3_NXP\S32DS_S32K312EVBQ172\8_I2C_Master_DMA_FunctionTest_RTD3.0.0\S32K312_I2C_Master_MCAL\generate\src\CDD_Uart_PBcfg.c	2
D:\Jessie\3_NXP\S32DS_S32K312EVBQ172\8_I2C_Master_DMA_FunctionTest_RTD3.0.0\S32K312_I2C_Master_MCAL\generate\src\Clock_Ip_Cfg.c	0
D:\Jessie\3_NXP\S32DS_S32K312EVBQ172\8_I2C_Master_DMA_FunctionTest_RTD3.0.0\S32K312_I2C_Master_MCAL\generate\src\Clock_Ip_PBcfg.c	28
D:\Jessie\3_NXP\S32DS_S32K312EVBQ172\8_I2C_Master_DMA_FunctionTest_RTD3.0.0\S32K312_I2C_Master_MCAL\generate\src\Dma_Ip_Cfg.c	3
D:\Jessie\3_NXP\S32DS_S32K312EVBQ172\8_I2C_Master_DMA_FunctionTest_RTD3.0.0\S32K312_I2C_Master_MCAL\generate\src\Dma_Ip_PBcfg.c	14
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	1
D:\Jessie\3_NXP\S32DS_S32K312EVBQ172\8_I2C_Master_DMA_FunctionTest_RTD3.0.0\S32K312_I2C_Master_MCAL\generate\src\Emios_Gpt_Ip_PBcfg.c	0
D:\Jessie\3_NXP\S32DS_S32K312EVBQ172\8_I2C_Master_DMA_FunctionTest_RTD3.0.0\S32K312_I2C_Master_MCAL\generate\src\Emios_Mcl_Ip_PBcfg.c	0
D:\Jessie\3_NXP\S32DS_S32K312EVBQ172\8_I2C_Master_DMA_FunctionTest_RTD3.0.0\S32K312_I2C_Master_MCAL\generate\src\Flexio_I2c_Ip_PBcfg.c	1
D:\Jessie\3_NXP\S32DS_S32K312EVBQ172\8_I2C_Master_DMA_FunctionTest_RTD3.0.0\S32K312_I2C_Master_MCAL\generate\src\Flexio_Mcl_Ip_PBcfg.c	0
D:\Jessie\3_NXP\S32DS_S32K312EVBQ172\8_I2C_Master_DMA_FunctionTest_RTD3.0.0\S32K312_I2C_Master_MCAL\generate\src\Flexio_Uart_Ip_PBcfg.c	1
D:\Jessie\3_NXP\S32DS_S32K312EVBQ172\8_I2C_Master_DMA_FunctionTest_RTD3.0.0\S32K312_I2C_Master_MCAL\generate\src\Gpt_Cfg.c	0
D:\Jessie\3_NXP\S32DS_S32K312EVBQ172\8_I2C_Master_DMA_FunctionTest_RTD3.0.0\S32K312_I2C_Master_MCAL\generate\src\Gpt_Ipw_PBcfg.c	0
D:\Jessie\3_NXP\S32DS_S32K312EVBQ172\8_I2C_Master_DMA_FunctionTest_RTD3.0.0\S32K312_I2C_Master_MCAL\generate\src\Gpt_PBcfg.c	7
D:\Jessie\3_NXP\S32DS_S32K312EVBQ172\8_I2C_Master_DMA_FunctionTest_RTD3.0.0\S32K312_I2C_Master_MCAL\generate\src\I2c_Ipw_PBcfg.c	0
D:\Jessie\3_NXP\S32DS_S32K312EVBQ172\8_I2C_Master_DMA_FunctionTest_RTD3.0.0\S32K312_I2C_Master_MCAL\generate\src\Igf_Port_Ip_Cfg.c	1
D:\Jessie\3_NXP\S32DS_S32K312EVBQ172\8_I2C_Master_DMA_FunctionTest_RTD3.0.0\S32K312_I2C_Master_MCAL\generate\src\Igf_Port_Ip_PBcfg.c	1
D:\Jessie\3_NXP\S32DS_S32K312EVBQ172\8_I2C_Master_DMA_FunctionTest_RTD3.0.0\S32K312_I2C_Master_MCAL\generate\src\IntCtrl_Ip_Cfg.c	5
D:\Jessie\3_NXP\S32DS_S32K312EVBQ172\8_I2C_Master_DMA_FunctionTest_RTD3.0.0\S32K312_I2C_Master_MCAL\generate\src\Lcu_Ip_Cfg.c	0
D:\Jessie\3_NXP\S32DS_S32K312EVBQ172\8_I2C_Master_DMA_FunctionTest_RTD3.0.0\S32K312_I2C_Master_MCAL\generate\src\Lcu_Ip_PBcfg.c	0
D:\Jessie\3_NXP\S32DS_S32K312EVBQ172\8_I2C_Master_DMA_FunctionTest_RTD3.0.0\S32K312_I2C_Master_MCAL\generate\src\Lpi2c_Ip_PBcfg.c	1
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	3
D:\Jessie\3_NXP\S32DS_S32K312EVBQ172\8_I2C_Master_DMA_FunctionTest_RTD3.0.0\S32K312_I2C_Master_MCAL\generate\src\Mcu_Cfg.c	1
D:\Jessie\3_NXP\S32DS_S32K312EVBQ172\8_I2C_Master_DMA_FunctionTest_RTD3.0.0\S32K312_I2C_Master_MCAL\generate\src\Mcu_PBcfg.c	5
D:\Jessie\3_NXP\S32DS_S32K312EVBQ172\8_I2C_Master_DMA_FunctionTest_RTD3.0.0\S32K312_I2C_Master_MCAL\generate\src\Mpu_M7_Ip_Cfg.c	0
D:\Jessie\3_NXP\S32DS_S32K312EVBQ172\8_I2C_Master_DMA_FunctionTest_RTD3.0.0\S32K312_I2C_Master_MCAL\generate\src\Mscm_Ip_PBcfg.c	0
D:\Jessie\3_NXP\S32DS_S32K312EVBQ172\8_I2C_Master_DMA_FunctionTest_RTD3.0.0\S32K312_I2C_Master_MCAL\generate\src\OsIf_Cfg.c	0
Total	**2327**

File	Total
D:\Jessie\3_NXP\S32DS_S32K312EVBQ172\8_I2C_Master_DMA_FunctionTest_RTD3.0.0\S32K312_I2C_Master_MCAL\generate\src\Pflash_Ip_Cfg.c	0
D:\Jessie\3_NXP\S32DS_S32K312EVBQ172\8_I2C_Master_DMA_FunctionTest_RTD3.0.0\S32K312_I2C_Master_MCAL\generate\src\Pflash_Ip_PBcfg.c	0
D:\Jessie\3_NXP\S32DS_S32K312EVBQ172\8_I2C_Master_DMA_FunctionTest_RTD3.0.0\S32K312_I2C_Master_MCAL\generate\src\Pit_Ip_PBcfg.c	0
D:\Jessie\3_NXP\S32DS_S32K312EVBQ172\8_I2C_Master_DMA_FunctionTest_RTD3.0.0\S32K312_I2C_Master_MCAL\generate\src\Platform_Cfg.c	0
D:\Jessie\3_NXP\S32DS_S32K312EVBQ172\8_I2C_Master_DMA_FunctionTest_RTD3.0.0\S32K312_I2C_Master_MCAL\generate\src\Platform_Ipw_Cfg.c	0
D:\Jessie\3_NXP\S32DS_S32K312EVBQ172\8_I2C_Master_DMA_FunctionTest_RTD3.0.0\S32K312_I2C_Master_MCAL\generate\src\Port_Cfg.c	1
D:\Jessie\3_NXP\S32DS_S32K312EVBQ172\8_I2C_Master_DMA_FunctionTest_RTD3.0.0\S32K312_I2C_Master_MCAL\generate\src\Port_PBcfg.c	4
D:\Jessie\3_NXP\S32DS_S32K312EVBQ172\8_I2C_Master_DMA_FunctionTest_RTD3.0.0\S32K312_I2C_Master_MCAL\generate\src\Power_Ip_Cfg.c	0
D:\Jessie\3_NXP\S32DS_S32K312EVBQ172\8_I2C_Master_DMA_FunctionTest_RTD3.0.0\S32K312_I2C_Master_MCAL\generate\src\Power_Ip_PBcfg.c	6
D:\Jessie\3_NXP\S32DS_S32K312EVBQ172\8_I2C_Master_DMA_FunctionTest_RTD3.0.0\S32K312_I2C_Master_MCAL\generate\src\Ram_Ip_Cfg.c	0
D:\Jessie\3_NXP\S32DS_S32K312EVBQ172\8_I2C_Master_DMA_FunctionTest_RTD3.0.0\S32K312_I2C_Master_MCAL\generate\src\Ram_Ip_PBcfg.c	0
D:\Jessie\3_NXP\S32DS_S32K312EVBQ172\8_I2C_Master_DMA_FunctionTest_RTD3.0.0\S32K312_I2C_Master_MCAL\generate\src\Rtc_Ip_PBcfg.c	0
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	2
D:\Jessie\3_NXP\S32DS_S32K312EVBQ172\8_I2C_Master_DMA_FunctionTest_RTD3.0.0\S32K312_I2C_Master_MCAL\generate\src\Stm_Ip_PBcfg.c	0
D:\Jessie\3_NXP\S32DS_S32K312EVBQ172\8_I2C_Master_DMA_FunctionTest_RTD3.0.0\S32K312_I2C_Master_MCAL\generate\src\Trgmux_Ip_Cfg.c	0
D:\Jessie\3_NXP\S32DS_S32K312EVBQ172\8_I2C_Master_DMA_FunctionTest_RTD3.0.0\S32K312_I2C_Master_MCAL\generate\src\Trgmux_Ip_PBcfg.c	0
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	6
D:\Jessie\3_NXP\S32DS_S32K312EVBQ172\8_I2C_Master_DMA_FunctionTest_RTD3.0.0\S32K312_I2C_Master_MCAL\generate\src\Uart_Ipw_PBcfg.c	2
D:\Jessie\3_NXP\S32DS_S32K312EVBQ172\8_I2C_Master_DMA_FunctionTest_RTD3.0.0\S32K312_I2C_Master_MCAL\generate\src\Virt_Wrapper_Ip_PBcfg.c	0
D:\Jessie\3_NXP\S32DS_S32K312EVBQ172\8_I2C_Master_DMA_FunctionTest_RTD3.0.0\S32K312_I2C_Master_MCAL\generate\src\Xbic_Ip_PBcfg.c	0
D:\Jessie\3_NXP\S32DS_S32K312EVBQ172\8_I2C_Master_DMA_FunctionTest_RTD3.0.0\S32K312_I2C_Master_MCAL\generate\src\Xrdc_Ip_Cfg.c	0
D:\Jessie\3_NXP\S32DS_S32K312EVBQ172\8_I2C_Master_DMA_FunctionTest_RTD3.0.0\S32K312_I2C_Master_MCAL\generate\src\Xrdc_Ip_PBcfg.c	0
D:\Jessie\3_NXP\S32DS_S32K312EVBQ172\8_I2C_Master_DMA_FunctionTest_RTD3.0.0\S32K312_I2C_Master_MCAL\src\main.c	1
Total	**2327**

MISRA C:2012 Guidelines Summary for Enabled Guidelines

Guideline	Description	Mode	Total
D1.1	Any implementation-defined behaviour on which the output of the program depends shall be documented and understood.	required	0
Total			**2327**

Guideline	Description	Mode	Total
D2.1	All source files shall compile without any compilation errors.	required	21
D4.1	Run-time failures shall be minimized.	required	690
D4.3	Assembly language shall be encapsulated and isolated.	required	7
D4.10	Precautions shall be taken in order to prevent the contents of a header file being included more than once.	required	0
D4.11	The validity of values passed to library functions shall be checked.	required	0
D4.12	Dynamic memory allocation shall not be used.	required	0
1.1	The program shall contain no violations of the standard C syntax and constraints, and shall not exceed the implementation's translation limits.	required	31
1.3	There shall be no occurrence of undefined or critical unspecified behaviour.	required	0
2.1	A project shall not contain unreachable code.	required	0
2.2	There shall be no dead code.	required	0
3.1	The character sequences /* and // shall not be used within a comment.	required	0
3.2	Line-splicing shall not be used in // comments.	required	0
4.1	Octal and hexadecimal escape sequences shall be terminated.	required	0
5.1	External identifiers shall be distinct.	required	304
5.2	Identifiers declared in the same scope and name space shall be distinct.	required	0
5.3	An identifier declared in an inner scope shall not hide an identifier declared in an outer scope.	required	0
5.4	Macro identifiers shall be distinct.	required	0
5.5	Identifiers shall be distinct from macro names.	required	0
5.6	A typedef name shall be a unique identifier.	required	0
5.7	A tag name shall be a unique identifier.	required	0
5.8	Identifiers that define objects or functions with external linkage shall be unique.	required	0
6.1	Bit-fields shall only be declared with an appropriate type.	required	0
6.2	Single-bit named bit fields shall not be of a signed type.	required	0
7.1	Octal constants shall not be used.	required	0
7.2	A "u" or "U" suffix shall be applied to all integer constants that are represented in an unsigned type.	required	0
7.3	The lowercase character "l" shall not be used in a literal suffix.	required	0
7.4	A string literal shall not be assigned to an object unless the object's type is "pointer to const-qualified char".	required	0
8.1	Types shall be explicitly specified.	required	0
8.2	Function types shall be in prototype form with named parameters.	required	0
Total			**2327**

Guideline	Description	Mode	Total
8.3	All declarations of an object or function shall use the same names and type qualifiers.	required	0
8.4	A compatible declaration shall be visible when an object or function with external linkage is defined.	required	29
8.5	An external object or function shall be declared once in one and only one file.	required	24
8.6	An identifier with external linkage shall have exactly one external definition.	required	3
8.8	The static storage class specifier shall be used in all declarations of objects and functions that have internal linkage.	required	0
8.10	An inline function shall be declared with the static storage class.	required	0
8.12	Within an enumerator list, the value of an implicitly-specified enumeration constant shall be unique.	required	0
8.14	The restrict type qualifier shall not be used.	required	0
9.1	The value of an object with automatic storage duration shall not be read before it has been set.	mandatory	7
9.2	The initializer for an aggregate or union shall be enclosed in braces.	required	0
9.3	Arrays shall not be partially initialized.	required	2
9.4	An element of an object shall not be initialized more than once.	required	0
9.5	Where designated initializers are used to initialize an array object the size of the array shall be specified explicitly.	required	0
10.1	Operands shall not be of an inappropriate essential type.	required	166
10.2	Expressions of essentially character type shall not be used inappropriately in addition and subtraction operations.	required	0
10.3	The value of an expression shall not be assigned to an object with a narrower essential type or of a different essential type category.	required	124
10.4	Both operands of an operator in which the usual arithmetic conversions are performed shall have the same essential type category.	required	0
10.6	The value of a composite expression shall not be assigned to an object with wider essential type.	required	0
10.7	If a composite expression is used as one operand of an operator in which the usual arithmetic conversions are performed then the other operand shall not have wider essential type.	required	6
10.8	The value of a composite expression shall not be cast to a different essential type category or a wider essential type.	required	7
11.1	Conversions shall not be performed between a pointer to a function and any other type.	required	0
11.2	Conversions shall not be performed between a pointer to an incomplete type and any other type.	required	18
11.3	A cast shall not be performed between a pointer to object type and a pointer to a different object type.	required	36
11.6	A cast shall not be performed between pointer to void and an arithmetic type.	required	0
11.7	A cast shall not be performed between pointer to object and a non-integer arithmetic type.	required	0
11.8	A cast shall not remove any const or volatile qualification from the type pointed to by a pointer.	required	2
11.9	The macro NULL shall be the only permitted form of integer null pointer constant.	required	0
Total			**2327**

Guideline	Description	Mode	Total
12.2	The right hand operand of a shift operator shall lie in the range zero to one less than the width in bits of the essential type of the left hand operand.	required	2
12.5	The sizeof operator shall not have an operand which is a function parameter declared as "array of type".	mandatory	0
13.1	Initializer lists shall not contain persistent side effects.	required	0
13.2	The value of an expression and its persistent side effects shall be the same under all permitted evaluation orders.	required	10
13.5	The right hand operand of a logical && or || operator shall not contain persistent side effects.	required	7
13.6	The operand of the sizeof operator shall not contain any expression which has potential side effects.	mandatory	0
14.1	A loop counter shall not have essentially floating type.	required	0
14.2	A for loop shall be well-formed.	required	0
14.3	Controlling expressions shall not be invariant.	required	11
14.4	The controlling expression of an if statement and the controlling expression of an iteration-statement shall have essentially Boolean type.	required	157
15.2	The goto statement shall jump to a label declared later in the same function.	required	0
15.3	Any label referenced by a goto statement shall be declared in the same block, or in any block enclosing the goto statement.	required	0
15.6	The body of an iteration-statement or a selection-statement shall be a compound-statement.	required	1
15.7	All if ... else if constructs shall be terminated with an else statement.	required	0
16.1	All switch statements shall be well-formed.	required	0
16.2	A switch label shall only be used when the most closely-enclosing compound statement is the body of a switch statement.	required	0
16.3	An unconditional break statement shall terminate every switch-clause.	required	0
16.4	Every switch statement shall have a default label.	required	0
16.5	A default label shall appear as either the first or the last switch label of a switch statement.	required	0
16.6	Every switch statement shall have at least two switch-clauses.	required	0
16.7	A switch-expression shall not have essentially Boolean type.	required	0
17.1	The features of <stdarg.h> shall not be used.	required	0
17.2	Functions shall not call themselves, either directly or indirectly.	required	0
17.3	A function shall not be declared implicitly.	mandatory	0
17.4	All exit paths from a function with non-void return type shall have an explicit return statement with an expression.	mandatory	0
17.6	The declaration of an array parameter shall not contain the static keyword between the [ ].	mandatory	0
17.7	The value returned by a function having non-void return type shall be used.	required	0
18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand.	required	658
Total			**2327**

Guideline	Description	Mode	Total
18.2	Subtraction between pointers shall only be applied to pointers that address elements of the same array.	required	0
18.3	The relational operators >, >=, < and <= shall not be applied to objects of pointer type except where they point into the same object.	required	0
18.6	The address of an object with automatic storage shall not be copied to another object that persists after the first object has ceased to exist.	required	0
18.7	Flexible array members shall not be declared.	required	0
18.8	Variable-length array types shall not be used.	required	0
19.1	An object shall not be assigned or copied to an overlapping object.	mandatory	0
20.2	The ', " or \ characters and the /* or // character sequences shall not occur in a header file name.	required	0
20.3	The #include directive shall be followed by either a <filename> or "filename"sequence.	required	0
20.4	A macro shall not be defined with the same name as a keyword.	required	0
20.6	Tokens that look like a preprocessing directive shall not occur within a macro argument.	required	0
20.7	Expressions resulting from the expansion of macro parameters shall be enclosed in parentheses.	required	0
20.8	The controlling expression of a #if or #elif preprocessing directive shall evaluate to 0 or 1.	required	0
20.9	All identifiers used in the controlling expression of #if or #elif preprocessing directives shall be #define'd before evaluation.	required	0
20.11	A macro parameter immediately following a # operator shall not immediately be followed by a ## operator.	required	0
20.12	A macro parameter used as an operand to the # or ## operators, which is itself subject to further macro replacement, shall only be used as an operand to these operators.	required	0
20.13	A line whose first token is # shall be a valid preprocessing directive.	required	0
20.14	All #else, #elif and #endif preprocessor directives shall reside in the same file as the #if, #ifdef or #ifndef directive to which they are related.	required	0
21.1	#define and #undef shall not be used on a reserved identifier or reserved macro name.	required	0
21.2	A reserved identifier or macro name shall not be declared.	required	4
21.3	The memory allocation and deallocation functions of <stdlib.h> shall not be used.	required	0
21.4	The standard header file <setjmp.h> shall not be used.	required	0
21.5	The standard header file <signal.h> shall not be used.	required	0
21.6	The Standard Library input/output functions shall not be used.	required	0
21.7	The atof, atoi, atol, and atoll functions of <stdlib.h> shall not be used.	required	0
21.8	The library functions abort, exit and system of <stdlib.h> shall not be used.	required	0
21.9	The library functions bsearch and qsort of <stdlib.h> shall not be used.	required	0
21.10	The Standard Library time and date functions shall not be used.	required	0
Total			**2327**

Guideline	Description	Mode	Total
21.11	The standard header file <tgmath.h> shall not be used.	required	0
21.15	The pointer arguments to the Standard Library functions memcpy, memmove and memcmp shall be pointers to qualified or unq ualified versions of compatible types.	required	0
21.16	The pointer arguments to the Standard Library function memcmp shall point to either a pointer type, an essentially signed type, an essentially unsigned type, an essentially Boolean type or an essentially enum type.	required	0
22.5	A pointer to a FILE object shall not be dereferenced.	mandatory	0
Total			**2327**

MISRA C:2012 Guidelines Violations

**Table 1.1.
D:\Jessie\3_NXP\S32DS_S32K312EVBQ172\8_I2C_Master_DMA_FunctionTest_RTD3.0.0\S32K312_I2C_Master_MCAL\Project_Settings\Startup_Code\nvic.c**

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
631	D2.1	All source files shall compile without any compilation err ors. Identifier "S32_SCB" is undefined	NVIC_SetPriorityGrouping( )	96	4	No	Unset	Unreviewed	
632	D2.1	All source files shall compile without any compilation err ors. Identifier "S32_NVIC" is undefined	NVIC_EnableIRQ()	107	4	No	Unset	Unreviewed	
633	D2.1	All source files shall compile without any compilation err ors. Identifier "S32_NVIC" is undefined	NVIC_DisableIRQ()	118	4	No	Unset	Unreviewed	
634	D2.1	All source files shall compile without any compilation err ors. Identifier "S32_NVIC" is undefined	NVIC_SetPriority()	131	4	No	Unset	Unreviewed	

**Table 1.2.
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	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
635	8.5	An external object or function shall be declared once in o ne and only one file.	File Scope	52	14	No	Unset	Unreviewed	

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
		Variable '__INIT_TABLE' that has external linkage should be declared in a header file.							
640	21.2	A reserved identifier or macro name shall not be declared. The identifier '__INIT_TABLE' shall not be declared.	File Scope	52	14	No	Unset	Unreviewed	
17822	8.6	An identifier with external linkage shall have exactly one external definition. undefined global variable '__INIT_TABLE'	File Scope	52	14	No	Unset	Unreviewed	
647	21.2	A reserved identifier or macro name shall not be declared. The identifier '__ZERO_TABLE' shall not be declared.	File Scope	53	14	No	Unset	Unreviewed	
650	8.5	An external object or function shall be declared once in one and only one file. Variable '__ZERO_TABLE' that has external linkage should be declared in a header file.	File Scope	53	14	No	Unset	Unreviewed	
17824	8.6	An identifier with external linkage shall have exactly one external definition. undefined global variable '__ZERO_TABLE'	File Scope	53	14	No	Unset	Unreviewed	
639	8.5	An external object or function shall be declared once in one and only one file. Variable '__INDEX_COPY_CORE2' that has external linkage should be declared in a header file.	File Scope	54	14	No	Unset	Unreviewed	
641	21.2	A reserved identifier or macro name shall not be declared. The identifier '__INDEX_COPY_CORE2' shall not be declared.	File Scope	54	14	No	Unset	Unreviewed	
17823	8.6	An identifier with external linkage shall have exactly one external definition. undefined global variable '__INDEX_COPY_CORE2'	File Scope	54	14	No	Unset	Unreviewed	
644	21.2	A reserved identifier or macro name shall not be declared. The identifier '__VECTOR_RAM' shall not be declared.	File Scope	58	18	No	Unset	Unreviewed	
645	8.5	An external object or function shall be declared once in one and only one file. Variable '__VECTOR_RAM' that has external linkage should be declared in a header file.	File Scope	58	18	No	Unset	Unreviewed	
636	11.3	A cast shall not be performed between a pointer to object type and a pointer to a different object type.	init_data_bss()	112	46	No	Unset	Unreviewed	

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
646	10.3	The value of an expression shall not be assigned to an object with a narrower essential type or of a different essential type category. The expression (of essential type unsigned on 16 bits) is assigned to an object with a narrower essential type (unsigned on 8 bits)	init_data_bss()	119	16	No	Unset	Unreviewed	
638	10.3	The value of an expression shall not be assigned to an object with a narrower essential type or of a different essential type category. The expression (of essential type unsigned on 32 bits) is assigned to an object with a narrower essential type (unsigned on 16 bits)	init_data_bss()	120	14	No	Unset	Unreviewed	
41471	D4.1	Run-time failures shall be minimized. Warning: pointer may be outside its bounds	init_data_bss()	122	15	No	Unset	Unreviewed	
41472	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: pointer may be outside its bounds	init_data_bss()	122	15	No	Unset	Unreviewed	
41473	D4.1	Run-time failures shall be minimized. Warning: pointer may be outside its bounds	init_data_bss()	122	24	No	Unset	Unreviewed	
41474	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: pointer may be outside its bounds	init_data_bss()	122	24	No	Unset	Unreviewed	
652	11.8	A cast shall not remove any const or volatile qualification from the type pointed to by a pointer. Cast from type 'const uint32 *' to type 'uint8 *' removes qualifiers.	init_data_bss()	125	15	No	Unset	Unreviewed	
41475	D4.1	Run-time failures shall be minimized. Warning: pointer may be outside its bounds	init_data_bss()	129	16	No	Unset	Unreviewed	
41476	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: pointer may be outside its bounds	init_data_bss()	129	16	No	Unset	Unreviewed	
41477	D4.1	Run-time failures shall be minimized. Warning: pointer may be outside its bounds	init_data_bss()	129	26	No	Unset	Unreviewed	
41478	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: pointer may be outside its bounds	init_data_bss()	129	26	No	Unset	Unreviewed	

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
642	11.3	A cast shall not be performed between a pointer to object type and a pointer to a different object type.	init_data_bss()	136	46	No	Unset	Unreviewed	
637	10.3	The value of an expression shall not be assigned to an object with a narrower essential type or of a different essential type category. The expression (of essential type unsigned on 32 bits) is assigned to an object with a narrower essential type (unsigned on 16 bits)	init_data_bss()	142	14	No	Unset	Unreviewed	
41479	D4.1	Run-time failures shall be minimized. Warning: pointer may be outside its bounds	init_data_bss()	144	15	No	Unset	Unreviewed	
41480	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: pointer may be outside its bounds	init_data_bss()	144	15	No	Unset	Unreviewed	
41491	D4.1	Run-time failures shall be minimized. Warning: pointer may be outside its bounds	init_data_bss()	150	15	No	Unset	Unreviewed	
41492	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: pointer may be outside its bounds	init_data_bss()	150	15	No	Unset	Unreviewed	
643	11.3	A cast shall not be performed between a pointer to object type and a pointer to a different object type.	init_data_bss_core2()	173	46	No	Unset	Unreviewed	
648	10.3	The value of an expression shall not be assigned to an object with a narrower essential type or of a different essential type category. The expression (of essential type unsigned on 16 bits) is assigned to an object with a narrower essential type (unsigned on 8 bits)	init_data_bss_core2()	180	16	No	Unset	Unreviewed	
649	10.3	The value of an expression shall not be assigned to an object with a narrower essential type or of a different essential type category. The expression (of essential type unsigned on 32 bits) is assigned to an object with a narrower essential type (unsigned on 16 bits)	init_data_bss_core2()	181	14	No	Unset	Unreviewed	
41533	D4.1	Run-time failures shall be minimized. Warning: pointer may be outside its bounds	init_data_bss_core2()	183	15	No	Unset	Unreviewed	
41534	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: pointer may be outside its bounds	init_data_bss_core2()	183	15	No	Unset	Unreviewed	

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
41535	D4.1	Run-time failures shall be minimized. Warning: pointer may be outside its bounds	init_data_bss_core2()	183	24	No	Unset	Unreviewed	
41536	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: pointer may be outside its bounds	init_data_bss_core2()	183	24	No	Unset	Unreviewed	
651	11.8	A cast shall not remove any const or volatile qualification from the type pointed to by a pointer. Cast from type 'const uint32 *' to type 'uint8 *' removes qualifiers.	init_data_bss_core2()	185	15	No	Unset	Unreviewed	
41551	D4.1	Run-time failures shall be minimized. Warning: pointer may be outside its bounds	init_data_bss_core2()	189	16	No	Unset	Unreviewed	
41552	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: pointer may be outside its bounds	init_data_bss_core2()	189	16	No	Unset	Unreviewed	
41553	D4.1	Run-time failures shall be minimized. Warning: pointer may be outside its bounds	init_data_bss_core2()	189	26	No	Unset	Unreviewed	
41554	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: pointer may be outside its bounds	init_data_bss_core2()	189	26	No	Unset	Unreviewed	

**Table 1.3.
D:\Jessie\3_NXP\S32DS_S32K312EVBQ172\8_I2C_Master_DMA_FunctionTest_RTD3.0.0\S32K312_I2C_Master_MCAL\Project_Settings\Startup_Code\system.c**

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
663	8.5	An external object or function shall be declared once in one and only one file. Variable '__INT_ITCM_START' that has external linkage should be declared in a header file.	File Scope	124	15	No	Unset	Unreviewed	
661	8.5	An external object or function shall be declared once in one and only one file. Variable '__ROM_CODE_START' that has external linkage should be declared in a header file.	File Scope	125	15	No	Unset	Unreviewed	
669	8.5	An external object or function shall be declared once in one and only one file.	File Scope	126	15	No	Unset	Unreviewed	

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
		Variable '__ROM_DATA_START' that has external linkage should be declared in a header file.							
653	8.5	An external object or function shall be declared once in one and only one file. Variable '__INT_DTCM_START' that has external linkage should be declared in a header file.	File Scope	127	15	No	Unset	Unreviewed	
655	8.5	An external object or function shall be declared once in one and only one file. Variable '__INT_SRAM_START' that has external linkage should be declared in a header file.	File Scope	128	15	No	Unset	Unreviewed	
665	8.5	An external object or function shall be declared once in one and only one file. Variable '__RAM_NO_CACHEABLE_START' that has external linkage should be declared in a header file.	File Scope	129	15	No	Unset	Unreviewed	
662	8.5	An external object or function shall be declared once in one and only one file. Variable '__RAM_SHAREABLE_START' that has external linkage should be declared in a header file.	File Scope	130	15	No	Unset	Unreviewed	
659	8.5	An external object or function shall be declared once in one and only one file. Variable '__RAM_CACHEABLE_SIZE' that has external linkage should be declared in a header file.	File Scope	131	15	No	Unset	Unreviewed	
656	8.5	An external object or function shall be declared once in one and only one file. Variable '__RAM_NO_CACHEABLE_SIZE' that has external linkage should be declared in a header file.	File Scope	132	15	No	Unset	Unreviewed	
657	8.5	An external object or function shall be declared once in one and only one file. Variable '__RAM_SHAREABLE_SIZE' that has external linkage should be declared in a header file.	File Scope	133	15	No	Unset	Unreviewed	
658	8.4	A compatible declaration shall be visible when an object or function with external linkage is defined. Global definition of 'rbar' variable has no previous declaration.	File Scope	174	18	No	Unset	Unreviewed	
660	8.4	A compatible declaration shall be visible when an object or function with external linkage is defined. Global definition of 'rasr' variable has no previous declaration.	File Scope	175	18	No	Unset	Unreviewed	

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
667	D2.1	All source files shall compile without any compilation errors. Identifier "IP_MSCM" is undefined	Sys_GetCoreID()	511	12	No	Unset	Unreviewed	
664	D2.1	All source files shall compile without any compilation errors. Identifier "MSCM_CPXNUM_CPN_MASK" is undefined	Sys_GetCoreID()	511	30	No	Unset	Unreviewed	
666	D2.1	All source files shall compile without any compilation errors. Identifier "MSCM_IRSPRC_M7_0_SHIFT" is undefined	SystemInit()	533	31	No	Unset	Unreviewed	
668	D2.1	All source files shall compile without any compilation errors. Identifier "MSCM_IRSPRC_COUNT" is undefined	SystemInit()	556	20	No	Unset	Unreviewed	
654	D2.1	All source files shall compile without any compilation errors. Identifier "IP_MSCM" is undefined	SystemInit()	558	8	No	Unset	Unreviewed	
670	D2.1	All source files shall compile without any compilation errors. Identifier "S32_SCB" is undefined	sys_m7_cache_disable()	758	4	No	Unset	Unreviewed	

Table 1.4. D:\Jessie\3_NXP\S32DS_S32K312EVBQ172\8_I2C_Master_DMA_FunctionTest_RTD3.0.0\S32K312_I2C_Master_MCAL\RTD\src\CDD_I2c.c

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
1	8.5	An external object or function shall be declared once in one and only one file. Variable 'I2c_PBCfgVariantPredefined' that has external linkage should be declared in a header file.	File Scope	178	36	No	Unset	Unreviewed	

Table 1.5. D:\Jessie\3_NXP\S32DS_S32K312EVBQ172\8_I2C_Master_DMA_FunctionTest_RTD3.0.0\S32K312_I2C_Master_MCAL\RTD\src\CDD_Mcl.c

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
2	1.1	The program shall contain no violations of the standard C syntax and constraints, and shall not exceed the implementation's translation limits. Too many macro definitions have been found in this translation unit: 6078. The limit is 4095.	File Scope	1	1	No	Unset	Unreviewed	
7	14.3	Controlling expressions shall not be invariant. Expression is always false.	Mcl_SetDmaInstanceCommand()	506	11	No	Unset	Unreviewed	

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
8	14.3	Controlling expressions shall not be invariant. Expression is always false.	Mcl_SetDmaChannelComm and()	561	11	No	Unset	Unreviewed	
9	11.3	A cast shall not be performed between a pointer to object type and a pointer to a different object type.	Mcl_SetDmaChannelGlobal List()	635	104	No	Unset	Unreviewed	
10	11.3	A cast shall not be performed between a pointer to object type and a pointer to a different object type.	Mcl_SetDmaChannelTransf erList()	671	108	No	Unset	Unreviewed	
11	11.3	A cast shall not be performed between a pointer to object type and a pointer to a different object type.	Mcl_SetDmaChannelScatte rGatherList()	707	127	No	Unset	Unreviewed	
12	14.3	Controlling expressions shall not be invariant. Expression is always false.	Mcl_GetDmaChannelPara m()	724	11	No	Unset	Unreviewed	

Table 1.6. D:\Jessie\3_NXP\S32DS_S32K312EVBQ172\8_I2C_Master_DMA_FunctionTest_RTD3.0.0\S32K312_I2C_Master_MCAL\RTD\src\CDD_Uart.c

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
17	8.5	An external object or function shall be declared once in one and only one file. Variable 'Uart_pxPBcfgVariantPredefined' that has external linkage should be declared in a header file.	File Scope	143	36	No	Unset	Unreviewed	

Table 1.7. D:\Jessie\3_NXP\S32DS_S32K312EVBQ172\8_I2C_Master_DMA_FunctionTest_RTD3.0.0\S32K312_I2C_Master_MCAL\RTD\src\Clock_Ip.c

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
42150	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..17]	Clock_Ip_DistributePll()	990	58	No	Unset	Unreviewed	
42151	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..17]	Clock_Ip_DistributePll()	990	58	No	Unset	Unreviewed	
42152	D4.1	Run-time failures shall be minimized. Warning: pointer may be outside its bounds	Clock_Ip_DistributePll()	990	60	No	Unset	Unreviewed	
42153	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: pointer may be outside its bounds	Clock_Ip_DistributePll()	990	60	No	Unset	Unreviewed	
42154	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [array size undefined]	Clock_Ip_DistributePll()	990	92	No	Unset	Unreviewed	

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
42155	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [array size undefined]	Clock_Ip_DistributePll()	990	92	No	Unset	Unreviewed	
42156	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..86]	Clock_Ip_DistributePll()	993	91	No	Unset	Unreviewed	
42157	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..86]	Clock_Ip_DistributePll()	993	91	No	Unset	Unreviewed	
42158	D4.1	Run-time failures shall be minimized. Warning: pointer may be outside its bounds	Clock_Ip_DistributePll()	993	93	No	Unset	Unreviewed	
42159	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: pointer may be outside its bounds	Clock_Ip_DistributePll()	993	93	No	Unset	Unreviewed	
42182	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..86]	Clock_Ip_DisableClockMonitor()	1036	74	No	Unset	Unreviewed	
42183	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..86]	Clock_Ip_DisableClockMonitor()	1036	74	No	Unset	Unreviewed	
42198	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..86]	Clock_Ip_DisableModuleClock()	1066	75	No	Unset	Unreviewed	
42199	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..86]	Clock_Ip_DisableModuleClock()	1066	75	No	Unset	Unreviewed	
42206	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..86]	Clock_Ip_EnableModuleClock()	1082	75	No	Unset	Unreviewed	
42207	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..86]	Clock_Ip_EnableModuleClock()	1082	75	No	Unset	Unreviewed	

Table 1.8.
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	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
18	11.3	A cast shall not be performed between a pointer to object type and a pointer to a different object type.	File Scope	3332	32	No	Unset	Unreviewed	
19	11.3	A cast shall not be performed between a pointer to object type and a pointer to a different object type.	File Scope	3333	32	No	Unset	Unreviewed	
27	11.3	A cast shall not be performed between a pointer to object type and a pointer to a different object type.	File Scope	3339	32	No	Unset	Unreviewed	
22	11.3	A cast shall not be performed between a pointer to object type and a pointer to a different object type.	File Scope	3341	32	No	Unset	Unreviewed	
24	11.3	A cast shall not be performed between a pointer to object type and a pointer to a different object type.	File Scope	3345	32	No	Unset	Unreviewed	
28	11.3	A cast shall not be performed between a pointer to object type and a pointer to a different object type.	File Scope	3346	32	No	Unset	Unreviewed	
20	11.3	A cast shall not be performed between a pointer to object type and a pointer to a different object type.	File Scope	3367	32	No	Unset	Unreviewed	
26	11.3	A cast shall not be performed between a pointer to object type and a pointer to a different object type.	File Scope	3412	38	No	Unset	Unreviewed	
29	11.3	A cast shall not be performed between a pointer to object type and a pointer to a different object type.	File Scope	3540	49	No	Unset	Unreviewed	
23	11.3	A cast shall not be performed between a pointer to object type and a pointer to a different object type.	File Scope	3558	55	No	Unset	Unreviewed	
25	11.3	A cast shall not be performed between a pointer to object type and a pointer to a different object type.	File Scope	3573	53	No	Unset	Unreviewed	
21	11.3	A cast shall not be performed between a pointer to object type and a pointer to a different object type.	File Scope	3575	53	No	Unset	Unreviewed	

Table 1.9.
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	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
41515	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..86]	Clock_Ip_SetCgmXDeDivStatWithoutPhase()	171	49	No	Unset	Unreviewed	
41516	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointe	Clock_Ip_SetCgmXDeDivStatWithoutPhase()	171	49	No	Unset	Unreviewed	

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
		r operand. Warning: array index may be outside bounds : [0..86]							
41529	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..0]	Clock_Ip_SetCgmXDeDivStatWithoutPhase()	180	38	No	Unset	Unreviewed	
41530	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..0]	Clock_Ip_SetCgmXDeDivStatWithoutPhase()	180	38	No	Unset	Unreviewed	
31502	D4.1	Run-time failures shall be minimized. Error: pointer is outside its bounds	Clock_Ip_SetCgmXDeDivStatWithoutPhase()	180	63	No	Unset	Unreviewed	
31503	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Error: pointer is outside its bounds	Clock_Ip_SetCgmXDeDivStatWithoutPhase()	180	63	No	Unset	Unreviewed	
41575	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..0]	Clock_Ip_SetCgmXDeDivStatWithoutPhase()	205	44	No	Unset	Unreviewed	
41576	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..0]	Clock_Ip_SetCgmXDeDivStatWithoutPhase()	205	44	No	Unset	Unreviewed	
31514	D4.1	Run-time failures shall be minimized. Error: pointer is outside its bounds	Clock_Ip_SetCgmXDeDivStatWithoutPhase()	205	69	No	Unset	Unreviewed	
31515	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Error: pointer is outside its bounds	Clock_Ip_SetCgmXDeDivStatWithoutPhase()	205	69	No	Unset	Unreviewed	
30	10.3	The value of an expression shall not be assigned to an object with a narrower essential type or of a different essential type category. The expression (of essential type unsigned on 32 bits) is assigned to an object with a narrower essential type (unsigned on 16 bits)	Clock_Ip_SetCgmXDeDivStatWithoutPhase()	216	80	No	Unset	Unreviewed	
31	10.3	The value of an expression shall not be assigned to an object with a narrower essential type or of a different essential type category. The expression (of essential type unsigned on 32 bits) is assigned to an object with a narrower essential type (unsigned on 16 bits)	Clock_Ip_SetCgmXDeDivStatWithoutPhase()	220	80	No	Unset	Unreviewed	
41626	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..86]	Clock_Ip_SetPllPll0divDeDivOutput()	255	49	No	Unset	Unreviewed	

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
41627	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..86]	Clock_Ip_SetPllPll0divDeDivOutput()	255	49	No	Unset	Unreviewed	
41634	D4.1	Run-time failures shall be minimized. Warning: pointer may be outside its bounds	Clock_Ip_SetPllPll0divDeDivOutput()	262	60	No	Unset	Unreviewed	
41635	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: pointer may be outside its bounds	Clock_Ip_SetPllPll0divDeDivOutput()	262	60	No	Unset	Unreviewed	
41636	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..1]	Clock_Ip_SetPllPll0divDeDivOutput()	262	69	No	Unset	Unreviewed	
41637	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..1]	Clock_Ip_SetPllPll0divDeDivOutput()	262	69	No	Unset	Unreviewed	
35	10.3	The value of an expression shall not be assigned to an object with a narrower essential type or of a different essential type category. The expression (of essential type unsigned on 32 bits) is assigned to an object with a narrower essential type (unsigned on 16 bits)	Clock_Ip_SetPllPll0divDeDivOutput()	263	21	No	Unset	Unreviewed	
32	10.3	The value of an expression shall not be assigned to an object with a narrower essential type or of a different essential type category. The expression (of essential type unsigned on 32 bits) is assigned to an object with a narrower essential type (unsigned on 16 bits)	Clock_Ip_SetPllPll0divDeDivOutput()	264	21	No	Unset	Unreviewed	
33	10.3	The value of an expression shall not be assigned to an object with a narrower essential type or of a different essential type category. The expression (of essential type unsigned on 32 bits) is assigned to an object with a narrower essential type (unsigned on 16 bits)	Clock_Ip_SetPllPll0divDeDivOutput()	265	21	No	Unset	Unreviewed	
31524	D4.1	Run-time failures shall be minimized. Error: scalar shift amount is outside its bounds[0..15]	Clock_Ip_SetPllPll0divDeDivOutput()	265	70	No	Unset	Unreviewed	
41648	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..86]	Clock_Ip_SetPllPlldvOdiv2Output()	288	49	No	Unset	Unreviewed	
41649	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer	Clock_Ip_SetPllPlldvOdiv2Output()	288	49	No	Unset	Unreviewed	

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
		r operand. Warning: array index may be outside bounds : [0..86]							
41658	D4.1	Run-time failures shall be minimized. Warning: pointer may be outside its bounds	Clock_Ip_SetPllPlldvOdiv2Output()	291	56	No	Unset	Unreviewed	
41659	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: pointer may be outside its bounds	Clock_Ip_SetPllPlldvOdiv2Output()	291	56	No	Unset	Unreviewed	
34	10.3	The value of an expression shall not be assigned to an object with a narrower essential type or of a different essential type category. The expression (of essential type unsigned on 32 bits) is assigned to an object with a narrower essential type (unsigned on 16 bits)	Clock_Ip_SetPllPlldvOdiv2Output()	292	17	No	Unset	Unreviewed	
36	10.3	The value of an expression shall not be assigned to an object with a narrower essential type or of a different essential type category. The expression (of essential type unsigned on 32 bits) is assigned to an object with a narrower essential type (unsigned on 16 bits)	Clock_Ip_SetPllPlldvOdiv2Output()	293	17	No	Unset	Unreviewed	
31525	D4.1	Run-time failures shall be minimized. Error: scalar shift amount is outside its bounds[0..15]	Clock_Ip_SetPllPlldvOdiv2Output()	293	60	No	Unset	Unreviewed	

Table 1.10.
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	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
41489	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..86]	Clock_Ip_ConfigureCgmXDivTrigCtrlTctlHhenUpdStat()	149	49	No	Unset	Unreviewed	
41490	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..86]	Clock_Ip_ConfigureCgmXDivTrigCtrlTctlHhenUpdStat()	149	49	No	Unset	Unreviewed	
41499	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..0]	Clock_Ip_ConfigureCgmXDivTrigCtrlTctlHhenUpdStat()	155	27	No	Unset	Unreviewed	

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
41500	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..0]	Clock_Ip_ConfigureCgmXDivTrigCtrlTctlHhenUpdStat()	155	27	No	Unset	Unreviewed	
31491	D4.1	Run-time failures shall be minimized. Error: pointer is outside its bounds	Clock_Ip_ConfigureCgmXDivTrigCtrlTctlHhenUpdStat()	155	52	No	Unset	Unreviewed	
31492	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Error: pointer is outside its bounds	Clock_Ip_ConfigureCgmXDivTrigCtrlTctlHhenUpdStat()	155	52	No	Unset	Unreviewed	
41505	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..0]	Clock_Ip_ConfigureCgmXDivTrigCtrlTctlHhenUpdStat()	159	27	No	Unset	Unreviewed	
41506	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..0]	Clock_Ip_ConfigureCgmXDivTrigCtrlTctlHhenUpdStat()	159	27	No	Unset	Unreviewed	
31495	D4.1	Run-time failures shall be minimized. Error: pointer is outside its bounds	Clock_Ip_ConfigureCgmXDivTrigCtrlTctlHhenUpdStat()	159	52	No	Unset	Unreviewed	
31496	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Error: pointer is outside its bounds	Clock_Ip_ConfigureCgmXDivTrigCtrlTctlHhenUpdStat()	159	52	No	Unset	Unreviewed	
41539	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..86]	Clock_Ip_TriggerUpdateCgmXDivTrigCtrlTctlHhenUpdStat()	183	49	No	Unset	Unreviewed	
41540	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..86]	Clock_Ip_TriggerUpdateCgmXDivTrigCtrlTctlHhenUpdStat()	183	49	No	Unset	Unreviewed	
41555	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..0]	Clock_Ip_TriggerUpdateCgmXDivTrigCtrlTctlHhenUpdStat()	189	27	No	Unset	Unreviewed	
41556	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..0]	Clock_Ip_TriggerUpdateCgmXDivTrigCtrlTctlHhenUpdStat()	189	27	No	Unset	Unreviewed	

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
31508	D4.1	Run-time failures shall be minimized. Error: pointer is outside its bounds	Clock_Ip_TriggerUpdateCgmXDivTrigCtrlTctlHhenUpdStat()	189	52	No	Unset	Unreviewed	
31509	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Error: pointer is outside its bounds	Clock_Ip_TriggerUpdateCgmXDivTrigCtrlTctlHhenUpdStat()	189	52	No	Unset	Unreviewed	

Table 1.11.
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	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
41525	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..86]	Clock_Ip_ResetFxoscOsconBypEocvGmSel()	178	44	No	Unset	Unreviewed	
41526	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..86]	Clock_Ip_ResetFxoscOsconBypEocvGmSel()	178	44	No	Unset	Unreviewed	
41531	D4.1	Run-time failures shall be minimized. Warning: pointer may be outside its bounds	Clock_Ip_ResetFxoscOsconBypEocvGmSel()	181	34	No	Unset	Unreviewed	
41532	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: pointer may be outside its bounds	Clock_Ip_ResetFxoscOsconBypEocvGmSel()	181	34	No	Unset	Unreviewed	
41566	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..86]	Clock_Ip_SetFxoscOsconBypEocvGmSel()	196	44	No	Unset	Unreviewed	
41567	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..86]	Clock_Ip_SetFxoscOsconBypEocvGmSel()	196	44	No	Unset	Unreviewed	
38	10.3	The value of an expression shall not be assigned to an object with a narrower essential type or of a different essential type category. The expression (of essential type unsigned on 32 bits) is assigned to an object with a narrower essential type (unsigned on 16 bits)	Clock_Ip_SetFxoscOsconBypEocvGmSel()	200	45	No	Unset	Unreviewed	
31512	D4.1	Run-time failures shall be minimized. Error: scalar shift amount is outside its bounds[0..15]	Clock_Ip_SetFxoscOsconBypEocvGmSel()	203	64	No	Unset	Unreviewed	

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
37	10.7	If a composite expression is used as one operand of an operator in which the usual arithmetic conversions are performed then the other operand shall not have wider essential type. The left operand of the | operator shall not have wider essential type (unsigned on 32 bits) than the right operand (unsigned on 16 bits) which is a composite expression	Clock_Ip_SetFxoscOsconBypEocvGmSel()	204	120	No	Unset	Unreviewed	
41613	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..86]	Clock_Ip_CompleteFxoscOsconBypEocvGmSel()	240	44	No	Unset	Unreviewed	
41614	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..86]	Clock_Ip_CompleteFxoscOsconBypEocvGmSel()	240	44	No	Unset	Unreviewed	
39	10.3	The value of an expression shall not be assigned to an object with a narrower essential type or of a different essential type category. The expression (of essential type unsigned on 32 bits) is assigned to an object with a narrower essential type (unsigned on 16 bits)	Clock_Ip_CompleteFxoscOsconBypEocvGmSel()	256	36	No	Unset	Unreviewed	
41630	D4.1	Run-time failures shall be minimized. Warning: pointer may be outside its bounds	Clock_Ip_CompleteFxoscOsconBypEocvGmSel()	256	66	No	Unset	Unreviewed	
41631	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: pointer may be outside its bounds	Clock_Ip_CompleteFxoscOsconBypEocvGmSel()	256	66	No	Unset	Unreviewed	
41646	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..86]	Clock_Ip_DisableFxoscOsconBypEocvGmSel()	288	47	No	Unset	Unreviewed	
41647	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..86]	Clock_Ip_DisableFxoscOsconBypEocvGmSel()	288	47	No	Unset	Unreviewed	
41656	D4.1	Run-time failures shall be minimized. Warning: pointer may be outside its bounds	Clock_Ip_DisableFxoscOsconBypEocvGmSel()	291	30	No	Unset	Unreviewed	
41657	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: pointer may be outside its bounds	Clock_Ip_DisableFxoscOsconBypEocvGmSel()	291	30	No	Unset	Unreviewed	
41669	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..86]	Clock_Ip_EnableFxoscOsconBypEocvGmSel()	299	44	No	Unset	Unreviewed	

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
41670	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..86]	Clock_Ip_EnableFxoscOsconBypEocvGmSel()	299	44	No	Unset	Unreviewed	
41676	D4.1	Run-time failures shall be minimized. Warning: pointer may be outside its bounds	Clock_Ip_EnableFxoscOsconBypEocvGmSel()	304	38	No	Unset	Unreviewed	
41677	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: pointer may be outside its bounds	Clock_Ip_EnableFxoscOsconBypEocvGmSel()	304	38	No	Unset	Unreviewed	
41687	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..86]	Clock_Ip_ResetSxoscOsconEocv()	321	44	No	Unset	Unreviewed	
41688	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..86]	Clock_Ip_ResetSxoscOsconEocv()	321	44	No	Unset	Unreviewed	
41689	D4.1	Run-time failures shall be minimized. Warning: pointer may be outside its bounds	Clock_Ip_ResetSxoscOsconEocv()	324	34	No	Unset	Unreviewed	
41690	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: pointer may be outside its bounds	Clock_Ip_ResetSxoscOsconEocv()	324	34	No	Unset	Unreviewed	
41697	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..86]	Clock_Ip_SetSxoscOsconEocv()	339	44	No	Unset	Unreviewed	
41698	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..86]	Clock_Ip_SetSxoscOsconEocv()	339	44	No	Unset	Unreviewed	
41	10.3	The value of an expression shall not be assigned to an object with a narrower essential type or of a different essential type category. The expression (of essential type unsigned on 32 bits) is assigned to an object with a narrower essential type (unsigned on 16 bits)	Clock_Ip_SetSxoscOsconEocv()	343	45	No	Unset	Unreviewed	
31530	D4.1	Run-time failures shall be minimized. Error: scalar shift amount is outside its bounds[0..15]	Clock_Ip_SetSxoscOsconEocv()	345	64	No	Unset	Unreviewed	
41729	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..86]	Clock_Ip_CompleteSxoscOsconEocv()	370	44	No	Unset	Unreviewed	

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
41730	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..86]	Clock_Ip_CompleteSxoscOsconEocv()	370	44	No	Unset	Unreviewed	
40	10.3	The value of an expression shall not be assigned to an object with a narrower essential type or of a different essential type category. The expression (of essential type unsigned on 32 bits) is assigned to an object with a narrower essential type (unsigned on 16 bits)	Clock_Ip_CompleteSxoscOsconEocv()	380	32	No	Unset	Unreviewed	
41731	D4.1	Run-time failures shall be minimized. Warning: pointer may be outside its bounds	Clock_Ip_CompleteSxoscOsconEocv()	380	62	No	Unset	Unreviewed	
41732	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: pointer may be outside its bounds	Clock_Ip_CompleteSxoscOsconEocv()	380	62	No	Unset	Unreviewed	

Table 1.12. 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	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
41509	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..86]	Clock_Ip_ClockSetGateMcMePartitionCollectionClockRequest()	167	72	No	Unset	Unreviewed	
41510	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..86]	Clock_Ip_ClockSetGateMcMePartitionCollectionClockRequest()	167	72	No	Unset	Unreviewed	
41527	D4.1	Run-time failures shall be minimized. Warning: pointer may be outside its bounds	Clock_Ip_ClockSetGateMcMePartitionCollectionClockRequest()	178	63	No	Unset	Unreviewed	
41528	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: pointer may be outside its bounds	Clock_Ip_ClockSetGateMcMePartitionCollectionClockRequest()	178	63	No	Unset	Unreviewed	
31504	D4.1	Run-time failures shall be minimized. Error: pointer is outside its bounds	Clock_Ip_ClockSetGateMcMePartitionCollectionClockRequest()	183	60	No	Unset	Unreviewed	

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
31505	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Error: pointer is outside its bounds	Clock_Ip_ClockSetGateMc MePartitionCollectionCloc kRequest()	183	60	No	Unset	Unreviewed	
41585	D4.1	Run-time failures shall be minimized. Warning: pointer may be outside its bounds	Clock_Ip_ClockSetGateMc MePartitionCollectionCloc kRequest()	208	63	No	Unset	Unreviewed	
41586	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: pointer may be outside its bounds	Clock_Ip_ClockSetGateMc MePartitionCollectionCloc kRequest()	208	63	No	Unset	Unreviewed	
31516	D4.1	Run-time failures shall be minimized. Error: pointer is outside its bounds	Clock_Ip_ClockSetGateMc MePartitionCollectionCloc kRequest()	213	60	No	Unset	Unreviewed	
31517	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Error: pointer is outside its bounds	Clock_Ip_ClockSetGateMc MePartitionCollectionCloc kRequest()	213	60	No	Unset	Unreviewed	

Table 1.13.
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	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
43	10.3	The value of an expression shall not be assigned to an object with a narrower essential type or of a different essential type category. The expression (of essential type unsigned on 32 bits) is assigned to an object with a narrower essential type (unsigned on 16 bits)	Clock_Ip_SetFircDivSelHSE b()	264	30	No	Unset	Unreviewed	
42	14.3	Controlling expressions shall not be invariant. Expression is always true.	Clock_Ip_SetFircDivSelHSE b()	267	25	No	Unset	Unreviewed	

Table 1.14.
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	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
41615	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..86]	Clock_Ip_DisableCmuFcFce RefCntLfrefHfref()	245	95	No	Unset	Unreviewed	

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
41616	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..86]	Clock_Ip_DisableCmuFcFce RefCntLfrefHfref()	245	95	No	Unset	Unreviewed	
41650	D4.1	Run-time failures shall be minimized. Warning: pointer may be outside its bounds	Clock_Ip_DisableCmuFcFce RefCntLfrefHfref()	289	24	No	Unset	Unreviewed	
41651	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: pointer may be outside its bounds	Clock_Ip_DisableCmuFcFce RefCntLfrefHfref()	289	24	No	Unset	Unreviewed	
41711	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..86]	Clock_Ip_SetCmuFcFceRefC ntLfrefHfref()	351	70	No	Unset	Unreviewed	
41712	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..86]	Clock_Ip_SetCmuFcFceRefC ntLfrefHfref()	351	70	No	Unset	Unreviewed	
41715	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	Clock_Ip_SetCmuFcFceRefC ntLfrefHfref()	355	19	No	Unset	Unreviewed	
41716	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	Clock_Ip_SetCmuFcFceRefC ntLfrefHfref()	355	19	No	Unset	Unreviewed	
41717	D4.1	Run-time failures shall be minimized. Warning: pointer may be outside its bounds	Clock_Ip_SetCmuFcFceRefC ntLfrefHfref()	359	28	No	Unset	Unreviewed	
41718	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: pointer may be outside its bounds	Clock_Ip_SetCmuFcFceRefC ntLfrefHfref()	359	28	No	Unset	Unreviewed	
41719	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [array size undefined]	Clock_Ip_SetCmuFcFceRefC ntLfrefHfref()	359	70	No	Unset	Unreviewed	
41720	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [array size undefined]	Clock_Ip_SetCmuFcFceRefC ntLfrefHfref()	359	70	No	Unset	Unreviewed	
41721	D4.1	Run-time failures shall be minimized. Warning: pointer may be outside its bounds	Clock_Ip_SetCmuFcFceRefC ntLfrefHfref()	360	28	No	Unset	Unreviewed	

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
41722	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: pointer may be outside its bounds	Clock_Ip_SetCmuFcFceRefCntLfrefHfref()	360	28	No	Unset	Unreviewed	
41723	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [array size undefined]	Clock_Ip_SetCmuFcFceRefCntLfrefHfref()	360	70	No	Unset	Unreviewed	
41724	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [array size undefined]	Clock_Ip_SetCmuFcFceRefCntLfrefHfref()	360	70	No	Unset	Unreviewed	
41735	D4.1	Run-time failures shall be minimized. Warning: scalar division by zero may occur	Clock_Ip_SetCmuFcFceRefCntLfrefHfref()	390	47	No	Unset	Unreviewed	
41738	D4.1	Run-time failures shall be minimized. Warning: pointer may be outside its bounds	Clock_Ip_SetCmuFcFceRefCntLfrefHfref()	396	21	No	Unset	Unreviewed	
41739	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: pointer may be outside its bounds	Clock_Ip_SetCmuFcFceRefCntLfrefHfref()	396	21	No	Unset	Unreviewed	
41750	D4.1	Run-time failures shall be minimized. Warning: pointer may be outside its bounds	Clock_Ip_SetCmuFcFceRefCntLfrefHfref()	407	13	No	Unset	Unreviewed	
41751	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: pointer may be outside its bounds	Clock_Ip_SetCmuFcFceRefCntLfrefHfref()	407	13	No	Unset	Unreviewed	
41772	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..86]	Clock_Ip_EnableCmuFcFceRefCntLfrefHfref()	436	71	No	Unset	Unreviewed	
41773	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..86]	Clock_Ip_EnableCmuFcFceRefCntLfrefHfref()	436	71	No	Unset	Unreviewed	
41774	D4.1	Run-time failures shall be minimized. Warning: pointer may be outside its bounds	Clock_Ip_EnableCmuFcFceRefCntLfrefHfref()	442	17	No	Unset	Unreviewed	
41775	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: pointer may be outside its bounds	Clock_Ip_EnableCmuFcFceRefCntLfrefHfref()	442	17	No	Unset	Unreviewed	

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
41778	D4.1	Run-time failures shall be minimized. Warning: pointer may be outside its bounds	Clock_Ip_EnableCmuFcFceRefCntLfrefHfref()	446	17	No	Unset	Unreviewed	
41779	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: pointer may be outside its bounds	Clock_Ip_EnableCmuFcFceRefCntLfrefHfref()	446	17	No	Unset	Unreviewed	
41796	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..6]	Clock_Ip_CMU_GetInterruptStatus()	471	33	No	Unset	Unreviewed	
41797	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..6]	Clock_Ip_CMU_GetInterruptStatus()	471	33	No	Unset	Unreviewed	
41798	D4.1	Run-time failures shall be minimized. Warning: pointer may be outside its bounds	Clock_Ip_CMU_GetInterruptStatus()	471	43	No	Unset	Unreviewed	
41799	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: pointer may be outside its bounds	Clock_Ip_CMU_GetInterruptStatus()	471	43	No	Unset	Unreviewed	
41817	D4.1	Run-time failures shall be minimized. Warning: pointer may be outside its bounds	Clock_Ip_CMU_ClockFailInt()	494	47	No	Unset	Unreviewed	
41818	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: pointer may be outside its bounds	Clock_Ip_CMU_ClockFailInt()	494	47	No	Unset	Unreviewed	

Table 1.15. 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	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
41545	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..86]	Clock_Ip_ResetPllRdivMfiMfnOdiv2SdmenSsscgbypSpreadctlStepnoStepsize()	185	44	No	Unset	Unreviewed	
41546	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..86]	Clock_Ip_ResetPllRdivMfiMfnOdiv2SdmenSsscgbypSpreadctlStepnoStepsize()	185	44	No	Unset	Unreviewed	
72	10.3	The value of an expression shall not be assigned to an object with a narrower essential type or of a different essential type category. The expression (of essential type unsigned on 32 bits) is as	Clock_Ip_ResetPllRdivMfiMfnOdiv2SdmenSsscgbypSpreadctlStepnoStepsize()	190	73	No	Unset	Unreviewed	

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
		signed to an object with a narrower essential type (unsigned on 16 bits)							
41560	D4.1	Run-time failures shall be minimized. Warning: pointer may be outside its bounds	Clock_Ip_ResetPllRdivMfiMfnOdiv2SdmenSsscgbypSpreadctlStepnoStepsize()	193	45	No	Unset	Unreviewed	
41561	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: pointer may be outside its bounds	Clock_Ip_ResetPllRdivMfiMfnOdiv2SdmenSsscgbypSpreadctlStepnoStepsize()	193	45	No	Unset	Unreviewed	
73	10.3	The value of an expression shall not be assigned to an object with a narrower essential type or of a different essential type category. The expression (of essential type unsigned on 32 bits) is assigned to an object with a narrower essential type (unsigned on 16 bits)	Clock_Ip_ResetPllRdivMfiMfnOdiv2SdmenSsscgbypSpreadctlStepnoStepsize()	193	53	No	Unset	Unreviewed	
41583	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..86]	Clock_Ip_SetPllRdivMfiMfnOdiv2SdmenSsscgbypSpreadctlStepnoStepsize()	208	44	No	Unset	Unreviewed	
41584	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..86]	Clock_Ip_SetPllRdivMfiMfnOdiv2SdmenSsscgbypSpreadctlStepnoStepsize()	208	44	No	Unset	Unreviewed	
41594	D4.1	Run-time failures shall be minimized. Warning: pointer may be outside its bounds	Clock_Ip_SetPllRdivMfiMfnOdiv2SdmenSsscgbypSpreadctlStepnoStepsize()	213	57	No	Unset	Unreviewed	
41595	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: pointer may be outside its bounds	Clock_Ip_SetPllRdivMfiMfnOdiv2SdmenSsscgbypSpreadctlStepnoStepsize()	213	57	No	Unset	Unreviewed	
74	10.3	The value of an expression shall not be assigned to an object with a narrower essential type or of a different essential type category. The expression (of essential type unsigned on 32 bits) is assigned to an object with a narrower essential type (unsigned on 16 bits)	Clock_Ip_SetPllRdivMfiMfnOdiv2SdmenSsscgbypSpreadctlStepnoStepsize()	221	18	No	Unset	Unreviewed	
75	10.3	The value of an expression shall not be assigned to an object with a narrower essential type or of a different essential type category. The expression (of essential type unsigned on 32 bits) is assigned to an object with a narrower essential type (unsigned on 16 bits)	Clock_Ip_SetPllRdivMfiMfnOdiv2SdmenSsscgbypSpreadctlStepnoStepsize()	223	18	No	Unset	Unreviewed	

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
31520	D4.1	Run-time failures shall be minimized. Error: scalar shift amount is outside its bounds[0..15]	Clock_Ip_SetPllRdivMfiMfnOdiv2SdmenSsscgbypSpreadctlStepnoStepsize()	223	67	No	Unset	Unreviewed	
76	10.7	If a composite expression is used as one operand of an operator in which the usual arithmetic conversions are performed then the other operand shall not have wider essential type. The left operand of the | operator shall not have wider essential type (unsigned on 32 bits) than the right operand (unsigned on 16 bits) which is a composite expression	Clock_Ip_SetPllRdivMfiMfnOdiv2SdmenSsscgbypSpreadctlStepnoStepsize()	228	125	No	Unset	Unreviewed	
78	10.3	The value of an expression shall not be assigned to an object with a narrower essential type or of a different essential type category. The expression (of essential type unsigned on 32 bits) is assigned to an object with a narrower essential type (unsigned on 16 bits)	Clock_Ip_SetPllRdivMfiMfnOdiv2SdmenSsscgbypSpreadctlStepnoStepsize()	237	57	No	Unset	Unreviewed	
41628	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..86]	Clock_Ip_CompletePllRdivMfiMfnOdiv2SdmenSsscgbypSpreadctlStepnoStepsize()	256	47	No	Unset	Unreviewed	
41629	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..86]	Clock_Ip_CompletePllRdivMfiMfnOdiv2SdmenSsscgbypSpreadctlStepnoStepsize()	256	47	No	Unset	Unreviewed	
41632	D4.1	Run-time failures shall be minimized. Warning: pointer may be outside its bounds	Clock_Ip_CompletePllRdivMfiMfnOdiv2SdmenSsscgbypSpreadctlStepnoStepsize()	258	52	No	Unset	Unreviewed	
41633	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: pointer may be outside its bounds	Clock_Ip_CompletePllRdivMfiMfnOdiv2SdmenSsscgbypSpreadctlStepnoStepsize()	258	52	No	Unset	Unreviewed	
41654	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..86]	Clock_Ip_EnablePllRdivMfiMfnOdiv2SdmenSsscgbypSpreadctlStepnoStepsize()	289	44	No	Unset	Unreviewed	
41655	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..86]	Clock_Ip_EnablePllRdivMfiMfnOdiv2SdmenSsscgbypSpreadctlStepnoStepsize()	289	44	No	Unset	Unreviewed	

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
41663	D4.1	Run-time failures shall be minimized. Warning: pointer may be outside its bounds	Clock_Ip_EnablePllRdivMfiMfnOdiv2SdmenSsscgbypSpreadctlStepnoStepsize()	295	49	No	Unset	Unreviewed	
41664	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: pointer may be outside its bounds	Clock_Ip_EnablePllRdivMfiMfnOdiv2SdmenSsscgbypSpreadctlStepnoStepsize()	295	49	No	Unset	Unreviewed	
77	10.3	The value of an expression shall not be assigned to an object with a narrower essential type or of a different essential type category. The expression (of essential type unsigned on 32 bits) is assigned to an object with a narrower essential type (unsigned on 16 bits)	Clock_Ip_EnablePllRdivMfiMfnOdiv2SdmenSsscgbypSpreadctlStepnoStepsize()	295	57	No	Unset	Unreviewed	

Table 1.16. 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	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
41581	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..0]	Clock_Ip_CgmXPcfsSdurDivcDiveDivs()	208	42	No	Unset	Unreviewed	
41582	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..0]	Clock_Ip_CgmXPcfsSdurDivcDiveDivs()	208	42	No	Unset	Unreviewed	
41587	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..86]	Clock_Ip_CgmXPcfsSdurDivcDiveDivs()	208	68	No	Unset	Unreviewed	
41588	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..86]	Clock_Ip_CgmXPcfsSdurDivcDiveDivs()	208	68	No	Unset	Unreviewed	
41590	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..86]	Clock_Ip_CgmXPcfsSdurDivcDiveDivs()	209	48	No	Unset	Unreviewed	
41591	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..86]	Clock_Ip_CgmXPcfsSdurDivcDiveDivs()	209	48	No	Unset	Unreviewed	

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
41598	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..0]	Clock_Ip_CgmXPcfsSdurDivcDiveDivs()	215	19	No	Unset	Unreviewed	
41599	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..0]	Clock_Ip_CgmXPcfsSdurDivcDiveDivs()	215	19	No	Unset	Unreviewed	
81	10.3	The value of an expression shall not be assigned to an object with a narrower essential type or of a different essential type category. The expression (of essential type unsigned on 32 bits) is assigned to an object with a narrower essential type (unsigned on 16 bits)	Clock_Ip_CgmXPcfsSdurDivcDiveDivs()	219	19	No	Unset	Unreviewed	
79	10.3	The value of an expression shall not be assigned to an object with a narrower essential type or of a different essential type category. The expression (of essential type unsigned on 32 bits) is assigned to an object with a narrower essential type (unsigned on 16 bits)	Clock_Ip_CgmXPcfsSdurDivcDiveDivs()	221	18	No	Unset	Unreviewed	
41604	D4.1	Run-time failures shall be minimized. Warning: pointer may be outside its bounds	Clock_Ip_CgmXPcfsSdurDivcDiveDivs()	221	21	No	Unset	Unreviewed	
41605	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: pointer may be outside its bounds	Clock_Ip_CgmXPcfsSdurDivcDiveDivs()	221	21	No	Unset	Unreviewed	
41606	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [array size undefined]	Clock_Ip_CgmXPcfsSdurDivcDiveDivs()	221	63	No	Unset	Unreviewed	
41607	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [array size undefined]	Clock_Ip_CgmXPcfsSdurDivcDiveDivs()	221	63	No	Unset	Unreviewed	
82	10.3	The value of an expression shall not be assigned to an object with a narrower essential type or of a different essential type category. The expression (of essential type unsigned on 32 bits) is assigned to an object with a narrower essential type (unsigned on 16 bits)	Clock_Ip_CgmXPcfsSdurDivcDiveDivs()	234	21	No	Unset	Unreviewed	
84	10.7	If a composite expression is used as one operand of an operator in which the usual arithmetic conversions are performed then the other operand shall not have wider essent	Clock_Ip_CgmXPcfsSdurDivcDiveDivs()	234	77	No	Unset	Unreviewed	

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
		ial type. The right operand of the * operator shall not have wider essential type (unsigned on 32 bits) than the left operand (unsigned on 16 bits) which is a composite expression							
80	10.7	If a composite expression is used as one operand of an operator in which the usual arithmetic conversions are performed then the other operand shall not have wider essential type. The left operand of the / operator shall not have wider essential type (unsigned on 32 bits) than the right operand (unsigned on 16 bits) which is a composite expression	Clock_Ip_CgmXPcfsSdurDivcDiveDivs()	234	87	No	Unset	Unreviewed	
31522	D4.1	Run-time failures shall be minimized. Error: scalar division by zero occurs	Clock_Ip_CgmXPcfsSdurDivcDiveDivs()	234	87	No	Unset	Unreviewed	
83	10.3	The value of an expression shall not be assigned to an object with a narrower essential type or of a different essential type category. The expression (of essential type unsigned on 32 bits) is assigned to an object with a narrower essential type (unsigned on 16 bits)	Clock_Ip_CgmXPcfsSdurDivcDiveDivs()	260	17	No	Unset	Unreviewed	
85	10.3	The value of an expression shall not be assigned to an object with a narrower essential type or of a different essential type category. The expression (of essential type unsigned on 32 bits) is assigned to an object with a narrower essential type (unsigned on 16 bits)	Clock_Ip_CgmXPcfsSdurDivcDiveDivs()	294	44	No	Unset	Unreviewed	
86	10.7	If a composite expression is used as one operand of an operator in which the usual arithmetic conversions are performed then the other operand shall not have wider essential type. The right operand of the | operator shall not have wider essential type (unsigned on 32 bits) than the left operand (unsigned on 16 bits) which is a composite expression	Clock_Ip_CgmXPcfsSdurDivcDiveDivs()	294	103	No	Unset	Unreviewed	
87	10.3	The value of an expression shall not be assigned to an object with a narrower essential type or of a different essential type category. The expression (of essential type unsigned on 32 bits) is assigned to an object with a narrower essential type (unsigned on 16 bits)	Clock_Ip_CgmXPcfsSdurDivcDiveDivs()	295	44	No	Unset	Unreviewed	
88	10.3	The value of an expression shall not be assigned to an object with a narrower essential type or of a different essential type category. The expression (of essential type unsigned on 32 bits) is as	Clock_Ip_CgmXPcfsSdurDivcDiveDivs()	296	44	No	Unset	Unreviewed	

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
		signed to an object with a narrower essential type (unsigned on 16 bits)							

Table 1.17.
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	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
41517	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..86]	Clock_Ip_ResetCgmXCscCssClkswSwip()	173	49	No	Unset	Unreviewed	
41518	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..86]	Clock_Ip_ResetCgmXCscCssClkswSwip()	173	49	No	Unset	Unreviewed	
41523	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..0]	Clock_Ip_ResetCgmXCscCssClkswSwip()	177	23	No	Unset	Unreviewed	
41524	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..0]	Clock_Ip_ResetCgmXCscCssClkswSwip()	177	23	No	Unset	Unreviewed	
31499	D4.1	Run-time failures shall be minimized. Error: pointer is outside its bounds	Clock_Ip_ResetCgmXCscCssClkswSwip()	177	48	No	Unset	Unreviewed	
31500	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Error: pointer is outside its bounds	Clock_Ip_ResetCgmXCscCssClkswSwip()	177	48	No	Unset	Unreviewed	
41577	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..86]	Clock_Ip_SetCgmXCscCssClkswSwip()	207	49	No	Unset	Unreviewed	
41578	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..86]	Clock_Ip_SetCgmXCscCssClkswSwip()	207	49	No	Unset	Unreviewed	
41579	D4.1	Run-time failures shall be minimized. Warning: pointer may be outside its bounds	Clock_Ip_SetCgmXCscCssClkswSwip()	207	56	No	Unset	Unreviewed	
41580	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: pointer may be outside its bounds	Clock_Ip_SetCgmXCscCssClkswSwip()	207	56	No	Unset	Unreviewed	

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
41592	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..17]	Clock_Ip_SetCgmXCscCssCl kswSwip()	209	63	No	Unset	Unreviewed	
41593	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointe r operand. Warning: array index may be outside bounds : [0..17]	Clock_Ip_SetCgmXCscCssCl kswSwip()	209	63	No	Unset	Unreviewed	
41600	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..0]	Clock_Ip_SetCgmXCscCssCl kswSwip()	215	46	No	Unset	Unreviewed	
41601	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointe r operand. Warning: array index may be outside bounds : [0..0]	Clock_Ip_SetCgmXCscCssCl kswSwip()	215	46	No	Unset	Unreviewed	
31518	D4.1	Run-time failures shall be minimized. Error: pointer is outside its bounds	Clock_Ip_SetCgmXCscCssCl kswSwip()	215	71	No	Unset	Unreviewed	
31519	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointe r operand. Error: pointer is outside its bounds	Clock_Ip_SetCgmXCscCssCl kswSwip()	215	71	No	Unset	Unreviewed	
41678	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..86]	Clock_Ip_ResetCgmXCscCss ClkswRampupRampdownS wip()	304	49	No	Unset	Unreviewed	
41679	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointe r operand. Warning: array index may be outside bounds : [0..86]	Clock_Ip_ResetCgmXCscCss ClkswRampupRampdownS wip()	304	49	No	Unset	Unreviewed	
41682	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..0]	Clock_Ip_ResetCgmXCscCss ClkswRampupRampdownS wip()	309	23	No	Unset	Unreviewed	
41683	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointe r operand. Warning: array index may be outside bounds : [0..0]	Clock_Ip_ResetCgmXCscCss ClkswRampupRampdownS wip()	309	23	No	Unset	Unreviewed	
31528	D4.1	Run-time failures shall be minimized. Error: pointer is outside its bounds	Clock_Ip_ResetCgmXCscCss ClkswRampupRampdownS wip()	309	48	No	Unset	Unreviewed	
31529	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointe r operand. Error: pointer is outside its bounds	Clock_Ip_ResetCgmXCscCss ClkswRampupRampdownS wip()	309	48	No	Unset	Unreviewed	

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
41699	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..86]	Clock_Ip_SetCgmXCscCssClkswRampupRampdownSwip()	339	49	No	Unset	Unreviewed	
41700	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..86]	Clock_Ip_SetCgmXCscCssClkswRampupRampdownSwip()	339	49	No	Unset	Unreviewed	
41703	D4.1	Run-time failures shall be minimized. Warning: pointer may be outside its bounds	Clock_Ip_SetCgmXCscCssClkswRampupRampdownSwip()	339	56	No	Unset	Unreviewed	
41704	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: pointer may be outside its bounds	Clock_Ip_SetCgmXCscCssClkswRampupRampdownSwip()	339	56	No	Unset	Unreviewed	
41705	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..17]	Clock_Ip_SetCgmXCscCssClkswRampupRampdownSwip()	341	63	No	Unset	Unreviewed	
41706	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..17]	Clock_Ip_SetCgmXCscCssClkswRampupRampdownSwip()	341	63	No	Unset	Unreviewed	
41709	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..0]	Clock_Ip_SetCgmXCscCssClkswRampupRampdownSwip()	347	46	No	Unset	Unreviewed	
41710	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..0]	Clock_Ip_SetCgmXCscCssClkswRampupRampdownSwip()	347	46	No	Unset	Unreviewed	
31531	D4.1	Run-time failures shall be minimized. Error: pointer is outside its bounds	Clock_Ip_SetCgmXCscCssClkswRampupRampdownSwip()	347	71	No	Unset	Unreviewed	
31532	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Error: pointer is outside its bounds	Clock_Ip_SetCgmXCscCssClkswRampupRampdownSwip()	347	71	No	Unset	Unreviewed	
41780	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..86]	Clock_Ip_ResetCgmXCscCssCsGrip()	446	54	No	Unset	Unreviewed	
41781	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer	Clock_Ip_ResetCgmXCscCssCsGrip()	446	54	No	Unset	Unreviewed	

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
		r operand. Warning: array index may be outside bounds : [0..86]							
41784	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..0]	Clock_Ip_ResetCgmXCscCss CsGrip()	453	23	No	Unset	Unreviewed	
41785	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointe r operand. Warning: array index may be outside bounds : [0..0]	Clock_Ip_ResetCgmXCscCss CsGrip()	453	23	No	Unset	Unreviewed	
31533	D4.1	Run-time failures shall be minimized. Error: pointer is outside its bounds	Clock_Ip_ResetCgmXCscCss CsGrip()	453	48	No	Unset	Unreviewed	
31534	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointe r operand. Error: pointer is outside its bounds	Clock_Ip_ResetCgmXCscCss CsGrip()	453	48	No	Unset	Unreviewed	
41831	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..86]	Clock_Ip_SetCgmXCscCssCs Grip()	511	49	No	Unset	Unreviewed	
41832	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointe r operand. Warning: array index may be outside bounds : [0..86]	Clock_Ip_SetCgmXCscCssCs Grip()	511	49	No	Unset	Unreviewed	
41833	D4.1	Run-time failures shall be minimized. Warning: pointer may be outside its bounds	Clock_Ip_SetCgmXCscCssCs Grip()	511	56	No	Unset	Unreviewed	
41834	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointe r operand. Warning: pointer may be outside its bounds	Clock_Ip_SetCgmXCscCssCs Grip()	511	56	No	Unset	Unreviewed	
41839	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..17]	Clock_Ip_SetCgmXCscCssCs Grip()	513	63	No	Unset	Unreviewed	
41840	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointe r operand. Warning: array index may be outside bounds : [0..17]	Clock_Ip_SetCgmXCscCssCs Grip()	513	63	No	Unset	Unreviewed	
41841	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..0]	Clock_Ip_SetCgmXCscCssCs Grip()	518	23	No	Unset	Unreviewed	
41842	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointe r operand. Warning: array index may be outside bounds : [0..0]	Clock_Ip_SetCgmXCscCssCs Grip()	518	23	No	Unset	Unreviewed	

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
31535	D4.1	Run-time failures shall be minimized. Error: pointer is outside its bounds	Clock_Ip_SetCgmXCscCssCsGrip()	518	48	No	Unset	Unreviewed	
31536	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Error: pointer is outside its bounds	Clock_Ip_SetCgmXCscCssCsGrip()	518	48	No	Unset	Unreviewed	
41901	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..17]	Clock_Ip_SetRtcRtccClksel_TrustedCall()	597	69	No	Unset	Unreviewed	
41902	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..17]	Clock_Ip_SetRtcRtccClksel_TrustedCall()	597	69	No	Unset	Unreviewed	
41903	D4.1	Run-time failures shall be minimized. Warning: pointer may be outside its bounds	Clock_Ip_SetRtcRtccClksel_TrustedCall()	597	76	No	Unset	Unreviewed	
41904	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: pointer may be outside its bounds	Clock_Ip_SetRtcRtccClksel_TrustedCall()	597	76	No	Unset	Unreviewed	

**Table 1.18.
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	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
90	10.3	The value of an expression shall not be assigned to an object with a narrower essential type or of a different essential type category. The expression (of essential type unsigned on 32 bits) is assigned to an object with a narrower essential type (unsigned on 16 bits)	Clock_Ip_PllPowerClockIp()	227	57	No	Unset	Unreviewed	
31521	D4.1	Run-time failures shall be minimized. Error: scalar shift amount is outside its bounds[0..15]	Clock_Ip_PllPowerClockIp()	227	90	No	Unset	Unreviewed	
89	10.3	The value of an expression shall not be assigned to an object with a narrower essential type or of a different essential type category. The expression (of essential type unsigned on 32 bits) is assigned to an object with a narrower essential type (unsigned on 16 bits)	Clock_Ip_PowerClockIpModules()	287	57	No	Unset	Unreviewed	
98	10.3	The value of an expression shall not be assigned to an object with a narrower essential type or of a different essenti	Clock_Ip_PowerClockIpModules()	311	57	No	Unset	Unreviewed	

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
		al type category. The expression (of essential type unsigned on 32 bits) is assigned to an object with a narrower essential type (unsigned on 16 bits)							
91	10.3	The value of an expression shall not be assigned to an object with a narrower essential type or of a different essential type category. The expression (of essential type unsigned on 32 bits) is assigned to an object with a narrower essential type (unsigned on 16 bits)	Clock_Ip_PowerClockIpModules()	358	57	No	Unset	Unreviewed	
41740	D4.1	Run-time failures shall be minimized. Warning: pointer may be outside its bounds	Clock_Ip_CodeInRamSetFlashWaitStates()	397	27	No	Unset	Unreviewed	
41741	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: pointer may be outside its bounds	Clock_Ip_CodeInRamSetFlashWaitStates()	397	27	No	Unset	Unreviewed	
41742	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [array size undefined]	Clock_Ip_CodeInRamSetFlashWaitStates()	397	69	No	Unset	Unreviewed	
41743	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [array size undefined]	Clock_Ip_CodeInRamSetFlashWaitStates()	397	69	No	Unset	Unreviewed	
95	14.3	Controlling expressions shall not be invariant. Expression is always true.	Clock_Ip_CodeInRamSetFlashWaitStates()	399	8	No	Unset	Unreviewed	
94	14.3	Controlling expressions shall not be invariant. Expression is always true.	Clock_Ip_CodeInRamSetFlashWaitStates()	401	12	No	Unset	Unreviewed	
92	14.3	Controlling expressions shall not be invariant. Expression is always true.	Clock_Ip_CodeInRamSetFlashWaitStates()	405	17	No	Unset	Unreviewed	
93	14.3	Controlling expressions shall not be invariant. Expression is always true.	Clock_Ip_CodeInRamSetFlashWaitStates()	409	17	No	Unset	Unreviewed	
96	14.3	Controlling expressions shall not be invariant. Expression is always true.	Clock_Ip_CodeInRamSetFlashWaitStates()	420	12	No	Unset	Unreviewed	
97	14.3	Controlling expressions shall not be invariant. Expression is always true.	Clock_Ip_CodeInRamSetFlashWaitStates()	424	17	No	Unset	Unreviewed	
99	14.3	Controlling expressions shall not be invariant. Expression is always true.	Clock_Ip_CodeInRamSetFlashWaitStates()	428	17	No	Unset	Unreviewed	

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
41845	D4.1	Run-time failures shall be minimized. Warning: pointer may be outside its bounds	DisableFircInStandbyMode()	519	29	No	Unset	Unreviewed	
41846	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: pointer may be outside its bounds	DisableFircInStandbyMode()	519	29	No	Unset	Unreviewed	
41851	D4.1	Run-time failures shall be minimized. Warning: pointer may be outside its bounds	EnableFircInStandbyMode()	527	29	No	Unset	Unreviewed	
41852	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: pointer may be outside its bounds	EnableFircInStandbyMode()	527	29	No	Unset	Unreviewed	
41859	D4.1	Run-time failures shall be minimized. Warning: pointer may be outside its bounds	DisableSircInStandbyMode()	533	29	No	Unset	Unreviewed	
41860	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: pointer may be outside its bounds	DisableSircInStandbyMode()	533	29	No	Unset	Unreviewed	
41865	D4.1	Run-time failures shall be minimized. Warning: pointer may be outside its bounds	EnableSircInStandbyMode()	541	29	No	Unset	Unreviewed	
41866	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: pointer may be outside its bounds	EnableSircInStandbyMode()	541	29	No	Unset	Unreviewed	

Table 1.19. D:\Jessie\3_NXP\S32DS_S32K312EVBQ172\8_I2C_Master_DMA_FunctionTest_RTD3.0.0\S32K312_I2C_Master_MCAL\RTD\src\Dem.c

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
41617	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	Dem_ReportErrorStatusPreExtData()	246	39	No	Unset	Unreviewed	
41618	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	Dem_ReportErrorStatusPreExtData()	246	39	No	Unset	Unreviewed	
41622	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..126]	Dem_ReportErrorStatusPreExtData()	255	30	No	Unset	Unreviewed	
41623	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer	Dem_ReportErrorStatusPreExtData()	255	30	No	Unset	Unreviewed	

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
		r operand. Warning: array index may be outside bounds : [0..126]							

Table 1.20. D:\Jessie\3_NXP\S32DS_S32K312EVBQ172\8_I2C_Master_DMA_FunctionTest_RTD3.0.0\S32K312_I2C_Master_MCAL\RTD\src\Dem_stub.c

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
103	10.3	The value of an expression shall not be assigned to an object with a narrower essential type or of a different essential type category. The expression (of essential type category unsigned) is assigned to an object with a different essential type category (Boolean)	Dem_TestLastReportError Status()	108	21	No	Unset	Unreviewed	
108	10.3	The value of an expression shall not be assigned to an object with a narrower essential type or of a different essential type category. The expression (of essential type category unsigned) is assigned to an object with a different essential type category (signed)	Dem_TestLastReportError Status()	114	20	No	Unset	Unreviewed	
41467	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	Dem_TestLastReportError Status()	114	41	No	Unset	Unreviewed	
41468	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	Dem_TestLastReportError Status()	114	41	No	Unset	Unreviewed	
41469	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..126]	Dem_TestLastReportError Status()	117	43	No	Unset	Unreviewed	
41470	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..126]	Dem_TestLastReportError Status()	117	43	No	Unset	Unreviewed	
104	10.3	The value of an expression shall not be assigned to an object with a narrower essential type or of a different essential type category. The expression (of essential type category signed) is assigned to an object with a different essential type category (Boolean)	Dem_TestLastReportError Status()	120	17	No	Unset	Unreviewed	
105	10.3	The value of an expression shall not be assigned to an object with a narrower essential type or of a different essential type category. The expression (of essential type category unsigned) is ass	Dem_TestNoError()	147	21	No	Unset	Unreviewed	

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
		igned to an object with a different essential type category (Boolean)							
41493	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	Dem_TestNoError()	151	48	No	Unset	Unreviewed	
41494	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	Dem_TestNoError()	151	48	No	Unset	Unreviewed	
41495	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..126]	Dem_TestNoError()	153	68	No	Unset	Unreviewed	
41496	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..126]	Dem_TestNoError()	153	68	No	Unset	Unreviewed	
106	10.3	The value of an expression shall not be assigned to an object with a narrower essential type or of a different essential type category. The expression (of essential type category unsigned) is assigned to an object with a different essential type category (Boolean)	Dem_TestNoError()	155	19	No	Unset	Unreviewed	
109	10.3	The value of an expression shall not be assigned to an object with a narrower essential type or of a different essential type category. The expression (of essential type category unsigned) is assigned to an object with a different essential type category (Boolean)	Dem_TestLastReportError StatusPreExtData()	177	24	No	Unset	Unreviewed	
107	10.3	The value of an expression shall not be assigned to an object with a narrower essential type or of a different essential type category. The expression (of essential type category unsigned) is assigned to an object with a different essential type category (signed)	Dem_TestLastReportError StatusPreExtData()	184	20	No	Unset	Unreviewed	
41543	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	Dem_TestLastReportError StatusPreExtData()	184	41	No	Unset	Unreviewed	
41544	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	Dem_TestLastReportError StatusPreExtData()	184	41	No	Unset	Unreviewed	
41547	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..126]	Dem_TestLastReportError StatusPreExtData()	187	50	No	Unset	Unreviewed	

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
41548	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..126]	Dem_TestLastReportError StatusPreExtData()	187	50	No	Unset	Unreviewed	
101	15.6	The body of an iteration-statement or a selection-statement shall be a compound-statement. An if (expression) construct shall be followed by a compound statement.	Dem_TestLastReportError StatusPreExtData()	193	12	No	Unset	Unreviewed	
41570	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..99]	Dem_TestLastReportError StatusPreExtData()	196	80	No	Unset	Unreviewed	
41571	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..99]	Dem_TestLastReportError StatusPreExtData()	196	80	No	Unset	Unreviewed	
41608	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	Dem_ClearEvents()	234	22	No	Unset	Unreviewed	
41609	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	Dem_ClearEvents()	234	22	No	Unset	Unreviewed	
110	10.3	The value of an expression shall not be assigned to an object with a narrower essential type or of a different essential type category. The expression (of essential type category signed) is assigned to an object with a different essential type category (Boolean)	Dem_GetEvent()	250	21	No	Unset	Unreviewed	
41620	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	Dem_GetEvent()	253	39	No	Unset	Unreviewed	
41621	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	Dem_GetEvent()	253	39	No	Unset	Unreviewed	
41624	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..126]	Dem_GetEvent()	255	41	No	Unset	Unreviewed	
41625	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..126]	Dem_GetEvent()	255	41	No	Unset	Unreviewed	
111	10.3	The value of an expression shall not be assigned to an object with a narrower essential type or of a different essenti	Dem_GetEvent()	260	15	No	Unset	Unreviewed	

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
		al type category. The expression (of essential type category signed) is assigned to an object with a different essential type category (Boolean)							
41641	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	Dem_GetEventCount()	277	29	No	Unset	Unreviewed	
41642	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	Dem_GetEventCount()	277	29	No	Unset	Unreviewed	
102	10.3	The value of an expression shall not be assigned to an object with a narrower essential type or of a different essential type category. The expression (of essential type category unsigned) is assigned to an object with a different essential type category (Boolean)	Dem_BufferOverflow()	298	11	No	Unset	Unreviewed	
41665	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	Dem_BufferOverflow()	298	28	No	Unset	Unreviewed	
41666	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	Dem_BufferOverflow()	298	28	No	Unset	Unreviewed	

Table 1.21. D:\Jessie\3_NXP\S32DS_S32K312EVBQ172\8_I2C_Master_DMA_FunctionTest_RTD3.0.0\S32K312_I2C_Master_MCAL\RTD\src\Det.c

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
41596	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	Det_ReportError()	214	16	No	Unset	Unreviewed	
41597	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	Det_ReportError()	214	16	No	Unset	Unreviewed	
41638	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	Det_ReportTransientFault()	268	25	No	Unset	Unreviewed	
41639	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	Det_ReportTransientFault()	268	25	No	Unset	Unreviewed	

Table 1.22. D:\Jessie\3_NXP\S32DS_S32K312EVBQ172\8_I2C_Master_DMA_FunctionTest_RTD3.0.0\S32K312_I2C_Master_MCAL\RTD\src\Det_stub.c

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
41465	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	Det_TestLastReportError()	111	26	No	Unset	Unreviewed	
41466	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	Det_TestLastReportError()	111	26	No	Unset	Unreviewed	
41481	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	Det_TestLastReportRuntimeError()	144	33	No	Unset	Unreviewed	
41482	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	Det_TestLastReportRuntimeError()	144	33	No	Unset	Unreviewed	
41521	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	Det_TestLastReportTransientFault()	176	35	No	Unset	Unreviewed	
41522	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	Det_TestLastReportTransientFault()	176	35	No	Unset	Unreviewed	
41573	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	Det_TestNoError()	198	25	No	Unset	Unreviewed	
41574	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	Det_TestNoError()	198	25	No	Unset	Unreviewed	
112	10.1	Operands shall not be of an inappropriate essential type. The left operand of the || operator is of an inappropriate essential type category unsigned. The right operand of the || operator is of an inappropriate essential type category unsigned.	Det_TestNoError()	198	37	No	Unset	Unreviewed	
117	10.1	Operands shall not be of an inappropriate essential type. The right operand of the || operator is of an inappropriate essential type category unsigned.	Det_TestNoError()	198	66	No	Unset	Unreviewed	
118	10.1	Operands shall not be of an inappropriate essential type. The right operand of the || operator is of an inappropriate essential type category unsigned.	Det_TestNoError()	198	90	No	Unset	Unreviewed	

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
41602	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	Det_TestNoRuntimeError()	219	32	No	Unset	Unreviewed	
41603	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	Det_TestNoRuntimeError()	219	32	No	Unset	Unreviewed	
115	10.1	Operands shall not be of an inappropriate essential type. The left operand of the || operator is of an inappropriate essential type category unsigned. The right operand of the || operator is of an inappropriate essential type category unsigned.	Det_TestNoRuntimeError()	219	44	No	Unset	Unreviewed	
119	10.1	Operands shall not be of an inappropriate essential type. The right operand of the || operator is of an inappropriate essential type category unsigned.	Det_TestNoRuntimeError()	219	80	No	Unset	Unreviewed	
116	10.1	Operands shall not be of an inappropriate essential type. The right operand of the || operator is of an inappropriate essential type category unsigned.	Det_TestNoRuntimeError()	219	111	No	Unset	Unreviewed	
41611	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	Det_TestNoTransientFault()	240	34	No	Unset	Unreviewed	
41612	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	Det_TestNoTransientFault()	240	34	No	Unset	Unreviewed	
114	10.1	Operands shall not be of an inappropriate essential type. The left operand of the || operator is of an inappropriate essential type category unsigned. The right operand of the || operator is of an inappropriate essential type category unsigned.	Det_TestNoTransientFault()	240	46	No	Unset	Unreviewed	
113	10.1	Operands shall not be of an inappropriate essential type. The right operand of the || operator is of an inappropriate essential type category unsigned.	Det_TestNoTransientFault()	240	84	No	Unset	Unreviewed	
120	10.1	Operands shall not be of an inappropriate essential type. The right operand of the || operator is of an inappropriate essential type category unsigned.	Det_TestNoTransientFault()	240	117	No	Unset	Unreviewed	

Table 1.23. D:\Jessie\3_NXP\S32DS_S32K312EVBQ172\8_I2C_Master_DMA_FunctionTest_RTD3.0.0\S32K312_I2C_Master_MCAL\RTD\src\Dma_Ip.c

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
100	1.1	The program shall contain no violations of the standard C syntax and constraints, and shall not exceed the implementation's translation limits. Too many macro definitions have been found in this translation unit: 4235. The limit is 4095.	File Scope	1	1	No	Unset	Unreviewed	
31526	D4.1	Run-time failures shall be minimized. Error: pointer is outside its bounds	Dma_Ip_ConvertLogicChToHwCh()	298	34	No	Unset	Unreviewed	
31527	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Error: pointer is outside its bounds	Dma_Ip_ConvertLogicChToHwCh()	298	34	No	Unset	Unreviewed	
121	10.3	The value of an expression shall not be assigned to an object with a narrower essential type or of a different essential type category. The expression (of essential type category signed) is assigned to an object with a different essential type category (unsigned)	Static_Dma_Ip_SetLogicChannelTransferConfig()	412	23	No	Unset	Unreviewed	
122	10.3	The value of an expression shall not be assigned to an object with a narrower essential type or of a different essential type category. The expression (of essential type category signed) is assigned to an object with a different essential type category (unsigned)	Static_Dma_Ip_SetLogicChannelTransferConfig()	414	23	No	Unset	Unreviewed	
123	10.3	The value of an expression shall not be assigned to an object with a narrower essential type or of a different essential type category. The expression (of essential type category signed) is assigned to an object with a different essential type category (unsigned)	Static_Dma_Ip_SetLogicChannelTransferConfig()	418	23	No	Unset	Unreviewed	
125	10.3	The value of an expression shall not be assigned to an object with a narrower essential type or of a different essential type category. The expression (of essential type category signed) is assigned to an object with a different essential type category (unsigned)	Static_Dma_Ip_SetLogicChannelTransferConfig()	424	23	No	Unset	Unreviewed	
126	10.3	The value of an expression shall not be assigned to an object with a narrower essential type or of a different essential type category. The expression (of essential type category signed) is assig	Static_Dma_Ip_SetLogicChannelTransferConfig()	430	23	No	Unset	Unreviewed	

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
		ned to an object with a different essential type category (u nsigned)							
127	10.3	The value of an expression shall not be assigned to an obj ect with a narrower essential type or of a different essenti al type category. The expression (of essential type category signed) is assig ned to an object with a different essential type category (u nsigned)	Static_Dma_Ip_SetLogicCh annelTransferConfig()	432	23	No	Unset	Unreviewed	
124	10.3	The value of an expression shall not be assigned to an obj ect with a narrower essential type or of a different essenti al type category. The expression (of essential type category signed) is assig ned to an object with a different essential type category (u nsigned)	Static_Dma_Ip_SetLogicCh annelTransferConfig()	434	23	No	Unset	Unreviewed	
128	10.3	The value of an expression shall not be assigned to an obj ect with a narrower essential type or of a different essenti al type category. The expression (of essential type category signed) is assig ned to an object with a different essential type category (u nsigned)	Static_Dma_Ip_SetLogicCh annelTransferConfig()	459	23	No	Unset	Unreviewed	
31537	D4.1	Run-time failures shall be minimized. Error: pointer is outside its bounds	Dma_Ip_SetLogicInstanceC ommand()	689	74	No	Unset	Unreviewed	
31538	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointe r operand. Error: pointer is outside its bounds	Dma_Ip_SetLogicInstanceC ommand()	689	74	No	Unset	Unreviewed	
31539	D4.1	Run-time failures shall be minimized. Error: pointer is outside its bounds	Dma_Ip_GetLogicInstanceS tatus()	743	74	No	Unset	Unreviewed	
31540	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointe r operand. Error: pointer is outside its bounds	Dma_Ip_GetLogicInstanceS tatus()	743	74	No	Unset	Unreviewed	
31551	D4.1	Run-time failures shall be minimized. Error: pointer is outside its bounds	Dma_Ip_SetLogicChannelC ommand()	1006	73	No	Unset	Unreviewed	
31552	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointe r operand. Error: pointer is outside its bounds	Dma_Ip_SetLogicChannelC ommand()	1006	73	No	Unset	Unreviewed	
31553	D4.1	Run-time failures shall be minimized. Error: pointer is outside its bounds	Dma_Ip_GetLogicChannelS tatus()	1103	73	No	Unset	Unreviewed	

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
31554	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Error: pointer is outside its bounds	Dma_Ip_GetLogicChannelStatus()	1103	73	No	Unset	Unreviewed	
31555	D4.1	Run-time failures shall be minimized. Error: pointer is outside its bounds	Dma_Ip_SetLogicChannelGlobalList()	1173	73	No	Unset	Unreviewed	
31556	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Error: pointer is outside its bounds	Dma_Ip_SetLogicChannelGlobalList()	1173	73	No	Unset	Unreviewed	
31557	D4.1	Run-time failures shall be minimized. Error: pointer is outside its bounds	Dma_Ip_SetLogicChannelTransferList()	1285	73	No	Unset	Unreviewed	
31558	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Error: pointer is outside its bounds	Dma_Ip_SetLogicChannelTransferList()	1285	73	No	Unset	Unreviewed	
31559	D4.1	Run-time failures shall be minimized. Error: pointer is outside its bounds	Dma_Ip_SetLogicChannelScatterGatherList()	1425	73	No	Unset	Unreviewed	
31560	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Error: pointer is outside its bounds	Dma_Ip_SetLogicChannelScatterGatherList()	1425	73	No	Unset	Unreviewed	
31561	D4.1	Run-time failures shall be minimized. Error: pointer is outside its bounds	Dma_Ip_GetLogicChannelParam()	1559	73	No	Unset	Unreviewed	
31562	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Error: pointer is outside its bounds	Dma_Ip_GetLogicChannelParam()	1559	73	No	Unset	Unreviewed	
17836	5.1	External identifiers shall be distinct. External function 'Dma_Ip_SetLogicChannelScatterGatherConfig' conflicts with the external identifier 'Dma_Ip_SetLogicChannelScatterGatherList' (Dma_Ip.c line 1405).	File Scope	1590	18	No	Unset	Unreviewed	
31564	D4.1	Run-time failures shall be minimized. Error: pointer is outside its bounds	Dma_Ip_SetLogicChannelScatterGatherConfig()	1618	73	No	Unset	Unreviewed	
31565	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Error: pointer is outside its bounds	Dma_Ip_SetLogicChannelScatterGatherConfig()	1618	73	No	Unset	Unreviewed	

Table 1.24.
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	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
129	1.1	The program shall contain no violations of the standard C syntax and constraints, and shall not exceed the implementation's translation limits. Too many macro definitions have been found in this translation unit: 4191. The limit is 4095.	File Scope	1	1	No	Unset	Unreviewed	
41483	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..0]	Dma_Ip_SetHwChannel_ResetEvent()	144	42	No	Unset	Unreviewed	
41484	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..0]	Dma_Ip_SetHwChannel_ResetEvent()	144	42	No	Unset	Unreviewed	
41485	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..31]	Dma_Ip_SetHwChannel_ResetEvent()	144	53	No	Unset	Unreviewed	
41486	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..31]	Dma_Ip_SetHwChannel_ResetEvent()	144	53	No	Unset	Unreviewed	
31489	D4.1	Run-time failures shall be minimized. Error: pointer is outside its bounds	Dma_Ip_SetHwChannel_ResetEvent()	144	62	No	Unset	Unreviewed	
31490	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Error: pointer is outside its bounds	Dma_Ip_SetHwChannel_ResetEvent()	144	62	No	Unset	Unreviewed	
41501	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..0]	Dma_Ip_SetHwChannel_ReadyEvent()	157	42	No	Unset	Unreviewed	
41502	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..0]	Dma_Ip_SetHwChannel_ReadyEvent()	157	42	No	Unset	Unreviewed	
41503	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..31]	Dma_Ip_SetHwChannel_ReadyEvent()	157	53	No	Unset	Unreviewed	
41504	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..31]	Dma_Ip_SetHwChannel_ReadyEvent()	157	53	No	Unset	Unreviewed	

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
31493	D4.1	Run-time failures shall be minimized. Error: pointer is outside its bounds	Dma_Ip_SetHwChannel_ReadyEvent()	157	62	No	Unset	Unreviewed	
31494	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Error: pointer is outside its bounds	Dma_Ip_SetHwChannel_ReadyEvent()	157	62	No	Unset	Unreviewed	
41511	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..0]	Dma_Ip_SetHwChannel_TransferEvent()	170	42	No	Unset	Unreviewed	
41512	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..0]	Dma_Ip_SetHwChannel_TransferEvent()	170	42	No	Unset	Unreviewed	
41513	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..31]	Dma_Ip_SetHwChannel_TransferEvent()	170	53	No	Unset	Unreviewed	
41514	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..31]	Dma_Ip_SetHwChannel_TransferEvent()	170	53	No	Unset	Unreviewed	
31497	D4.1	Run-time failures shall be minimized. Error: pointer is outside its bounds	Dma_Ip_SetHwChannel_TransferEvent()	170	62	No	Unset	Unreviewed	
31498	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Error: pointer is outside its bounds	Dma_Ip_SetHwChannel_TransferEvent()	170	62	No	Unset	Unreviewed	
41537	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..0]	Dma_Ip_SetHwChannel_ScatterGatherEvent()	183	42	No	Unset	Unreviewed	
41538	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..0]	Dma_Ip_SetHwChannel_ScatterGatherEvent()	183	42	No	Unset	Unreviewed	
41541	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..31]	Dma_Ip_SetHwChannel_ScatterGatherEvent()	183	53	No	Unset	Unreviewed	
41542	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..31]	Dma_Ip_SetHwChannel_ScatterGatherEvent()	183	53	No	Unset	Unreviewed	
31506	D4.1	Run-time failures shall be minimized. Error: pointer is outside its bounds	Dma_Ip_SetHwChannel_ScatterGatherEvent()	183	62	No	Unset	Unreviewed	

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
31507	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Error: pointer is outside its bounds	Dma_Ip_SetHwChannel_ScatterGatherEvent()	183	62	No	Unset	Unreviewed	
41564	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..0]	Dma_Ip_SetHwChannel_ErrorEvent()	196	42	No	Unset	Unreviewed	
41565	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..0]	Dma_Ip_SetHwChannel_ErrorEvent()	196	42	No	Unset	Unreviewed	
41568	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..31]	Dma_Ip_SetHwChannel_ErrorEvent()	196	53	No	Unset	Unreviewed	
41569	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..31]	Dma_Ip_SetHwChannel_ErrorEvent()	196	53	No	Unset	Unreviewed	
31510	D4.1	Run-time failures shall be minimized. Error: pointer is outside its bounds	Dma_Ip_SetHwChannel_ErrorEvent()	196	62	No	Unset	Unreviewed	
31511	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Error: pointer is outside its bounds	Dma_Ip_SetHwChannel_ErrorEvent()	196	62	No	Unset	Unreviewed	

Table 1.25.
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	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
131	1.1	The program shall contain no violations of the standard C syntax and constraints, and shall not exceed the implementation's translation limits. Too many macro definitions have been found in this translation unit: 4211. The limit is 4095.	File Scope	1	1	No	Unset	Unreviewed	
41727	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..0]	hwAccDmaInst_CmdCancelTransfer()	366	73	No	Unset	Unreviewed	
41728	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..0]	hwAccDmaInst_CmdCancelTransfer()	366	73	No	Unset	Unreviewed	

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
41733	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..0]	hwAccDmaInst_CmdCancelTransferWithError()	387	82	No	Unset	Unreviewed	
41734	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..0]	hwAccDmaInst_CmdCancelTransferWithError()	387	82	No	Unset	Unreviewed	
41752	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..0]	hwAccDmaInst_CmdHalt()	408	63	No	Unset	Unreviewed	
41753	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..0]	hwAccDmaInst_CmdHalt()	408	63	No	Unset	Unreviewed	
41762	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..0]	hwAccDmaInst_CmdResume()	429	65	No	Unset	Unreviewed	
41763	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..0]	hwAccDmaInst_CmdResume()	429	65	No	Unset	Unreviewed	
41811	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..0]	HwAccDmaCh_CmdSetHwRequest()	493	65	No	Unset	Unreviewed	
41812	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..0]	HwAccDmaCh_CmdSetHwRequest()	493	65	No	Unset	Unreviewed	
41813	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..31]	HwAccDmaCh_CmdSetHwRequest()	493	76	No	Unset	Unreviewed	
41814	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..31]	HwAccDmaCh_CmdSetHwRequest()	493	76	No	Unset	Unreviewed	
41835	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..0]	HwAccDmaCh_CmdClearHwRequest()	511	67	No	Unset	Unreviewed	
41836	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..0]	HwAccDmaCh_CmdClearHwRequest()	511	67	No	Unset	Unreviewed	
41837	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..31]	HwAccDmaCh_CmdClearHwRequest()	511	78	No	Unset	Unreviewed	

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
41838	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..31]	HwAccDmaCh_CmdClearHwRequest()	511	78	No	Unset	Unreviewed	
41853	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..0]	HwAccDmaCh_CmdSetSwRequest()	529	65	No	Unset	Unreviewed	
41854	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..0]	HwAccDmaCh_CmdSetSwRequest()	529	65	No	Unset	Unreviewed	
41855	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..31]	HwAccDmaCh_CmdSetSwRequest()	529	76	No	Unset	Unreviewed	
41856	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..31]	HwAccDmaCh_CmdSetSwRequest()	529	76	No	Unset	Unreviewed	
41867	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..0]	HwAccDmaCh_CmdClearDone()	547	64	No	Unset	Unreviewed	
41868	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..0]	HwAccDmaCh_CmdClearDone()	547	64	No	Unset	Unreviewed	
41869	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..31]	HwAccDmaCh_CmdClearDone()	547	75	No	Unset	Unreviewed	
41870	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..31]	HwAccDmaCh_CmdClearDone()	547	75	No	Unset	Unreviewed	
41881	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..0]	HwAccDmaCh_CmdClearError()	565	65	No	Unset	Unreviewed	
41882	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..0]	HwAccDmaCh_CmdClearError()	565	65	No	Unset	Unreviewed	
41883	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..31]	HwAccDmaCh_CmdClearError()	565	76	No	Unset	Unreviewed	
41884	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointe	HwAccDmaCh_CmdClearError()	565	76	No	Unset	Unreviewed	

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
		r operand. Warning: array index may be outside bounds : [0..31]							
41930	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..0]	HwAccDmaCh_SetControl_ EnMasterIdReplication()	644	84	No	Unset	Unreviewed	
41931	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointe r operand. Warning: array index may be outside bounds : [0..0]	HwAccDmaCh_SetControl_ EnMasterIdReplication()	644	84	No	Unset	Unreviewed	
41932	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..31]	HwAccDmaCh_SetControl_ EnMasterIdReplication()	644	95	No	Unset	Unreviewed	
41933	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointe r operand. Warning: array index may be outside bounds : [0..31]	HwAccDmaCh_SetControl_ EnMasterIdReplication()	644	95	No	Unset	Unreviewed	
41948	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..0]	HwAccDmaCh_SetControl_ EnBufferedWrites()	664	79	No	Unset	Unreviewed	
41949	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointe r operand. Warning: array index may be outside bounds : [0..0]	HwAccDmaCh_SetControl_ EnBufferedWrites()	664	79	No	Unset	Unreviewed	
41950	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..31]	HwAccDmaCh_SetControl_ EnBufferedWrites()	664	90	No	Unset	Unreviewed	
41951	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointe r operand. Warning: array index may be outside bounds : [0..31]	HwAccDmaCh_SetControl_ EnBufferedWrites()	664	90	No	Unset	Unreviewed	
41959	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..0]	HwAccDmaCh_SetRequest _EnRequest()	683	74	No	Unset	Unreviewed	
41960	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointe r operand. Warning: array index may be outside bounds : [0..0]	HwAccDmaCh_SetRequest _EnRequest()	683	74	No	Unset	Unreviewed	
41961	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..31]	HwAccDmaCh_SetRequest _EnRequest()	683	85	No	Unset	Unreviewed	
41962	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointe r operand. Warning: array index may be outside bounds : [0..31]	HwAccDmaCh_SetRequest _EnRequest()	683	85	No	Unset	Unreviewed	

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
41978	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..0]	HwAccDmaCh_SetInterrupt_EnError()	700	72	No	Unset	Unreviewed	
41979	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..0]	HwAccDmaCh_SetInterrupt_EnError()	700	72	No	Unset	Unreviewed	
41980	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..31]	HwAccDmaCh_SetInterrupt_EnError()	700	83	No	Unset	Unreviewed	
41981	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..31]	HwAccDmaCh_SetInterrupt_EnError()	700	83	No	Unset	Unreviewed	
42004	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..0]	HwAccDmaCh_SetPriority_Group()	739	91	No	Unset	Unreviewed	
42005	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..0]	HwAccDmaCh_SetPriority_Group()	739	91	No	Unset	Unreviewed	
42014	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..0]	HwAccDmaCh_SetPriority_Level()	758	69	No	Unset	Unreviewed	
42015	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..0]	HwAccDmaCh_SetPriority_Level()	758	69	No	Unset	Unreviewed	
42016	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..31]	HwAccDmaCh_SetPriority_Level()	758	80	No	Unset	Unreviewed	
42017	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..31]	HwAccDmaCh_SetPriority_Level()	758	80	No	Unset	Unreviewed	
42030	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..0]	HwAccDmaCh_SetPriority_EnPreemption()	777	76	No	Unset	Unreviewed	
42031	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..0]	HwAccDmaCh_SetPriority_EnPreemption()	777	76	No	Unset	Unreviewed	
42032	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..31]	HwAccDmaCh_SetPriority_EnPreemption()	777	87	No	Unset	Unreviewed	

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
42033	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..31]	HwAccDmaCh_SetPriority_EnPreemption()	777	87	No	Unset	Unreviewed	
42044	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..0]	HwAccDmaCh_SetPriority_DisPreempt()	797	74	No	Unset	Unreviewed	
42045	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..0]	HwAccDmaCh_SetPriority_DisPreempt()	797	74	No	Unset	Unreviewed	
42046	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..31]	HwAccDmaCh_SetPriority_DisPreempt()	797	85	No	Unset	Unreviewed	
42047	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..31]	HwAccDmaCh_SetPriority_DisPreempt()	797	85	No	Unset	Unreviewed	
134	10.3	The value of an expression shall not be assigned to an object with a narrower essential type or of a different essential type category. The expression (of essential type category signed) is assigned to an object with a different essential type category (Boolean)	HwAccDmaCh_SetControl_EnStart()	1243	61	No	Unset	Unreviewed	
42364	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..0]	HwAccDmaCh_GetSourceAddress()	1408	68	No	Unset	Unreviewed	
42365	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..0]	HwAccDmaCh_GetSourceAddress()	1408	68	No	Unset	Unreviewed	
42366	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..31]	HwAccDmaCh_GetSourceAddress()	1408	79	No	Unset	Unreviewed	
42367	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..31]	HwAccDmaCh_GetSourceAddress()	1408	79	No	Unset	Unreviewed	
42380	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..0]	HwAccDmaCh_GetDestinationAddress()	1433	73	No	Unset	Unreviewed	
42381	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer	HwAccDmaCh_GetDestinationAddress()	1433	73	No	Unset	Unreviewed	

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
		r operand. Warning: array index may be outside bounds : [0..0]							
42382	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..31]	HwAccDmaCh_GetDestinationAddress()	1433	84	No	Unset	Unreviewed	
42383	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..31]	HwAccDmaCh_GetDestinationAddress()	1433	84	No	Unset	Unreviewed	
42394	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..0]	HwAccDmaCh_GetBeginIterCount()	1456	69	No	Unset	Unreviewed	
42395	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..0]	HwAccDmaCh_GetBeginIterCount()	1456	69	No	Unset	Unreviewed	
42396	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..31]	HwAccDmaCh_GetBeginIterCount()	1456	80	No	Unset	Unreviewed	
42397	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..31]	HwAccDmaCh_GetBeginIterCount()	1456	80	No	Unset	Unreviewed	
42406	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..0]	HwAccDmaCh_GetCurrentIterCount()	1474	71	No	Unset	Unreviewed	
42407	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..0]	HwAccDmaCh_GetCurrentIterCount()	1474	71	No	Unset	Unreviewed	
42408	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..31]	HwAccDmaCh_GetCurrentIterCount()	1474	82	No	Unset	Unreviewed	
42409	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..31]	HwAccDmaCh_GetCurrentIterCount()	1474	82	No	Unset	Unreviewed	
42420	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..0]	HwAccDmaCh_GetStoreDstAddress()	1496	70	No	Unset	Unreviewed	
42421	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..0]	HwAccDmaCh_GetStoreDstAddress()	1496	70	No	Unset	Unreviewed	

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
42422	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..31]	HwAccDmaCh_GetStoreDstAddress()	1496	81	No	Unset	Unreviewed	
42423	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..31]	HwAccDmaCh_GetStoreDstAddress()	1496	81	No	Unset	Unreviewed	
42426	D4.1	Run-time failures shall be minimized. Warning: pointer may be outside its bounds	HwAccDmaCh_GetStoreDstAddress()	1500	24	No	Unset	Unreviewed	
42427	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: pointer may be outside its bounds	HwAccDmaCh_GetStoreDstAddress()	1500	24	No	Unset	Unreviewed	
42434	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..0]	HwAccDmaCh_GetMasterId()	1521	63	No	Unset	Unreviewed	
42435	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..0]	HwAccDmaCh_GetMasterId()	1521	63	No	Unset	Unreviewed	
42436	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..31]	HwAccDmaCh_GetMasterId()	1521	74	No	Unset	Unreviewed	
42437	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..31]	HwAccDmaCh_GetMasterId()	1521	74	No	Unset	Unreviewed	
42444	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..0]	HwAccDmaCh_GetIntMajor()	1540	63	No	Unset	Unreviewed	
42445	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..0]	HwAccDmaCh_GetIntMajor()	1540	63	No	Unset	Unreviewed	
42446	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..31]	HwAccDmaCh_GetIntMajor()	1540	74	No	Unset	Unreviewed	
42447	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..31]	HwAccDmaCh_GetIntMajor()	1540	74	No	Unset	Unreviewed	
42454	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..0]	HwAccDmaCh_GetIntHalfMajor()	1558	67	No	Unset	Unreviewed	

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
42455	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..0]	HwAccDmaCh_GetIntHalfMajor()	1558	67	No	Unset	Unreviewed	
42456	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..31]	HwAccDmaCh_GetIntHalfMajor()	1558	78	No	Unset	Unreviewed	
42457	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..31]	HwAccDmaCh_GetIntHalfMajor()	1558	78	No	Unset	Unreviewed	

Table 1.26. 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	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
135	1.1	The program shall contain no violations of the standard C syntax and constraints, and shall not exceed the implementation's translation limits. Too many macro definitions have been found in this translation unit: 4210. The limit is 4095.	File Scope	1	1	No	Unset	Unreviewed	
41725	D4.1	Run-time failures shall be minimized. Warning: pointer may be outside its bounds	IrqHandler()	362	73	No	Unset	Unreviewed	
41726	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: pointer may be outside its bounds	IrqHandler()	362	73	No	Unset	Unreviewed	
138	10.3	The value of an expression shall not be assigned to an object with a narrower essential type or of a different essential type category. The expression (of essential type unsigned on 32 bits) is assigned to an object with a narrower essential type (unsigned on 16 bits)	IrqHandler()	373	71	No	Unset	Unreviewed	

Table 1.27. D:\Jessie\3_NXP\S32DS_S32K312EVBQ172\8_I2C_Master_DMA_FunctionTest_RTD3.0.0\S32K312_I2C_Master_MCAL\RTD\src\Dma_Ip_Multicore.c

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
136	1.1	The program shall contain no violations of the standard C syntax and constraints, and shall not exceed the impleme	File Scope	1	1	No	Unset	Unreviewed	

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
		ntation's translation limits. Too many macro definitions have been found in this translation unit: 4187. The limit is 4095.							

Table 1.28.
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	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
152	8.4	A compatible declaration shall be visible when an object or function with external linkage is defined. Global definition of 'Emios_Ip_paxBase' variable has no previous declaration.	File Scope	97	12	No	Unset	Unreviewed	
41549	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..1]	Emios_Mcl_Ip_Init()	187	55	No	Unset	Unreviewed	
41550	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..1]	Emios_Mcl_Ip_Init()	187	55	No	Unset	Unreviewed	
161	10.3	The value of an expression shall not be assigned to an object with a narrower essential type or of a different essential type category. The expression (of essential type unsigned on 32 bits) is assigned to an object with a narrower essential type (unsigned on 16 bits)	Emios_Mcl_Ip_Init()	203	22	No	Unset	Unreviewed	
157	10.3	The value of an expression shall not be assigned to an object with a narrower essential type or of a different essential type category. The expression (of essential type unsigned on 32 bits) is assigned to an object with a narrower essential type (unsigned on 16 bits)	Emios_Mcl_Ip_Init()	204	22	No	Unset	Unreviewed	
154	10.7	If a composite expression is used as one operand of an operator in which the usual arithmetic conversions are performed then the other operand shall not have wider essential type. The right operand of the | operator shall not have wider essential type (unsigned on 32 bits) than the left operand (unsigned on 16 bits) which is a composite expression	Emios_Mcl_Ip_Init()	204	114	No	Unset	Unreviewed	
31513	D4.1	Run-time failures shall be minimized. Error: scalar shift amount is outside its bounds[0..15]	Emios_Mcl_Ip_Init()	204	198	No	Unset	Unreviewed	

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
156	12.2	The right hand operand of a shift operator shall lie in the range zero to one less than the width in bits of the essential type of the left hand operand.	Emios_Mcl_Ip_Init()	205	102	No	Unset	Unreviewed	
158	10.3	The value of an expression shall not be assigned to an object with a narrower essential type or of a different essential type category. The expression (of essential type unsigned on 32 bits) is assigned to an object with a narrower essential type (unsigned on 16 bits)	Emios_Mcl_Ip_Init()	212	91	No	Unset	Unreviewed	
163	10.3	The value of an expression shall not be assigned to an object with a narrower essential type or of a different essential type category. The expression (of essential type unsigned on 32 bits) is assigned to an object with a narrower essential type (unsigned on 16 bits)	Emios_Mcl_Ip_Init()	216	88	No	Unset	Unreviewed	
159	10.3	The value of an expression shall not be assigned to an object with a narrower essential type or of a different essential type category. The expression (of essential type unsigned on 32 bits) is assigned to an object with a narrower essential type (unsigned on 16 bits)	Emios_Mcl_Ip_Init()	247	87	No	Unset	Unreviewed	
160	10.3	The value of an expression shall not be assigned to an object with a narrower essential type or of a different essential type category. The expression (of essential type unsigned on 32 bits) is assigned to an object with a narrower essential type (unsigned on 16 bits)	Emios_Mcl_Ip_Init()	267	18	No	Unset	Unreviewed	
41644	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..1]	Emios_Mcl_Ip_EnableChannel()	288	39	No	Unset	Unreviewed	
41645	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..1]	Emios_Mcl_Ip_EnableChannel()	288	39	No	Unset	Unreviewed	
41653	D4.1	Run-time failures shall be minimized. Warning: scalar shift amount may be outside its bounds[0..15]	Emios_Mcl_Ip_EnableChannel()	289	39	No	Unset	Unreviewed	
41671	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..1]	Emios_Mcl_Ip_DisableChannel()	300	39	No	Unset	Unreviewed	
41672	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointe	Emios_Mcl_Ip_DisableChannel()	300	39	No	Unset	Unreviewed	

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
		r operand. Warning: array index may be outside bounds : [0..1]							
41673	D4.1	Run-time failures shall be minimized. Warning: scalar shift amount may be outside its bounds[0..15]	Emios_Mcl_Ip_DisableChannel()	301	38	No	Unset	Unreviewed	
41684	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..1]	Emios_Mcl_Ip_ComparatorTransferEnable()	312	39	No	Unset	Unreviewed	
41685	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..1]	Emios_Mcl_Ip_ComparatorTransferEnable()	312	39	No	Unset	Unreviewed	
18007	5.1	External identifiers shall be distinct. External function 'Emios_Mcl_Ip_ComparatorTransferDisable' conflicts with the external identifier 'Emios_Mcl_Ip_ComparatorTransferEnable' (Emios_Mcl_Ip.c line 305).	File Scope	318	5	No	Unset	Unreviewed	
41691	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..1]	Emios_Mcl_Ip_ComparatorTransferDisable()	325	39	No	Unset	Unreviewed	
41692	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..1]	Emios_Mcl_Ip_ComparatorTransferDisable()	325	39	No	Unset	Unreviewed	
41701	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..1]	Emios_Mcl_Ip_Deinit()	339	55	No	Unset	Unreviewed	
41702	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..1]	Emios_Mcl_Ip_Deinit()	339	55	No	Unset	Unreviewed	
162	10.3	The value of an expression shall not be assigned to an object with a narrower essential type or of a different essential type category. The expression (of essential type unsigned on 32 bits) is assigned to an object with a narrower essential type (unsigned on 16 bits)	Emios_Mcl_Ip_Deinit()	352	22	No	Unset	Unreviewed	
153	10.3	The value of an expression shall not be assigned to an object with a narrower essential type or of a different essential type category. The expression (of essential type unsigned on 32 bits) is assigned to an object with a narrower essential type (unsigned on 16 bits)	Emios_Mcl_Ip_Deinit()	353	22	No	Unset	Unreviewed	

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
164	10.3	The value of an expression shall not be assigned to an object with a narrower essential type or of a different essential type category. The expression (of essential type unsigned on 32 bits) is assigned to an object with a narrower essential type (unsigned on 16 bits)	Emios_Mcl_Ip_Deinit()	362	72	No	Unset	Unreviewed	
165	10.3	The value of an expression shall not be assigned to an object with a narrower essential type or of a different essential type category. The expression (of essential type unsigned on 32 bits) is assigned to an object with a narrower essential type (unsigned on 16 bits)	Emios_Mcl_Ip_Deinit()	363	72	No	Unset	Unreviewed	
41744	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..1]	Emios_Mcl_Ip_SetReloadInterval()	398	20	No	Unset	Unreviewed	
41745	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..1]	Emios_Mcl_Ip_SetReloadInterval()	398	20	No	Unset	Unreviewed	
41746	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..23]	Emios_Mcl_Ip_SetReloadInterval()	398	39	No	Unset	Unreviewed	
41747	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..23]	Emios_Mcl_Ip_SetReloadInterval()	398	39	No	Unset	Unreviewed	
41754	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..1]	Emios_Mcl_Ip_ValidateChannel()	411	31	No	Unset	Unreviewed	
41755	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..1]	Emios_Mcl_Ip_ValidateChannel()	411	31	No	Unset	Unreviewed	
41756	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..23]	Emios_Mcl_Ip_ValidateChannel()	411	43	No	Unset	Unreviewed	
41757	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..23]	Emios_Mcl_Ip_ValidateChannel()	411	43	No	Unset	Unreviewed	
41766	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..1]	Emios_Mcl_Ip_SetCounterBusPeriod()	432	29	No	Unset	Unreviewed	
41767	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointe	Emios_Mcl_Ip_SetCounterBusPeriod()	432	29	No	Unset	Unreviewed	

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
		r operand. Warning: array index may be outside bounds : [0..1]							
41768	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..23]	Emios_Mcl_Ip_SetCounter BusPeriod()	432	41	No	Unset	Unreviewed	
41769	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointe r operand. Warning: array index may be outside bounds : [0..23]	Emios_Mcl_Ip_SetCounter BusPeriod()	432	41	No	Unset	Unreviewed	
41792	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..1]	Emios_Mcl_Ip_GetCounter BusPeriod()	468	56	No	Unset	Unreviewed	
41793	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointe r operand. Warning: array index may be outside bounds : [0..1]	Emios_Mcl_Ip_GetCounter BusPeriod()	468	56	No	Unset	Unreviewed	
41794	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..23]	Emios_Mcl_Ip_GetCounter BusPeriod()	468	66	No	Unset	Unreviewed	
41795	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointe r operand. Warning: array index may be outside bounds : [0..23]	Emios_Mcl_Ip_GetCounter BusPeriod()	468	66	No	Unset	Unreviewed	
41821	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..1]	Emios_Mcl_Ip_ConfigureGl obalTimebase()	497	39	No	Unset	Unreviewed	
41822	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointe r operand. Warning: array index may be outside bounds : [0..1]	Emios_Mcl_Ip_ConfigureGl obalTimebase()	497	39	No	Unset	Unreviewed	
155	10.3	The value of an expression shall not be assigned to an obj ect with a narrower essential type or of a different essenti al type category. The expression (of essential type unsigned on 32 bits) is as signed to an object with a narrower essential type (unsign ed on 16 bits)	Emios_Mcl_Ip_ConfigureGl obalTimebase()	501	18	No	Unset	Unreviewed	
166	10.3	The value of an expression shall not be assigned to an obj ect with a narrower essential type or of a different essenti al type category. The expression (of essential type unsigned on 32 bits) is as signed to an object with a narrower essential type (unsign ed on 16 bits)	Emios_Mcl_Ip_ConfigureGl obalTimebase()	505	18	No	Unset	Unreviewed	

Table 1.29.
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	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
41487	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..0]	Flexio_Mcl_Ip_InitDevice()	148	32	No	Unset	Unreviewed	
41488	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..0]	Flexio_Mcl_Ip_InitDevice()	148	32	No	Unset	Unreviewed	
41519	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..0]	Flexio_Mcl_Ip_DeinitDevice()	176	32	No	Unset	Unreviewed	
41520	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..0]	Flexio_Mcl_Ip_DeinitDevice()	176	32	No	Unset	Unreviewed	

Table 1.30.
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	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
168	10.3	The value of an expression shall not be assigned to an object with a narrower essential type or of a different essential type category. The expression (of essential type unsigned on 32 bits) is assigned to an object with a narrower essential type (unsigned on 16 bits)	Flexio_Mcl_Ip_SetDebugEnable()	179	13	No	Unset	Unreviewed	
31501	D4.1	Run-time failures shall be minimized. Error: scalar shift amount is outside its bounds[0..15]	Flexio_Mcl_Ip_SetDebugEnable()	179	62	No	Unset	Unreviewed	
169	10.3	The value of an expression shall not be assigned to an object with a narrower essential type or of a different essential type category. The expression (of essential type category signed) is assigned to an object with a different essential type category (Boolean)	Flexio_Mcl_Ip_GetShifterStatus()	209	11	No	Unset	Unreviewed	
41589	D4.1	Run-time failures shall be minimized. Warning: scalar shift amount may be outside its bounds[0..15]	Flexio_Mcl_Ip_GetShifterStatus()	209	35	No	Unset	Unreviewed	

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
171	10.3	The value of an expression shall not be assigned to an object with a narrower essential type or of a different essential type category. The expression (of essential type unsigned on 32 bits) is assigned to an object with a narrower essential type (unsigned on 16 bits)	Flexio_Mcl_Ip_ClearShifterStatus()	234	24	No	Unset	Unreviewed	
41610	D4.1	Run-time failures shall be minimized. Warning: scalar shift amount may be outside its bounds[0..31]	Flexio_Mcl_Ip_ClearShifterStatus()	234	30	No	Unset	Unreviewed	
170	10.3	The value of an expression shall not be assigned to an object with a narrower essential type or of a different essential type category. The expression (of essential type category signed) is assigned to an object with a different essential type category (Boolean)	Flexio_Mcl_Ip_GetShifterErrorStatus()	248	11	No	Unset	Unreviewed	
41619	D4.1	Run-time failures shall be minimized. Warning: scalar shift amount may be outside its bounds[0..15]	Flexio_Mcl_Ip_GetShifterErrorStatus()	248	34	No	Unset	Unreviewed	
172	10.3	The value of an expression shall not be assigned to an object with a narrower essential type or of a different essential type category. The expression (of essential type unsigned on 32 bits) is assigned to an object with a narrower essential type (unsigned on 16 bits)	Flexio_Mcl_Ip_ClearShifterErrorStatus()	273	23	No	Unset	Unreviewed	
41640	D4.1	Run-time failures shall be minimized. Warning: scalar shift amount may be outside its bounds[0..31]	Flexio_Mcl_Ip_ClearShifterErrorStatus()	273	29	No	Unset	Unreviewed	
173	10.3	The value of an expression shall not be assigned to an object with a narrower essential type or of a different essential type category. The expression (of essential type category signed) is assigned to an object with a different essential type category (Boolean)	Flexio_Mcl_Ip_GetTimerStatus()	289	11	No	Unset	Unreviewed	
41652	D4.1	Run-time failures shall be minimized. Warning: scalar shift amount may be outside its bounds[0..15]	Flexio_Mcl_Ip_GetTimerStatus()	289	33	No	Unset	Unreviewed	
174	10.3	The value of an expression shall not be assigned to an object with a narrower essential type or of a different essential type category. The expression (of essential type category signed) is assig	Flexio_Mcl_Ip_GetTimerInterruptEnable()	295	11	No	Unset	Unreviewed	

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
		ned to an object with a different essential type category (Boolean)							
41662	D4.1	Run-time failures shall be minimized. Warning: scalar shift amount may be outside its bounds[0..15]	Flexio_Mcl_Ip_GetTimerInterruptEnable()	295	32	No	Unset	Unreviewed	
175	10.3	The value of an expression shall not be assigned to an object with a narrower essential type or of a different essential type category. The expression (of essential type unsigned on 32 bits) is assigned to an object with a narrower essential type (unsigned on 16 bits)	Flexio_Mcl_Ip_ClearTimerStatus()	320	22	No	Unset	Unreviewed	
41686	D4.1	Run-time failures shall be minimized. Warning: scalar shift amount may be outside its bounds[0..31]	Flexio_Mcl_Ip_ClearTimerStatus()	320	28	No	Unset	Unreviewed	
18062	5.1	External identifiers shall be distinct. External function 'Flexio_Mcl_Ip_GetAllShifterErrorInterrupt' conflicts with the external identifier 'Flexio_Mcl_Ip_GetAllShifterErrorStatus' (Flexio_Mcl_Ip_HwAccess.h line 315).	File Scope	339	8	No	Unset	Unreviewed	

**Table 1.31.
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	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
176	8.4	A compatible declaration shall be visible when an object or function with external linkage is defined. Global definition of 'Flexio_Uart_Ip_apStateStructure' variable has no previous declaration.	File Scope	171	34	No	Unset	Unreviewed	
177	8.4	A compatible declaration shall be visible when an object or function with external linkage is defined. Global definition of 'Flexio_Uart_Ip_apUserConfig' variable has no previous declaration.	File Scope	195	38	No	Unset	Unreviewed	

Table 1.32. D:\Jessie\3_NXP\S32DS_S32K312EVBQ172\8_I2C_Master_DMA_FunctionTest_RTD3.0.0\S32K312_I2C_Master_MCAL\RTD\src\I2c_Ipw.c

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
41497	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..5]	I2c_Ipw_SlaveCallback()	154	31	No	Unset	Unreviewed	

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
41498	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..5]	I2c_Ipw_SlaveCallback()	154	31	No	Unset	Unreviewed	
41507	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..5]	I2c_Ipw_SlaveCallback()	159	31	No	Unset	Unreviewed	
41508	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..5]	I2c_Ipw_SlaveCallback()	159	31	No	Unset	Unreviewed	

Table 1.33. D:\Jessie\3_NXP\S32DS_S32K312EVBQ172\8_I2C_Master_DMA_FunctionTest_RTD3.0.0\S32K312_I2C_Master_MCAL\RTD\src\Igf_Port_Ip.c

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
187	1.1	The program shall contain no violations of the standard C syntax and constraints, and shall not exceed the implementation's translation limits. Too many macro definitions have been found in this translation unit: 5417. The limit is 4095.	File Scope	1	1	No	Unset	Unreviewed	

Table 1.34. D:\Jessie\3_NXP\S32DS_S32K312EVBQ172\8_I2C_Master_DMA_FunctionTest_RTD3.0.0\S32K312_I2C_Master_MCAL\RTD\src\IntCtrl_Ip.c

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
194	8.5	An external object or function shall be declared once in one and only one file. Variable '__INT_SRAM_START' that has external linkage should be declared in a header file.	File Scope	77	14	No	Unset	Unreviewed	
195	D2.1	All source files shall compile without any compilation errors. Identifier "S32_SCB" is undefined	IntCtrl_Ip_InstallHandlerPrivileged()	207	14	No	Unset	Unreviewed	
196	D2.1	All source files shall compile without any compilation errors. Identifier "S32_NVIC" is undefined	IntCtrl_Ip_EnableIrqPrivileged()	273	4	No	Unset	Unreviewed	
198	D2.1	All source files shall compile without any compilation errors. Identifier "S32_NVIC" is undefined	IntCtrl_Ip_DisableIrqPrivileged()	303	4	No	Unset	Unreviewed	

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
199	D2.1	All source files shall compile without any compilation errors. Identifier "S32_NVIC" is undefined	IntCtrl_Ip_SetPriorityPrivileged()	327	4	No	Unset	Unreviewed	
197	D2.1	All source files shall compile without any compilation errors. Identifier "S32_NVIC" is undefined	IntCtrl_Ip_GetPriorityPrivileged()	383	23	No	Unset	Unreviewed	
200	D2.1	All source files shall compile without any compilation errors. Identifier "S32_NVIC" is undefined	IntCtrl_Ip_ClearPendingPrivileged()	443	4	No	Unset	Unreviewed	

Table 1.35. D:\Jessie\3_NXP\S32DS_S32K312EVBQ172\8_I2C_Master_DMA_FunctionTest_RTD3.0.0\S32K312_I2C_Master_MCAL\RTD\src\Lpi2c_Ip.c

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
201	1.1	The program shall contain no violations of the standard C syntax and constraints, and shall not exceed the implementation's translation limits. Too many macro definitions have been found in this translation unit: 4845. The limit is 4095.	File Scope	1	1	No	Unset	Unreviewed	
31549	D4.1	Run-time failures shall be minimized. Error: pointer is outside its bounds	Lpi2c_Ip_MasterCompleteDMATransfer()	971	14	No	Unset	Unreviewed	
31550	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Error: pointer is outside its bounds	Lpi2c_Ip_MasterCompleteDMATransfer()	971	14	No	Unset	Unreviewed	
42504	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..1]	Lpi2c_Ip_MasterSetBaudRate()	1710	30	No	Unset	Unreviewed	
42505	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..1]	Lpi2c_Ip_MasterSetBaudRate()	1710	30	No	Unset	Unreviewed	
31566	D4.1	Run-time failures shall be minimized. Error: pointer is outside its bounds	Lpi2c_Ip_MasterSetBaudRate()	1717	13	No	Unset	Unreviewed	
31567	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Error: pointer is outside its bounds	Lpi2c_Ip_MasterSetBaudRate()	1717	13	No	Unset	Unreviewed	
42602	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..1]	Lpi2c_Ip_MasterGetBaudRate()	2008	30	No	Unset	Unreviewed	

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
42603	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..1]	Lpi2c_Ip_MasterGetBaudRate()	2008	30	No	Unset	Unreviewed	
31568	D4.1	Run-time failures shall be minimized. Error: pointer is outside its bounds	Lpi2c_Ip_MasterGetBaudRate()	2020	38	No	Unset	Unreviewed	
31569	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Error: pointer is outside its bounds	Lpi2c_Ip_MasterGetBaudRate()	2020	38	No	Unset	Unreviewed	
17826	5.1	External identifiers shall be distinct. External function 'Lpi2c_Ip_DmaCompleteNotification1' conflicts with the external identifier 'Lpi2c_Ip_DmaCompleteNotification0' (Lpi2c_Ip.c line 3183).	File Scope	3240	5	No	Unset	Unreviewed	

Table 1.36.
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	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
206	8.4	A compatible declaration shall be visible when an object or function with external linkage is defined. Global definition of 'Lpuart_Uart_Ip_apStateStructure' variable has no previous declaration.	File Scope	154	34	No	Unset	Unreviewed	
203	8.4	A compatible declaration shall be visible when an object or function with external linkage is defined. Global definition of 'Lpuart_Uart_Ip_apUserConfig' variable has no previous declaration.	File Scope	157	38	No	Unset	Unreviewed	
204	13.2	The value of an expression and its persistent side effects shall be the same under all permitted evaluation orders. The value of the expression depends on the order of evaluation because of multiple read accesses to objects of volatile-qualified type	Lpuart_Uart_Ip_Deinit()	348	12	No	Unset	Unreviewed	
210	13.5	The right hand operand of a logical && or || operator shall not contain persistent side effects.	Lpuart_Uart_Ip_Deinit()	348	56	No	Unset	Unreviewed	
205	13.5	The right hand operand of a logical && or || operator shall not contain persistent side effects.	Lpuart_Uart_Ip_SyncSend()	431	40	No	Unset	Unreviewed	
208	13.5	The right hand operand of a logical && or || operator shall not contain persistent side effects.	Lpuart_Uart_Ip_SyncSend()	435	90	No	Unset	Unreviewed	

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
209	13.2	The value of an expression and its persistent side effects shall be the same under all permitted evaluation orders. The value of the expression depends on the order of evaluation because of multiple read accesses to objects of volatile-qualified type	Lpuart_Uart_Ip_SyncReceive()	719	19	No	Unset	Unreviewed	
211	13.5	The right hand operand of a logical && or || operator shall not contain persistent side effects.	Lpuart_Uart_Ip_StartGetData()	762	40	No	Unset	Unreviewed	
212	13.5	The right hand operand of a logical && or || operator shall not contain persistent side effects.	Lpuart_Uart_Ip_StartGetData()	766	105	No	Unset	Unreviewed	
213	13.2	The value of an expression and its persistent side effects shall be the same under all permitted evaluation orders. The value of the expression depends on the order of evaluation because of multiple read accesses to objects of volatile-qualified type	Lpuart_Uart_Ip_SetBaudRate()	1024	14	No	Unset	Unreviewed	
207	13.5	The right hand operand of a logical && or || operator shall not contain persistent side effects.	Lpuart_Uart_Ip_CompleteSendDataUsingInt()	1595	75	No	Unset	Unreviewed	
214	13.5	The right hand operand of a logical && or || operator shall not contain persistent side effects.	Lpuart_Uart_Ip_CompleteReceiveDataUsingInt()	1882	81	No	Unset	Unreviewed	

Table 1.37. D:\Jessie\3_NXP\S32DS_S32K312EVBQ172\8_I2C_Master_DMA_FunctionTest_RTD3.0.0\S32K312_I2C_Master_MCAL\RTD\src\Mcu.c

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
219	1.1	The program shall contain no violations of the standard C syntax and constraints, and shall not exceed the implementation's translation limits. Too many macro definitions have been found in this translation unit: 5894. The limit is 4095.	File Scope	1	1	No	Unset	Unreviewed	
42078	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..0]	Mcu_InitClock()	849	54	No	Unset	Unreviewed	
42079	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..0]	Mcu_InitClock()	849	54	No	Unset	Unreviewed	
31545	D4.1	Run-time failures shall be minimized. Error: pointer is outside its bounds	Mcu_InitClock()	867	47	No	Unset	Unreviewed	
31546	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointe	Mcu_InitClock()	867	47	No	Unset	Unreviewed	

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
		r operand. Error: pointer is outside its bounds							
42116	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..0]	Mcu_SetMode()	902	48	No	Unset	Unreviewed	
42117	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointe r operand. Warning: array index may be outside bounds : [0..0]	Mcu_SetMode()	902	48	No	Unset	Unreviewed	
31547	D4.1	Run-time failures shall be minimized. Error: pointer is outside its bounds	Mcu_SetMode()	917	46	No	Unset	Unreviewed	
31548	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointe r operand. Error: pointer is outside its bounds	Mcu_SetMode()	917	46	No	Unset	Unreviewed	

Table 1.38. D:\Jessie\3_NXP\S32DS_S32K312EVBQ172\8_I2C_Master_DMA_FunctionTest_RTD3.0.0\S32K312_I2C_Master_MCAL\RTD\src\Mcu_Dem_Wrapper.c

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
220	1.1	The program shall contain no violations of the standard C syntax and constraints, and shall not exceed the impleme ntation's translation limits. Too many macro definitions have been found in this trans lation unit: 5851. The limit is 4095.	File Scope	1	1	No	Unset	Unreviewed	

Table 1.39. D:\Jessie\3_NXP\S32DS_S32K312EVBQ172\8_I2C_Master_DMA_FunctionTest_RTD3.0.0\S32K312_I2C_Master_MCAL\RTD\src\Mcu_Ipw.c

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
221	1.1	The program shall contain no violations of the standard C syntax and constraints, and shall not exceed the impleme ntation's translation limits. Too many macro definitions have been found in this trans lation unit: 9659. The limit is 4095.	File Scope	1	1	No	Unset	Unreviewed	

**Table 1.40.
D:\Jessie\3_NXP\S32DS_S32K312EVBQ172\8_I2C_Master_DMA_FunctionTest_RTD3.0.0\S32K312_I2C_Master_MCAL\RTD\src\OsIf_Timer_System_Internal_Systick.c**

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
229	10.3	The value of an expression shall not be assigned to an object with a narrower essential type or of a different essential type category. The expression (of essential type unsigned on 32 bits) is assigned to an object with a narrower essential type (unsigned on 16 bits)	File Scope	116	8	No	Unset	Unreviewed	
227	10.3	The value of an expression shall not be assigned to an object with a narrower essential type or of a different essential type category. The expression (of essential type unsigned on 32 bits) is assigned to an object with a narrower essential type (unsigned on 16 bits)	OsIf_Timer_System_Internal_Init()	159	45	No	Unset	Unreviewed	
228	10.3	The value of an expression shall not be assigned to an object with a narrower essential type or of a different essential type category. The expression (of essential type unsigned on 32 bits) is assigned to an object with a narrower essential type (unsigned on 16 bits)	OsIf_Timer_System_Internal_Init()	160	45	No	Unset	Unreviewed	

Table 1.41. D:\Jessie\3_NXP\S32DS_S32K312EVBQ172\8_I2C_Master_DMA_FunctionTest_RTD3.0.0\S32K312_I2C_Master_MCAL\RTD\src\Pit_Ip.c

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
234	9.3	Arrays shall not be partially initialized.	File Scope	197	84	No	Unset	Unreviewed	
230	10.3	The value of an expression shall not be assigned to an object with a narrower essential type or of a different essential type category. The expression (of essential type unsigned on 32 bits) is assigned to an object with a narrower essential type (unsigned on 16 bits)	Pit_Ip_Reset()	565	37	No	Unset	Unreviewed	
231	10.3	The value of an expression shall not be assigned to an object with a narrower essential type or of a different essential type category. The expression (of essential type unsigned on 32 bits) is assigned to an object with a narrower essential type (unsigned on 16 bits)	Pit_Ip_Reset()	597	42	No	Unset	Unreviewed	

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
232	10.3	The value of an expression shall not be assigned to an object with a narrower essential type or of a different essential type category. The expression (of essential type category signed) is assigned to an object with a different essential type category (Boolean)	Pit_Ip_IsChannelRunning()	628	18	No	Unset	Unreviewed	
41942	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..1]	Pit_Ip_SetCounterValue()	658	15	No	Unset	Unreviewed	
41943	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..1]	Pit_Ip_SetCounterValue()	658	15	No	Unset	Unreviewed	
42034	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..1]	Pit_Ip_GetUpperLifetimerValue()	784	24	No	Unset	Unreviewed	
42035	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..1]	Pit_Ip_GetUpperLifetimerValue()	784	24	No	Unset	Unreviewed	
233	10.3	The value of an expression shall not be assigned to an object with a narrower essential type or of a different essential type category. The expression (of essential type category signed) is assigned to an object with a different essential type category (Boolean)	Pit_Ip_GetInterruptEnableFlag()	928	19	No	Unset	Unreviewed	
235	12.2	The right hand operand of a shift operator shall lie in the range zero to one less than the width in bits of the essential type of the left hand operand.	Pit_Ip_GetLifetimeTimer()	1595	37	No	Unset	Unreviewed	
31563	D4.1	Run-time failures shall be minimized. Error: scalar shift amount is outside its bounds[0..31]	Pit_Ip_GetLifetimeTimer()	1595	37	No	Unset	Unreviewed	

Table 1.42. D:\Jessie\3_NXP\S32DS_S32K312EVBQ172\8_I2C_Master_DMA_FunctionTest_RTD3.0.0\S32K312_I2C_Master_MCAL\RTD\src\Port.c

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
236	1.1	The program shall contain no violations of the standard C syntax and constraints, and shall not exceed the implementation's translation limits. Too many macro definitions have been found in this translation unit: 7688. The limit is 4095.	File Scope	1	1	No	Unset	Unreviewed	

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
239	8.5	An external object or function shall be declared once in one and only one file. Variable 'Port_Config' that has external linkage should be declared in a header file.	File Scope	134	33	No	Unset	Unreviewed	

Table 1.43. D:\Jessie\3_NXP\S32DS_S32K312EVBQ172\8_I2C_Master_DMA_FunctionTest_RTD3.0.0\S32K312_I2C_Master_MCAL\RTD\src\Port_Ipw.c

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
238	1.1	The program shall contain no violations of the standard C syntax and constraints, and shall not exceed the implementation's translation limits. Too many macro definitions have been found in this translation unit: 7711. The limit is 4095.	File Scope	1	1	No	Unset	Unreviewed	
240	10.3	The value of an expression shall not be assigned to an object with a narrower essential type or of a different essential type category. The expression (of essential type unsigned on 32 bits) is assigned to an object with a narrower essential type (unsigned on 16 bits)	Port_Ipw_SetInoutMode()	788	34	No	Unset	Unreviewed	
241	10.3	The value of an expression shall not be assigned to an object with a narrower essential type or of a different essential type category. The expression (of essential type unsigned on 32 bits) is assigned to an object with a narrower essential type (unsigned on 16 bits)	Port_Ipw_SetInputMode()	862	34	No	Unset	Unreviewed	

Table 1.44. 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	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
246	10.3	The value of an expression shall not be assigned to an object with a narrower essential type or of a different essential type category. The expression (of essential type unsigned on 32 bits) is assigned to an object with a narrower essential type (unsigned on 16 bits)	Power_Ip_DCM_GPR_GlobalPadkeepingConfig()	246	14	No	Unset	Unreviewed	
31523	D4.1	Run-time failures shall be minimized. Error: scalar shift amount is outside its bounds[0..15]	Power_Ip_DCM_GPR_GlobalPadkeepingConfig()	246	51	No	Unset	Unreviewed	

Table 1.45.
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	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
41806	D4.1	Run-time failures shall be minimized. Warning: scalar shift amount may be outside its bounds[0..15]	Power_Ip_MC_RGM_CheckResetReason()	484	37	No	Unset	Unreviewed	
41929	D4.1	Run-time failures shall be minimized. Warning: scalar shift amount may be outside its bounds[0..15]	Power_Ip_MC_RGM_GetResetRawValue()	642	41	No	Unset	Unreviewed	
41958	D4.1	Run-time failures shall be minimized. Warning: scalar shift amount may be outside its bounds[0..15]	Power_Ip_MC_RGM_GetResetRawValue()	681	41	No	Unset	Unreviewed	
41965	D4.1	Run-time failures shall be minimized. Warning: scalar shift amount may be outside its bounds[0..15]	Power_Ip_MC_RGM_GetResetRawValue()	686	47	No	Unset	Unreviewed	

Table 1.46. D:\Jessie\3_NXP\S32DS_S32K312EVBQ172\8_I2C_Master_DMA_FunctionTest_RTD3.0.0\S32K312_I2C_Master_MCAL\RTD\src\Ram_Ip.c

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
41643	D4.1	Run-time failures shall be minimized. Warning: scalar division by zero may occur	Ram_Ip_InitRamSection()	284	90	No	Unset	Unreviewed	
41660	D4.1	Run-time failures shall be minimized. Warning: pointer may be outside its bounds	Ram_Ip_InitRamSection()	294	18	No	Unset	Unreviewed	
41661	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: pointer may be outside its bounds	Ram_Ip_InitRamSection()	294	18	No	Unset	Unreviewed	
41667	D4.1	Run-time failures shall be minimized. Warning: pointer may be outside its bounds	Ram_Ip_InitRamSection()	299	18	No	Unset	Unreviewed	
41668	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: pointer may be outside its bounds	Ram_Ip_InitRamSection()	299	18	No	Unset	Unreviewed	
41674	D4.1	Run-time failures shall be minimized. Warning: pointer may be outside its bounds	Ram_Ip_InitRamSection()	304	18	No	Unset	Unreviewed	
41675	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointe	Ram_Ip_InitRamSection()	304	18	No	Unset	Unreviewed	

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
		r operand. Warning: pointer may be outside its bounds							
41680	D4.1	Run-time failures shall be minimized. Warning: pointer may be outside its bounds	Ram_Ip_InitRamSection()	309	18	No	Unset	Unreviewed	
41681	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointe r operand. Warning: pointer may be outside its bounds	Ram_Ip_InitRamSection()	309	18	No	Unset	Unreviewed	
41693	D4.1	Run-time failures shall be minimized. Warning: pointer may be outside its bounds	Ram_Ip_InitRamSection()	329	69	No	Unset	Unreviewed	
41694	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointe r operand. Warning: pointer may be outside its bounds	Ram_Ip_InitRamSection()	329	69	No	Unset	Unreviewed	
41695	D4.1	Run-time failures shall be minimized. Warning: pointer may be outside its bounds	Ram_Ip_InitRamSection()	337	69	No	Unset	Unreviewed	
41696	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointe r operand. Warning: pointer may be outside its bounds	Ram_Ip_InitRamSection()	337	69	No	Unset	Unreviewed	
41707	D4.1	Run-time failures shall be minimized. Warning: pointer may be outside its bounds	Ram_Ip_InitRamSection()	345	69	No	Unset	Unreviewed	
41708	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointe r operand. Warning: pointer may be outside its bounds	Ram_Ip_InitRamSection()	345	69	No	Unset	Unreviewed	
41713	D4.1	Run-time failures shall be minimized. Warning: pointer may be outside its bounds	Ram_Ip_InitRamSection()	353	69	No	Unset	Unreviewed	
41714	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointe r operand. Warning: pointer may be outside its bounds	Ram_Ip_InitRamSection()	353	69	No	Unset	Unreviewed	

Table 1.47. D:\Jessie\3_NXP\S32DS_S32K312EVBQ172\8_I2C_Master_DMA_FunctionTest_RTD3.0.0\S32K312_I2C_Master_MCAL\RTD\src\SchM_Gpt.c

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
254	10.8	The value of a composite expression shall not be cast to a different essential type category or a wider essential type.	File Scope	95	16	No	Unset	Unreviewed	

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
		The value of the composite expression of essential type category Boolean shall not be cast to the different essential type category unsigned.							
266	13.2	The value of an expression and its persistent side effects shall be the same under all permitted evaluation orders. The value of the expression depends on the order of evaluation because of multiple read accesses to objects of volatile-qualified type	File Scope	95	16	No	Unset	Unreviewed	
269	D4.3	Assembly language shall be encapsulated and isolated.	Gpt_schm_read_msr()	418	8	No	Unset	Unreviewed	
258	9.1	The value of an object with automatic storage duration shall not be read before it has been set. Variable "reg_tmp" is used before its value is set	Gpt_schm_read_msr()	421	19	No	Unset	Unreviewed	
41819	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_00()	496	49	No	Unset	Unreviewed	
41820	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_00()	496	49	No	Unset	Unreviewed	
262	14.4	The controlling expression of an if statement and the controlling expression of an iteration-statement shall have essentially Boolean type.	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_00()	503	8	No	Unset	Unreviewed	
41827	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_00()	510	33	No	Unset	Unreviewed	
41828	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_00()	510	33	No	Unset	Unreviewed	
41847	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_00()	519	39	No	Unset	Unreviewed	
41848	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_00()	519	39	No	Unset	Unreviewed	
270	10.1	Operands shall not be of an inappropriate essential type. The left operand of the && operator is of an inappropriate essential type category unsigned.	SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_00()	520	116	No	Unset	Unreviewed	
17984	5.1	External identifiers shall be distinct. External function 'SchM_Enter_Gpt_GPT_EXCLUSIVE_ARE	File Scope	529	5	No	Unset	Unreviewed	

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
		A_01' conflicts with the external identifier 'SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_00' (SchM_Gpt.c line 491).							
41861	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_01()	534	49	No	Unset	Unreviewed	
41862	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_01()	534	49	No	Unset	Unreviewed	
333	14.4	The controlling expression of an if statement and the controlling expression of an iteration-statement shall have essentially Boolean type.	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_01()	541	8	No	Unset	Unreviewed	
41871	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_01()	548	33	No	Unset	Unreviewed	
41872	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_01()	548	33	No	Unset	Unreviewed	
17995	5.1	External identifiers shall be distinct. External function 'SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_01' conflicts with the external identifier 'SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_00' (SchM_Gpt.c line 515).	File Scope	553	5	No	Unset	Unreviewed	
41877	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_01()	557	39	No	Unset	Unreviewed	
41878	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_01()	557	39	No	Unset	Unreviewed	
277	10.1	Operands shall not be of an inappropriate essential type. The left operand of the && operator is of an inappropriate essential type category unsigned.	SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_01()	558	116	No	Unset	Unreviewed	
17881	5.1	External identifiers shall be distinct. External function 'SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_02' conflicts with the external identifier 'SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_00' (SchM_Gpt.c line 491).	File Scope	567	5	No	Unset	Unreviewed	
41887	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_02()	572	49	No	Unset	Unreviewed	
41888	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_02()	572	49	No	Unset	Unreviewed	

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
		r operand. Warning: array index may be outside bounds : [0..3]							
281	14.4	The controlling expression of an if statement and the controlling expression of an iteration-statement shall have essentially Boolean type.	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_02()	579	8	No	Unset	Unreviewed	
41891	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_02()	586	33	No	Unset	Unreviewed	
41892	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_02()	586	33	No	Unset	Unreviewed	
18088	5.1	External identifiers shall be distinct. External function 'SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_02' conflicts with the external identifier 'SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_00' (SchM_Gpt.c line 515).	File Scope	591	5	No	Unset	Unreviewed	
41899	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_02()	595	39	No	Unset	Unreviewed	
41900	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_02()	595	39	No	Unset	Unreviewed	
360	10.1	Operands shall not be of an inappropriate essential type. The left operand of the && operator is of an inappropriate essential type category unsigned.	SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_02()	596	116	No	Unset	Unreviewed	
18041	5.1	External identifiers shall be distinct. External function 'SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_03' conflicts with the external identifier 'SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_00' (SchM_Gpt.c line 491).	File Scope	605	5	No	Unset	Unreviewed	
41911	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_03()	610	49	No	Unset	Unreviewed	
41912	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_03()	610	49	No	Unset	Unreviewed	
288	14.4	The controlling expression of an if statement and the controlling expression of an iteration-statement shall have essentially Boolean type.	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_03()	617	8	No	Unset	Unreviewed	
41919	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_03()	624	33	No	Unset	Unreviewed	

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
41920	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_03()	624	33	No	Unset	Unreviewed	
18052	5.1	External identifiers shall be distinct. External function 'SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_03' conflicts with the external identifier 'SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_00' (SchM_Gpt.c line 515).	File Scope	629	5	No	Unset	Unreviewed	
41925	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_03()	633	39	No	Unset	Unreviewed	
41926	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_03()	633	39	No	Unset	Unreviewed	
257	10.1	Operands shall not be of an inappropriate essential type. The left operand of the && operator is of an inappropriate essential type category unsigned.	SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_03()	634	116	No	Unset	Unreviewed	
17978	5.1	External identifiers shall be distinct. External function 'SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_04' conflicts with the external identifier 'SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_00' (SchM_Gpt.c line 491).	File Scope	643	5	No	Unset	Unreviewed	
41936	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_04()	648	49	No	Unset	Unreviewed	
41937	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_04()	648	49	No	Unset	Unreviewed	
268	14.4	The controlling expression of an if statement and the controlling expression of an iteration-statement shall have essentially Boolean type.	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_04()	655	8	No	Unset	Unreviewed	
41944	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_04()	662	33	No	Unset	Unreviewed	
41945	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_04()	662	33	No	Unset	Unreviewed	
18029	5.1	External identifiers shall be distinct. External function 'SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA	File Scope	667	5	No	Unset	Unreviewed	

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
		_04' conflicts with the external identifier 'SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_00' (SchM_Gpt.c line 515).							
41954	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_04()	671	39	No	Unset	Unreviewed	
41955	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_04()	671	39	No	Unset	Unreviewed	
278	10.1	Operands shall not be of an inappropriate essential type. The left operand of the && operator is of an inappropriate essential type category unsigned.	SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_04()	672	116	No	Unset	Unreviewed	
17944	5.1	External identifiers shall be distinct. External function 'SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_05' conflicts with the external identifier 'SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_00' (SchM_Gpt.c line 491).	File Scope	681	5	No	Unset	Unreviewed	
41966	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_05()	686	49	No	Unset	Unreviewed	
41967	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_05()	686	49	No	Unset	Unreviewed	
363	14.4	The controlling expression of an if statement and the controlling expression of an iteration-statement shall have essentially Boolean type.	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_05()	693	8	No	Unset	Unreviewed	
41976	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_05()	700	33	No	Unset	Unreviewed	
41977	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_05()	700	33	No	Unset	Unreviewed	
17889	5.1	External identifiers shall be distinct. External function 'SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_05' conflicts with the external identifier 'SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_00' (SchM_Gpt.c line 515).	File Scope	705	5	No	Unset	Unreviewed	
41988	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_05()	709	39	No	Unset	Unreviewed	
41989	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer	SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_05()	709	39	No	Unset	Unreviewed	

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
		r operand. Warning: array index may be outside bounds : [0..3]							
276	10.1	Operands shall not be of an inappropriate essential type. The left operand of the && operator is of an inappropriate essential type category unsigned.	SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_05()	710	116	No	Unset	Unreviewed	
17926	5.1	External identifiers shall be distinct. External function 'SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_06' conflicts with the external identifier 'SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_00' (SchM_Gpt.c line 491).	File Scope	719	5	No	Unset	Unreviewed	
41994	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_06()	724	49	No	Unset	Unreviewed	
41995	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_06()	724	49	No	Unset	Unreviewed	
267	14.4	The controlling expression of an if statement and the controlling expression of an iteration-statement shall have essentially Boolean type.	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_06()	731	8	No	Unset	Unreviewed	
42000	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_06()	738	33	No	Unset	Unreviewed	
42001	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_06()	738	33	No	Unset	Unreviewed	
18019	5.1	External identifiers shall be distinct. External function 'SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_06' conflicts with the external identifier 'SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_00' (SchM_Gpt.c line 515).	File Scope	743	5	No	Unset	Unreviewed	
42010	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_06()	747	39	No	Unset	Unreviewed	
42011	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_06()	747	39	No	Unset	Unreviewed	
285	10.1	Operands shall not be of an inappropriate essential type. The left operand of the && operator is of an inappropriate essential type category unsigned.	SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_06()	748	116	No	Unset	Unreviewed	
18071	5.1	External identifiers shall be distinct. External function 'SchM_Enter_Gpt_GPT_EXCLUSIVE_ARE	File Scope	757	5	No	Unset	Unreviewed	

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
		A_07' conflicts with the external identifier 'SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_00' (SchM_Gpt.c line 491).							
42020	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_07()	762	49	No	Unset	Unreviewed	
42021	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_07()	762	49	No	Unset	Unreviewed	
334	14.4	The controlling expression of an if statement and the controlling expression of an iteration-statement shall have essentially Boolean type.	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_07()	769	8	No	Unset	Unreviewed	
42026	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_07()	776	33	No	Unset	Unreviewed	
42027	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_07()	776	33	No	Unset	Unreviewed	
18068	5.1	External identifiers shall be distinct. External function 'SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_07' conflicts with the external identifier 'SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_00' (SchM_Gpt.c line 515).	File Scope	781	5	No	Unset	Unreviewed	
42040	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_07()	785	39	No	Unset	Unreviewed	
42041	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_07()	785	39	No	Unset	Unreviewed	
256	10.1	Operands shall not be of an inappropriate essential type. The left operand of the && operator is of an inappropriate essential type category unsigned.	SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_07()	786	116	No	Unset	Unreviewed	
18126	5.1	External identifiers shall be distinct. External function 'SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_10' conflicts with the external identifier 'SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_00' (SchM_Gpt.c line 491).	File Scope	795	5	No	Unset	Unreviewed	
42050	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_10()	800	49	No	Unset	Unreviewed	
42051	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_10()	800	49	No	Unset	Unreviewed	

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
		r operand. Warning: array index may be outside bounds : [0..3]							
338	14.4	The controlling expression of an if statement and the controlling expression of an iteration-statement shall have essentially Boolean type.	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_10()	807	8	No	Unset	Unreviewed	
42056	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_10()	814	33	No	Unset	Unreviewed	
42057	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_10()	814	33	No	Unset	Unreviewed	
17919	5.1	External identifiers shall be distinct. External function 'SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_10' conflicts with the external identifier 'SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_00' (SchM_Gpt.c line 515).	File Scope	819	5	No	Unset	Unreviewed	
42062	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_10()	823	39	No	Unset	Unreviewed	
42063	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_10()	823	39	No	Unset	Unreviewed	
280	10.1	Operands shall not be of an inappropriate essential type. The left operand of the && operator is of an inappropriate essential type category unsigned.	SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_10()	824	116	No	Unset	Unreviewed	
18005	5.1	External identifiers shall be distinct. External function 'SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_11' conflicts with the external identifier 'SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_00' (SchM_Gpt.c line 491).	File Scope	833	5	No	Unset	Unreviewed	
42068	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_11()	838	49	No	Unset	Unreviewed	
42069	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_11()	838	49	No	Unset	Unreviewed	
337	14.4	The controlling expression of an if statement and the controlling expression of an iteration-statement shall have essentially Boolean type.	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_11()	845	8	No	Unset	Unreviewed	
42082	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_11()	852	33	No	Unset	Unreviewed	

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
42083	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_11()	852	33	No	Unset	Unreviewed	
18063	5.1	External identifiers shall be distinct. External function 'SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_11' conflicts with the external identifier 'SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_00' (SchM_Gpt.c line 515).	File Scope	857	5	No	Unset	Unreviewed	
42092	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_11()	861	39	No	Unset	Unreviewed	
42093	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_11()	861	39	No	Unset	Unreviewed	
286	10.1	Operands shall not be of an inappropriate essential type. The left operand of the && operator is of an inappropriate essential type category unsigned.	SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_11()	862	116	No	Unset	Unreviewed	
18028	5.1	External identifiers shall be distinct. External function 'SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_12' conflicts with the external identifier 'SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_00' (SchM_Gpt.c line 491).	File Scope	871	5	No	Unset	Unreviewed	
42100	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_12()	876	49	No	Unset	Unreviewed	
42101	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_12()	876	49	No	Unset	Unreviewed	
289	14.4	The controlling expression of an if statement and the controlling expression of an iteration-statement shall have essentially Boolean type.	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_12()	883	8	No	Unset	Unreviewed	
42108	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_12()	890	33	No	Unset	Unreviewed	
42109	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_12()	890	33	No	Unset	Unreviewed	
18102	5.1	External identifiers shall be distinct. External function 'SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA	File Scope	895	5	No	Unset	Unreviewed	

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
		_12' conflicts with the external identifier 'SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_00' (SchM_Gpt.c line 515).							
42114	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_12()	899	39	No	Unset	Unreviewed	
42115	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_12()	899	39	No	Unset	Unreviewed	
346	10.1	Operands shall not be of an inappropriate essential type. The left operand of the && operator is of an inappropriate essential type category unsigned.	SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_12()	900	116	No	Unset	Unreviewed	
17974	5.1	External identifiers shall be distinct. External function 'SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_17' conflicts with the external identifier 'SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_00' (SchM_Gpt.c line 491).	File Scope	909	5	No	Unset	Unreviewed	
42120	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_17()	914	49	No	Unset	Unreviewed	
42121	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_17()	914	49	No	Unset	Unreviewed	
287	14.4	The controlling expression of an if statement and the controlling expression of an iteration-statement shall have essentially Boolean type.	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_17()	921	8	No	Unset	Unreviewed	
42124	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_17()	928	33	No	Unset	Unreviewed	
42125	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_17()	928	33	No	Unset	Unreviewed	
17956	5.1	External identifiers shall be distinct. External function 'SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_17' conflicts with the external identifier 'SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_00' (SchM_Gpt.c line 515).	File Scope	933	5	No	Unset	Unreviewed	
42128	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_17()	937	39	No	Unset	Unreviewed	
42129	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer	SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_17()	937	39	No	Unset	Unreviewed	

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
		r operand. Warning: array index may be outside bounds : [0..3]							
282	10.1	Operands shall not be of an inappropriate essential type. The left operand of the && operator is of an inappropriate essential type category unsigned.	SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_17()	938	116	No	Unset	Unreviewed	
17983	5.1	External identifiers shall be distinct. External function 'SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_21' conflicts with the external identifier 'SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_00' (SchM_Gpt.c line 491).	File Scope	947	5	No	Unset	Unreviewed	
42132	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_21()	952	49	No	Unset	Unreviewed	
42133	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_21()	952	49	No	Unset	Unreviewed	
293	14.4	The controlling expression of an if statement and the controlling expression of an iteration-statement shall have essentially Boolean type.	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_21()	959	8	No	Unset	Unreviewed	
42136	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_21()	966	33	No	Unset	Unreviewed	
42137	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_21()	966	33	No	Unset	Unreviewed	
17869	5.1	External identifiers shall be distinct. External function 'SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_21' conflicts with the external identifier 'SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_00' (SchM_Gpt.c line 515).	File Scope	971	5	No	Unset	Unreviewed	
42142	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_21()	975	39	No	Unset	Unreviewed	
42143	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_21()	975	39	No	Unset	Unreviewed	
295	10.1	Operands shall not be of an inappropriate essential type. The left operand of the && operator is of an inappropriate essential type category unsigned.	SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_21()	976	116	No	Unset	Unreviewed	
17982	5.1	External identifiers shall be distinct. External function 'SchM_Enter_Gpt_GPT_EXCLUSIVE_ARE	File Scope	985	5	No	Unset	Unreviewed	

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
		A_22' conflicts with the external identifier 'SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_00' (SchM_Gpt.c line 491).							
42148	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_22()	990	49	No	Unset	Unreviewed	
42149	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_22()	990	49	No	Unset	Unreviewed	
319	14.4	The controlling expression of an if statement and the controlling expression of an iteration-statement shall have essentially Boolean type.	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_22()	997	8	No	Unset	Unreviewed	
42164	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_22()	1004	33	No	Unset	Unreviewed	
42165	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_22()	1004	33	No	Unset	Unreviewed	
17940	5.1	External identifiers shall be distinct. External function 'SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_22' conflicts with the external identifier 'SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_00' (SchM_Gpt.c line 515).	File Scope	1009	5	No	Unset	Unreviewed	
42170	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_22()	1013	39	No	Unset	Unreviewed	
42171	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_22()	1013	39	No	Unset	Unreviewed	
259	10.1	Operands shall not be of an inappropriate essential type. The left operand of the && operator is of an inappropriate essential type category unsigned.	SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_22()	1014	116	No	Unset	Unreviewed	
18008	5.1	External identifiers shall be distinct. External function 'SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_23' conflicts with the external identifier 'SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_00' (SchM_Gpt.c line 491).	File Scope	1023	5	No	Unset	Unreviewed	
42176	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_23()	1028	49	No	Unset	Unreviewed	
42177	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_23()	1028	49	No	Unset	Unreviewed	

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
		r operand. Warning: array index may be outside bounds : [0..3]							
347	14.4	The controlling expression of an if statement and the controlling expression of an iteration-statement shall have essentially Boolean type.	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_23()	1035	8	No	Unset	Unreviewed	
42184	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_23()	1042	33	No	Unset	Unreviewed	
42185	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_23()	1042	33	No	Unset	Unreviewed	
18020	5.1	External identifiers shall be distinct. External function 'SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_23' conflicts with the external identifier 'SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_00' (SchM_Gpt.c line 515).	File Scope	1047	5	No	Unset	Unreviewed	
42190	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_23()	1051	39	No	Unset	Unreviewed	
42191	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_23()	1051	39	No	Unset	Unreviewed	
315	10.1	Operands shall not be of an inappropriate essential type. The left operand of the && operator is of an inappropriate essential type category unsigned.	SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_23()	1052	116	No	Unset	Unreviewed	
17834	5.1	External identifiers shall be distinct. External function 'SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_24' conflicts with the external identifier 'SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_00' (SchM_Gpt.c line 491).	File Scope	1061	5	No	Unset	Unreviewed	
42196	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_24()	1066	49	No	Unset	Unreviewed	
42197	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_24()	1066	49	No	Unset	Unreviewed	
310	14.4	The controlling expression of an if statement and the controlling expression of an iteration-statement shall have essentially Boolean type.	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_24()	1073	8	No	Unset	Unreviewed	
42204	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_24()	1080	33	No	Unset	Unreviewed	

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
42205	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_24()	1080	33	No	Unset	Unreviewed	
17904	5.1	External identifiers shall be distinct. External function 'SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_24' conflicts with the external identifier 'SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_00' (SchM_Gpt.c line 515).	File Scope	1085	5	No	Unset	Unreviewed	
42212	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_24()	1089	39	No	Unset	Unreviewed	
42213	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_24()	1089	39	No	Unset	Unreviewed	
265	10.1	Operands shall not be of an inappropriate essential type. The left operand of the && operator is of an inappropriate essential type category unsigned.	SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_24()	1090	116	No	Unset	Unreviewed	
17968	5.1	External identifiers shall be distinct. External function 'SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_25' conflicts with the external identifier 'SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_00' (SchM_Gpt.c line 491).	File Scope	1099	5	No	Unset	Unreviewed	
42218	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_25()	1104	49	No	Unset	Unreviewed	
42219	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_25()	1104	49	No	Unset	Unreviewed	
349	14.4	The controlling expression of an if statement and the controlling expression of an iteration-statement shall have essentially Boolean type.	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_25()	1111	8	No	Unset	Unreviewed	
42224	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_25()	1118	33	No	Unset	Unreviewed	
42225	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_25()	1118	33	No	Unset	Unreviewed	
17996	5.1	External identifiers shall be distinct. External function 'SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA	File Scope	1123	5	No	Unset	Unreviewed	

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
		_25' conflicts with the external identifier 'SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_00' (SchM_Gpt.c line 515).							
42230	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_25()	1127	39	No	Unset	Unreviewed	
42231	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_25()	1127	39	No	Unset	Unreviewed	
255	10.1	Operands shall not be of an inappropriate essential type. The left operand of the && operator is of an inappropriate essential type category unsigned.	SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_25()	1128	116	No	Unset	Unreviewed	
17966	5.1	External identifiers shall be distinct. External function 'SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_26' conflicts with the external identifier 'SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_00' (SchM_Gpt.c line 491).	File Scope	1137	5	No	Unset	Unreviewed	
42236	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_26()	1142	49	No	Unset	Unreviewed	
42237	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_26()	1142	49	No	Unset	Unreviewed	
356	14.4	The controlling expression of an if statement and the controlling expression of an iteration-statement shall have essentially Boolean type.	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_26()	1149	8	No	Unset	Unreviewed	
42242	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_26()	1156	33	No	Unset	Unreviewed	
42243	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_26()	1156	33	No	Unset	Unreviewed	
18094	5.1	External identifiers shall be distinct. External function 'SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_26' conflicts with the external identifier 'SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_00' (SchM_Gpt.c line 515).	File Scope	1161	5	No	Unset	Unreviewed	
42248	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_26()	1165	39	No	Unset	Unreviewed	
42249	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer	SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_26()	1165	39	No	Unset	Unreviewed	

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
		r operand. Warning: array index may be outside bounds : [0..3]							
313	10.1	Operands shall not be of an inappropriate essential type. The left operand of the && operator is of an inappropriate essential type category unsigned.	SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_26()	1166	116	No	Unset	Unreviewed	
17837	5.1	External identifiers shall be distinct. External function 'SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_27' conflicts with the external identifier 'SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_00' (SchM_Gpt.c line 491).	File Scope	1175	5	No	Unset	Unreviewed	
42254	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_27()	1180	49	No	Unset	Unreviewed	
42255	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_27()	1180	49	No	Unset	Unreviewed	
271	14.4	The controlling expression of an if statement and the controlling expression of an iteration-statement shall have essentially Boolean type.	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_27()	1187	8	No	Unset	Unreviewed	
42260	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_27()	1194	33	No	Unset	Unreviewed	
42261	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_27()	1194	33	No	Unset	Unreviewed	
17879	5.1	External identifiers shall be distinct. External function 'SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_27' conflicts with the external identifier 'SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_00' (SchM_Gpt.c line 515).	File Scope	1199	5	No	Unset	Unreviewed	
42266	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_27()	1203	39	No	Unset	Unreviewed	
42267	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_27()	1203	39	No	Unset	Unreviewed	
298	10.1	Operands shall not be of an inappropriate essential type. The left operand of the && operator is of an inappropriate essential type category unsigned.	SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_27()	1204	116	No	Unset	Unreviewed	
18111	5.1	External identifiers shall be distinct. External function 'SchM_Enter_Gpt_GPT_EXCLUSIVE_ARE	File Scope	1213	5	No	Unset	Unreviewed	

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
		A_28' conflicts with the external identifier 'SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_00' (SchM_Gpt.c line 491).							
42272	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_28()	1218	49	No	Unset	Unreviewed	
42273	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_28()	1218	49	No	Unset	Unreviewed	
345	14.4	The controlling expression of an if statement and the controlling expression of an iteration-statement shall have essentially Boolean type.	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_28()	1225	8	No	Unset	Unreviewed	
42278	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_28()	1232	33	No	Unset	Unreviewed	
42279	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_28()	1232	33	No	Unset	Unreviewed	
18123	5.1	External identifiers shall be distinct. External function 'SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_28' conflicts with the external identifier 'SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_00' (SchM_Gpt.c line 515).	File Scope	1237	5	No	Unset	Unreviewed	
42284	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_28()	1241	39	No	Unset	Unreviewed	
42285	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_28()	1241	39	No	Unset	Unreviewed	
279	10.1	Operands shall not be of an inappropriate essential type. The left operand of the && operator is of an inappropriate essential type category unsigned.	SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_28()	1242	116	No	Unset	Unreviewed	
17851	5.1	External identifiers shall be distinct. External function 'SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_29' conflicts with the external identifier 'SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_00' (SchM_Gpt.c line 491).	File Scope	1251	5	No	Unset	Unreviewed	
42290	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_29()	1256	49	No	Unset	Unreviewed	
42291	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_29()	1256	49	No	Unset	Unreviewed	

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
		r operand. Warning: array index may be outside bounds : [0..3]							
253	14.4	The controlling expression of an if statement and the controlling expression of an iteration-statement shall have essentially Boolean type.	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_29()	1263	8	No	Unset	Unreviewed	
42296	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_29()	1270	33	No	Unset	Unreviewed	
42297	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_29()	1270	33	No	Unset	Unreviewed	
18003	5.1	External identifiers shall be distinct. External function 'SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_29' conflicts with the external identifier 'SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_00' (SchM_Gpt.c line 515).	File Scope	1275	5	No	Unset	Unreviewed	
42302	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_29()	1279	39	No	Unset	Unreviewed	
42303	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_29()	1279	39	No	Unset	Unreviewed	
260	10.1	Operands shall not be of an inappropriate essential type. The left operand of the && operator is of an inappropriate essential type category unsigned.	SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_29()	1280	116	No	Unset	Unreviewed	
17993	5.1	External identifiers shall be distinct. External function 'SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_30' conflicts with the external identifier 'SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_00' (SchM_Gpt.c line 491).	File Scope	1289	5	No	Unset	Unreviewed	
42308	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_30()	1294	49	No	Unset	Unreviewed	
42309	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_30()	1294	49	No	Unset	Unreviewed	
300	14.4	The controlling expression of an if statement and the controlling expression of an iteration-statement shall have essentially Boolean type.	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_30()	1301	8	No	Unset	Unreviewed	
42314	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_30()	1308	33	No	Unset	Unreviewed	

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
42315	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_30()	1308	33	No	Unset	Unreviewed	
17871	5.1	External identifiers shall be distinct. External function 'SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_30' conflicts with the external identifier 'SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_00' (SchM_Gpt.c line 515).	File Scope	1313	5	No	Unset	Unreviewed	
42320	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_30()	1317	39	No	Unset	Unreviewed	
42321	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_30()	1317	39	No	Unset	Unreviewed	
303	10.1	Operands shall not be of an inappropriate essential type. The left operand of the && operator is of an inappropriate essential type category unsigned.	SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_30()	1318	116	No	Unset	Unreviewed	
18105	5.1	External identifiers shall be distinct. External function 'SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_31' conflicts with the external identifier 'SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_00' (SchM_Gpt.c line 491).	File Scope	1327	5	No	Unset	Unreviewed	
42326	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_31()	1332	49	No	Unset	Unreviewed	
42327	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_31()	1332	49	No	Unset	Unreviewed	
291	14.4	The controlling expression of an if statement and the controlling expression of an iteration-statement shall have essentially Boolean type.	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_31()	1339	8	No	Unset	Unreviewed	
42332	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_31()	1346	33	No	Unset	Unreviewed	
42333	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_31()	1346	33	No	Unset	Unreviewed	
18112	5.1	External identifiers shall be distinct. External function 'SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA	File Scope	1351	5	No	Unset	Unreviewed	

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
		_31' conflicts with the external identifier 'SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_00' (SchM_Gpt.c line 515).							
42338	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_31()	1355	39	No	Unset	Unreviewed	
42339	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_31()	1355	39	No	Unset	Unreviewed	
304	10.1	Operands shall not be of an inappropriate essential type. The left operand of the && operator is of an inappropriate essential type category unsigned.	SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_31()	1356	116	No	Unset	Unreviewed	
17825	5.1	External identifiers shall be distinct. External function 'SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_35' conflicts with the external identifier 'SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_00' (SchM_Gpt.c line 491).	File Scope	1365	5	No	Unset	Unreviewed	
42344	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_35()	1370	49	No	Unset	Unreviewed	
42345	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_35()	1370	49	No	Unset	Unreviewed	
302	14.4	The controlling expression of an if statement and the controlling expression of an iteration-statement shall have essentially Boolean type.	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_35()	1377	8	No	Unset	Unreviewed	
42350	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_35()	1384	33	No	Unset	Unreviewed	
42351	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_35()	1384	33	No	Unset	Unreviewed	
18012	5.1	External identifiers shall be distinct. External function 'SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_35' conflicts with the external identifier 'SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_00' (SchM_Gpt.c line 515).	File Scope	1389	5	No	Unset	Unreviewed	
42356	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_35()	1393	39	No	Unset	Unreviewed	
42357	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer	SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_35()	1393	39	No	Unset	Unreviewed	

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
		r operand. Warning: array index may be outside bounds : [0..3]							
297	10.1	Operands shall not be of an inappropriate essential type. The left operand of the && operator is of an inappropriate essential type category unsigned.	SchM_Exit_Gpt_GPT_EXCL USIVE_AREA_35()	1394	116	No	Unset	Unreviewed	
17988	5.1	External identifiers shall be distinct. External function 'SchM_Enter_Gpt_GPT_EXCLUSIVE_ARE A_36' conflicts with the external identifier 'SchM_Enter_G pt_GPT_EXCLUSIVE_AREA_00' (SchM_Gpt.c line 491).	File Scope	1403	5	No	Unset	Unreviewed	
42362	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXC LUSIVE_AREA_36()	1408	49	No	Unset	Unreviewed	
42363	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointe r operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXC LUSIVE_AREA_36()	1408	49	No	Unset	Unreviewed	
359	14.4	The controlling expression of an if statement and the cont rolling expression of an iteration-statement shall have ess entially Boolean type.	SchM_Enter_Gpt_GPT_EXC LUSIVE_AREA_36()	1415	8	No	Unset	Unreviewed	
42372	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXC LUSIVE_AREA_36()	1422	33	No	Unset	Unreviewed	
42373	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointe r operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXC LUSIVE_AREA_36()	1422	33	No	Unset	Unreviewed	
17853	5.1	External identifiers shall be distinct. External function 'SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA _36' conflicts with the external identifier 'SchM_Exit_Gpt_ GPT_EXCLUSIVE_AREA_00' (SchM_Gpt.c line 515).	File Scope	1427	5	No	Unset	Unreviewed	
42378	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Gpt_GPT_EXCL USIVE_AREA_36()	1431	39	No	Unset	Unreviewed	
42379	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointe r operand. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Gpt_GPT_EXCL USIVE_AREA_36()	1431	39	No	Unset	Unreviewed	
305	10.1	Operands shall not be of an inappropriate essential type. The left operand of the && operator is of an inappropriate essential type category unsigned.	SchM_Exit_Gpt_GPT_EXCL USIVE_AREA_36()	1432	116	No	Unset	Unreviewed	
18061	5.1	External identifiers shall be distinct. External function 'SchM_Enter_Gpt_GPT_EXCLUSIVE_ARE	File Scope	1441	5	No	Unset	Unreviewed	

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
		A_38' conflicts with the external identifier 'SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_00' (SchM_Gpt.c line 491).							
42388	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_38()	1446	49	No	Unset	Unreviewed	
42389	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_38()	1446	49	No	Unset	Unreviewed	
325	14.4	The controlling expression of an if statement and the controlling expression of an iteration-statement shall have essentially Boolean type.	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_38()	1453	8	No	Unset	Unreviewed	
42398	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_38()	1460	33	No	Unset	Unreviewed	
42399	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_38()	1460	33	No	Unset	Unreviewed	
18002	5.1	External identifiers shall be distinct. External function 'SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_38' conflicts with the external identifier 'SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_00' (SchM_Gpt.c line 515).	File Scope	1465	5	No	Unset	Unreviewed	
42404	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_38()	1469	39	No	Unset	Unreviewed	
42405	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_38()	1469	39	No	Unset	Unreviewed	
318	10.1	Operands shall not be of an inappropriate essential type. The left operand of the && operator is of an inappropriate essential type category unsigned.	SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_38()	1470	116	No	Unset	Unreviewed	
17985	5.1	External identifiers shall be distinct. External function 'SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_39' conflicts with the external identifier 'SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_00' (SchM_Gpt.c line 491).	File Scope	1479	5	No	Unset	Unreviewed	
42414	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_39()	1484	49	No	Unset	Unreviewed	
42415	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_39()	1484	49	No	Unset	Unreviewed	

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
		r operand. Warning: array index may be outside bounds : [0..3]							
354	14.4	The controlling expression of an if statement and the controlling expression of an iteration-statement shall have essentially Boolean type.	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_39()	1491	8	No	Unset	Unreviewed	
42424	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_39()	1498	33	No	Unset	Unreviewed	
42425	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_39()	1498	33	No	Unset	Unreviewed	
17891	5.1	External identifiers shall be distinct. External function 'SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_39' conflicts with the external identifier 'SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_00' (SchM_Gpt.c line 515).	File Scope	1503	5	No	Unset	Unreviewed	
42430	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_39()	1507	39	No	Unset	Unreviewed	
42431	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_39()	1507	39	No	Unset	Unreviewed	
290	10.1	Operands shall not be of an inappropriate essential type. The left operand of the && operator is of an inappropriate essential type category unsigned.	SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_39()	1508	116	No	Unset	Unreviewed	
17905	5.1	External identifiers shall be distinct. External function 'SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_40' conflicts with the external identifier 'SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_00' (SchM_Gpt.c line 491).	File Scope	1517	5	No	Unset	Unreviewed	
42438	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_40()	1522	49	No	Unset	Unreviewed	
42439	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_40()	1522	49	No	Unset	Unreviewed	
322	14.4	The controlling expression of an if statement and the controlling expression of an iteration-statement shall have essentially Boolean type.	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_40()	1529	8	No	Unset	Unreviewed	
42442	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_40()	1536	33	No	Unset	Unreviewed	

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
42443	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_40()	1536	33	No	Unset	Unreviewed	
18128	5.1	External identifiers shall be distinct. External function 'SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_40' conflicts with the external identifier 'SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_00' (SchM_Gpt.c line 515).	File Scope	1541	5	No	Unset	Unreviewed	
42450	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_40()	1545	39	No	Unset	Unreviewed	
42451	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_40()	1545	39	No	Unset	Unreviewed	
275	10.1	Operands shall not be of an inappropriate essential type. The left operand of the && operator is of an inappropriate essential type category unsigned.	SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_40()	1546	116	No	Unset	Unreviewed	
18072	5.1	External identifiers shall be distinct. External function 'SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_41' conflicts with the external identifier 'SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_00' (SchM_Gpt.c line 491).	File Scope	1555	5	No	Unset	Unreviewed	
42458	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_41()	1560	49	No	Unset	Unreviewed	
42459	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_41()	1560	49	No	Unset	Unreviewed	
308	14.4	The controlling expression of an if statement and the controlling expression of an iteration-statement shall have essentially Boolean type.	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_41()	1567	8	No	Unset	Unreviewed	
42462	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_41()	1574	33	No	Unset	Unreviewed	
42463	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_41()	1574	33	No	Unset	Unreviewed	
17991	5.1	External identifiers shall be distinct. External function 'SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA	File Scope	1579	5	No	Unset	Unreviewed	

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
		_41' conflicts with the external identifier 'SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_00' (SchM_Gpt.c line 515).							
42466	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_41()	1583	39	No	Unset	Unreviewed	
42467	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_41()	1583	39	No	Unset	Unreviewed	
311	10.1	Operands shall not be of an inappropriate essential type. The left operand of the && operator is of an inappropriate essential type category unsigned.	SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_41()	1584	116	No	Unset	Unreviewed	
18080	5.1	External identifiers shall be distinct. External function 'SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_42' conflicts with the external identifier 'SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_00' (SchM_Gpt.c line 491).	File Scope	1593	5	No	Unset	Unreviewed	
42470	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_42()	1598	49	No	Unset	Unreviewed	
42471	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_42()	1598	49	No	Unset	Unreviewed	
307	14.4	The controlling expression of an if statement and the controlling expression of an iteration-statement shall have essentially Boolean type.	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_42()	1605	8	No	Unset	Unreviewed	
42474	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_42()	1612	33	No	Unset	Unreviewed	
42475	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_42()	1612	33	No	Unset	Unreviewed	
18042	5.1	External identifiers shall be distinct. External function 'SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_42' conflicts with the external identifier 'SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_00' (SchM_Gpt.c line 515).	File Scope	1617	5	No	Unset	Unreviewed	
42478	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_42()	1621	39	No	Unset	Unreviewed	
42479	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer	SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_42()	1621	39	No	Unset	Unreviewed	

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
		r operand. Warning: array index may be outside bounds : [0..3]							
314	10.1	Operands shall not be of an inappropriate essential type. The left operand of the && operator is of an inappropriate essential type category unsigned.	SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_42()	1622	116	No	Unset	Unreviewed	
17877	5.1	External identifiers shall be distinct. External function 'SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_43' conflicts with the external identifier 'SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_00' (SchM_Gpt.c line 491).	File Scope	1631	5	No	Unset	Unreviewed	
42482	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_43()	1636	49	No	Unset	Unreviewed	
42483	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_43()	1636	49	No	Unset	Unreviewed	
317	14.4	The controlling expression of an if statement and the controlling expression of an iteration-statement shall have essentially Boolean type.	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_43()	1643	8	No	Unset	Unreviewed	
42486	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_43()	1650	33	No	Unset	Unreviewed	
42487	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_43()	1650	33	No	Unset	Unreviewed	
18006	5.1	External identifiers shall be distinct. External function 'SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_43' conflicts with the external identifier 'SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_00' (SchM_Gpt.c line 515).	File Scope	1655	5	No	Unset	Unreviewed	
42490	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_43()	1659	39	No	Unset	Unreviewed	
42491	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_43()	1659	39	No	Unset	Unreviewed	
261	10.1	Operands shall not be of an inappropriate essential type. The left operand of the && operator is of an inappropriate essential type category unsigned.	SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_43()	1660	116	No	Unset	Unreviewed	
17972	5.1	External identifiers shall be distinct. External function 'SchM_Enter_Gpt_GPT_EXCLUSIVE_ARE	File Scope	1669	5	No	Unset	Unreviewed	

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
		A_44' conflicts with the external identifier 'SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_00' (SchM_Gpt.c line 491).							
42494	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_44()	1674	49	No	Unset	Unreviewed	
42495	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_44()	1674	49	No	Unset	Unreviewed	
320	14.4	The controlling expression of an if statement and the controlling expression of an iteration-statement shall have essentially Boolean type.	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_44()	1681	8	No	Unset	Unreviewed	
42498	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_44()	1688	33	No	Unset	Unreviewed	
42499	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_44()	1688	33	No	Unset	Unreviewed	
18022	5.1	External identifiers shall be distinct. External function 'SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_44' conflicts with the external identifier 'SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_00' (SchM_Gpt.c line 515).	File Scope	1693	5	No	Unset	Unreviewed	
42502	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_44()	1697	39	No	Unset	Unreviewed	
42503	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_44()	1697	39	No	Unset	Unreviewed	
296	10.1	Operands shall not be of an inappropriate essential type. The left operand of the && operator is of an inappropriate essential type category unsigned.	SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_44()	1698	116	No	Unset	Unreviewed	
17863	5.1	External identifiers shall be distinct. External function 'SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_45' conflicts with the external identifier 'SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_00' (SchM_Gpt.c line 491).	File Scope	1707	5	No	Unset	Unreviewed	
42508	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_45()	1712	49	No	Unset	Unreviewed	
42509	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_45()	1712	49	No	Unset	Unreviewed	

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
		r operand. Warning: array index may be outside bounds : [0..3]							
342	14.4	The controlling expression of an if statement and the controlling expression of an iteration-statement shall have essentially Boolean type.	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_45()	1719	8	No	Unset	Unreviewed	
42512	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_45()	1726	33	No	Unset	Unreviewed	
42513	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_45()	1726	33	No	Unset	Unreviewed	
18097	5.1	External identifiers shall be distinct. External function 'SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_45' conflicts with the external identifier 'SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_00' (SchM_Gpt.c line 515).	File Scope	1731	5	No	Unset	Unreviewed	
42516	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_45()	1735	39	No	Unset	Unreviewed	
42517	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_45()	1735	39	No	Unset	Unreviewed	
321	10.1	Operands shall not be of an inappropriate essential type. The left operand of the && operator is of an inappropriate essential type category unsigned.	SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_45()	1736	116	No	Unset	Unreviewed	
18109	5.1	External identifiers shall be distinct. External function 'SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_46' conflicts with the external identifier 'SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_00' (SchM_Gpt.c line 491).	File Scope	1745	5	No	Unset	Unreviewed	
42520	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_46()	1750	49	No	Unset	Unreviewed	
42521	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_46()	1750	49	No	Unset	Unreviewed	
323	14.4	The controlling expression of an if statement and the controlling expression of an iteration-statement shall have essentially Boolean type.	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_46()	1757	8	No	Unset	Unreviewed	
42524	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_46()	1764	33	No	Unset	Unreviewed	

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
42525	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_46()	1764	33	No	Unset	Unreviewed	
17948	5.1	External identifiers shall be distinct. External function 'SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_46' conflicts with the external identifier 'SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_00' (SchM_Gpt.c line 515).	File Scope	1769	5	No	Unset	Unreviewed	
42528	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_46()	1773	39	No	Unset	Unreviewed	
42529	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_46()	1773	39	No	Unset	Unreviewed	
351	10.1	Operands shall not be of an inappropriate essential type. The left operand of the && operator is of an inappropriate essential type category unsigned.	SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_46()	1774	116	No	Unset	Unreviewed	
18122	5.1	External identifiers shall be distinct. External function 'SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_50' conflicts with the external identifier 'SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_00' (SchM_Gpt.c line 491).	File Scope	1783	5	No	Unset	Unreviewed	
42532	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_50()	1788	49	No	Unset	Unreviewed	
42533	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_50()	1788	49	No	Unset	Unreviewed	
327	14.4	The controlling expression of an if statement and the controlling expression of an iteration-statement shall have essentially Boolean type.	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_50()	1795	8	No	Unset	Unreviewed	
42536	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_50()	1802	33	No	Unset	Unreviewed	
42537	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_50()	1802	33	No	Unset	Unreviewed	
17922	5.1	External identifiers shall be distinct. External function 'SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA	File Scope	1807	5	No	Unset	Unreviewed	

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
		_50' conflicts with the external identifier 'SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_00' (SchM_Gpt.c line 515).							
42540	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_50()	1811	39	No	Unset	Unreviewed	
42541	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_50()	1811	39	No	Unset	Unreviewed	
331	10.1	Operands shall not be of an inappropriate essential type. The left operand of the && operator is of an inappropriate essential type category unsigned.	SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_50()	1812	116	No	Unset	Unreviewed	
17936	5.1	External identifiers shall be distinct. External function 'SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_51' conflicts with the external identifier 'SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_00' (SchM_Gpt.c line 491).	File Scope	1821	5	No	Unset	Unreviewed	
42544	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_51()	1826	49	No	Unset	Unreviewed	
42545	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_51()	1826	49	No	Unset	Unreviewed	
332	14.4	The controlling expression of an if statement and the controlling expression of an iteration-statement shall have essentially Boolean type.	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_51()	1833	8	No	Unset	Unreviewed	
42548	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_51()	1840	33	No	Unset	Unreviewed	
42549	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_51()	1840	33	No	Unset	Unreviewed	
18026	5.1	External identifiers shall be distinct. External function 'SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_51' conflicts with the external identifier 'SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_00' (SchM_Gpt.c line 515).	File Scope	1845	5	No	Unset	Unreviewed	
42552	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_51()	1849	39	No	Unset	Unreviewed	
42553	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer	SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_51()	1849	39	No	Unset	Unreviewed	

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
		r operand. Warning: array index may be outside bounds : [0..3]							
364	10.1	Operands shall not be of an inappropriate essential type. The left operand of the && operator is of an inappropriate essential type category unsigned.	SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_51()	1850	116	No	Unset	Unreviewed	
17960	5.1	External identifiers shall be distinct. External function 'SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_52' conflicts with the external identifier 'SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_00' (SchM_Gpt.c line 491).	File Scope	1859	5	No	Unset	Unreviewed	
42556	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_52()	1864	49	No	Unset	Unreviewed	
42557	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_52()	1864	49	No	Unset	Unreviewed	
324	14.4	The controlling expression of an if statement and the controlling expression of an iteration-statement shall have essentially Boolean type.	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_52()	1871	8	No	Unset	Unreviewed	
42560	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_52()	1878	33	No	Unset	Unreviewed	
42561	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_52()	1878	33	No	Unset	Unreviewed	
17867	5.1	External identifiers shall be distinct. External function 'SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_52' conflicts with the external identifier 'SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_00' (SchM_Gpt.c line 515).	File Scope	1883	5	No	Unset	Unreviewed	
42564	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_52()	1887	39	No	Unset	Unreviewed	
42565	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_52()	1887	39	No	Unset	Unreviewed	
365	10.1	Operands shall not be of an inappropriate essential type. The left operand of the && operator is of an inappropriate essential type category unsigned.	SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_52()	1888	116	No	Unset	Unreviewed	
18118	5.1	External identifiers shall be distinct. External function 'SchM_Enter_Gpt_GPT_EXCLUSIVE_ARE	File Scope	1897	5	No	Unset	Unreviewed	

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
		A_53' conflicts with the external identifier 'SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_00' (SchM_Gpt.c line 491).							
42568	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_53()	1902	49	No	Unset	Unreviewed	
42569	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_53()	1902	49	No	Unset	Unreviewed	
357	14.4	The controlling expression of an if statement and the controlling expression of an iteration-statement shall have essentially Boolean type.	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_53()	1909	8	No	Unset	Unreviewed	
42572	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_53()	1916	33	No	Unset	Unreviewed	
42573	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_53()	1916	33	No	Unset	Unreviewed	
18049	5.1	External identifiers shall be distinct. External function 'SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_53' conflicts with the external identifier 'SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_00' (SchM_Gpt.c line 515).	File Scope	1921	5	No	Unset	Unreviewed	
42576	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_53()	1925	39	No	Unset	Unreviewed	
42577	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_53()	1925	39	No	Unset	Unreviewed	
348	10.1	Operands shall not be of an inappropriate essential type. The left operand of the && operator is of an inappropriate essential type category unsigned.	SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_53()	1926	116	No	Unset	Unreviewed	
17961	5.1	External identifiers shall be distinct. External function 'SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_54' conflicts with the external identifier 'SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_00' (SchM_Gpt.c line 491).	File Scope	1935	5	No	Unset	Unreviewed	
42580	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_54()	1940	49	No	Unset	Unreviewed	
42581	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_54()	1940	49	No	Unset	Unreviewed	

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
		r operand. Warning: array index may be outside bounds : [0..3]							
272	14.4	The controlling expression of an if statement and the controlling expression of an iteration-statement shall have essentially Boolean type.	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_54()	1947	8	No	Unset	Unreviewed	
42584	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_54()	1954	33	No	Unset	Unreviewed	
42585	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_54()	1954	33	No	Unset	Unreviewed	
17964	5.1	External identifiers shall be distinct. External function 'SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_54' conflicts with the external identifier 'SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_00' (SchM_Gpt.c line 515).	File Scope	1959	5	No	Unset	Unreviewed	
42588	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_54()	1963	39	No	Unset	Unreviewed	
42589	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_54()	1963	39	No	Unset	Unreviewed	
263	10.1	Operands shall not be of an inappropriate essential type. The left operand of the && operator is of an inappropriate essential type category unsigned.	SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_54()	1964	116	No	Unset	Unreviewed	
17959	5.1	External identifiers shall be distinct. External function 'SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_55' conflicts with the external identifier 'SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_00' (SchM_Gpt.c line 491).	File Scope	1973	5	No	Unset	Unreviewed	
42592	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_55()	1978	49	No	Unset	Unreviewed	
42593	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_55()	1978	49	No	Unset	Unreviewed	
326	14.4	The controlling expression of an if statement and the controlling expression of an iteration-statement shall have essentially Boolean type.	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_55()	1985	8	No	Unset	Unreviewed	
42596	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_55()	1992	33	No	Unset	Unreviewed	

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
42597	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_55()	1992	33	No	Unset	Unreviewed	
17986	5.1	External identifiers shall be distinct. External function 'SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_55' conflicts with the external identifier 'SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_00' (SchM_Gpt.c line 515).	File Scope	1997	5	No	Unset	Unreviewed	
42600	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_55()	2001	39	No	Unset	Unreviewed	
42601	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_55()	2001	39	No	Unset	Unreviewed	
329	10.1	Operands shall not be of an inappropriate essential type. The left operand of the && operator is of an inappropriate essential type category unsigned.	SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_55()	2002	116	No	Unset	Unreviewed	
17925	5.1	External identifiers shall be distinct. External function 'SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_56' conflicts with the external identifier 'SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_00' (SchM_Gpt.c line 491).	File Scope	2011	5	No	Unset	Unreviewed	
42606	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_56()	2016	49	No	Unset	Unreviewed	
42607	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_56()	2016	49	No	Unset	Unreviewed	
274	14.4	The controlling expression of an if statement and the controlling expression of an iteration-statement shall have essentially Boolean type.	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_56()	2023	8	No	Unset	Unreviewed	
42608	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_56()	2030	33	No	Unset	Unreviewed	
42609	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_56()	2030	33	No	Unset	Unreviewed	
17992	5.1	External identifiers shall be distinct. External function 'SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA	File Scope	2035	5	No	Unset	Unreviewed	

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
		_56' conflicts with the external identifier 'SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_00' (SchM_Gpt.c line 515).							
42612	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_56()	2039	39	No	Unset	Unreviewed	
42613	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_56()	2039	39	No	Unset	Unreviewed	
292	10.1	Operands shall not be of an inappropriate essential type. The left operand of the && operator is of an inappropriate essential type category unsigned.	SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_56()	2040	116	No	Unset	Unreviewed	
17977	5.1	External identifiers shall be distinct. External function 'SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_60' conflicts with the external identifier 'SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_00' (SchM_Gpt.c line 491).	File Scope	2049	5	No	Unset	Unreviewed	
42616	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_60()	2054	49	No	Unset	Unreviewed	
42617	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_60()	2054	49	No	Unset	Unreviewed	
273	14.4	The controlling expression of an if statement and the controlling expression of an iteration-statement shall have essentially Boolean type.	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_60()	2061	8	No	Unset	Unreviewed	
42620	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_60()	2068	33	No	Unset	Unreviewed	
42621	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_60()	2068	33	No	Unset	Unreviewed	
18031	5.1	External identifiers shall be distinct. External function 'SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_60' conflicts with the external identifier 'SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_00' (SchM_Gpt.c line 515).	File Scope	2073	5	No	Unset	Unreviewed	
42624	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_60()	2077	39	No	Unset	Unreviewed	
42625	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer	SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_60()	2077	39	No	Unset	Unreviewed	

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
		r operand. Warning: array index may be outside bounds : [0..3]							
353	10.1	Operands shall not be of an inappropriate essential type. The left operand of the && operator is of an inappropriate essential type category unsigned.	SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_60()	2078	116	No	Unset	Unreviewed	
18024	5.1	External identifiers shall be distinct. External function 'SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_61' conflicts with the external identifier 'SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_00' (SchM_Gpt.c line 491).	File Scope	2087	5	No	Unset	Unreviewed	
42628	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_61()	2092	49	No	Unset	Unreviewed	
42629	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_61()	2092	49	No	Unset	Unreviewed	
264	14.4	The controlling expression of an if statement and the controlling expression of an iteration-statement shall have essentially Boolean type.	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_61()	2099	8	No	Unset	Unreviewed	
42632	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_61()	2106	33	No	Unset	Unreviewed	
42633	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_61()	2106	33	No	Unset	Unreviewed	
17962	5.1	External identifiers shall be distinct. External function 'SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_61' conflicts with the external identifier 'SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_00' (SchM_Gpt.c line 515).	File Scope	2111	5	No	Unset	Unreviewed	
42636	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_61()	2115	39	No	Unset	Unreviewed	
42637	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_61()	2115	39	No	Unset	Unreviewed	
335	10.1	Operands shall not be of an inappropriate essential type. The left operand of the && operator is of an inappropriate essential type category unsigned.	SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_61()	2116	116	No	Unset	Unreviewed	
18037	5.1	External identifiers shall be distinct. External function 'SchM_Enter_Gpt_GPT_EXCLUSIVE_ARE	File Scope	2125	5	No	Unset	Unreviewed	

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
		A_62' conflicts with the external identifier 'SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_00' (SchM_Gpt.c line 491).							
42640	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_62()	2130	49	No	Unset	Unreviewed	
42641	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_62()	2130	49	No	Unset	Unreviewed	
344	14.4	The controlling expression of an if statement and the controlling expression of an iteration-statement shall have essentially Boolean type.	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_62()	2137	8	No	Unset	Unreviewed	
42644	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_62()	2144	33	No	Unset	Unreviewed	
42645	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_62()	2144	33	No	Unset	Unreviewed	
18090	5.1	External identifiers shall be distinct. External function 'SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_62' conflicts with the external identifier 'SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_00' (SchM_Gpt.c line 515).	File Scope	2149	5	No	Unset	Unreviewed	
42648	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_62()	2153	39	No	Unset	Unreviewed	
42649	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_62()	2153	39	No	Unset	Unreviewed	
330	10.1	Operands shall not be of an inappropriate essential type. The left operand of the && operator is of an inappropriate essential type category unsigned.	SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_62()	2154	116	No	Unset	Unreviewed	
17958	5.1	External identifiers shall be distinct. External function 'SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_63' conflicts with the external identifier 'SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_00' (SchM_Gpt.c line 491).	File Scope	2163	5	No	Unset	Unreviewed	
42652	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_63()	2168	49	No	Unset	Unreviewed	
42653	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointe	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_63()	2168	49	No	Unset	Unreviewed	

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
		r operand. Warning: array index may be outside bounds : [0..3]							
301	14.4	The controlling expression of an if statement and the controlling expression of an iteration-statement shall have essentially Boolean type.	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_63()	2175	8	No	Unset	Unreviewed	
42656	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_63()	2182	33	No	Unset	Unreviewed	
42657	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_63()	2182	33	No	Unset	Unreviewed	
17989	5.1	External identifiers shall be distinct. External function 'SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_63' conflicts with the external identifier 'SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_00' (SchM_Gpt.c line 515).	File Scope	2187	5	No	Unset	Unreviewed	
42660	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_63()	2191	39	No	Unset	Unreviewed	
42661	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_63()	2191	39	No	Unset	Unreviewed	
299	10.1	Operands shall not be of an inappropriate essential type. The left operand of the && operator is of an inappropriate essential type category unsigned.	SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_63()	2192	116	No	Unset	Unreviewed	
18076	5.1	External identifiers shall be distinct. External function 'SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_64' conflicts with the external identifier 'SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_00' (SchM_Gpt.c line 491).	File Scope	2201	5	No	Unset	Unreviewed	
42664	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_64()	2206	49	No	Unset	Unreviewed	
42665	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_64()	2206	49	No	Unset	Unreviewed	
343	14.4	The controlling expression of an if statement and the controlling expression of an iteration-statement shall have essentially Boolean type.	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_64()	2213	8	No	Unset	Unreviewed	
42668	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_64()	2220	33	No	Unset	Unreviewed	

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
42669	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_64()	2220	33	No	Unset	Unreviewed	
17852	5.1	External identifiers shall be distinct. External function 'SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_64' conflicts with the external identifier 'SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_00' (SchM_Gpt.c line 515).	File Scope	2225	5	No	Unset	Unreviewed	
42672	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_64()	2229	39	No	Unset	Unreviewed	
42673	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_64()	2229	39	No	Unset	Unreviewed	
350	10.1	Operands shall not be of an inappropriate essential type. The left operand of the && operator is of an inappropriate essential type category unsigned.	SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_64()	2230	116	No	Unset	Unreviewed	
17965	5.1	External identifiers shall be distinct. External function 'SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_65' conflicts with the external identifier 'SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_00' (SchM_Gpt.c line 491).	File Scope	2239	5	No	Unset	Unreviewed	
42676	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_65()	2244	49	No	Unset	Unreviewed	
42677	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_65()	2244	49	No	Unset	Unreviewed	
336	14.4	The controlling expression of an if statement and the controlling expression of an iteration-statement shall have essentially Boolean type.	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_65()	2251	8	No	Unset	Unreviewed	
42680	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_65()	2258	33	No	Unset	Unreviewed	
42681	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_65()	2258	33	No	Unset	Unreviewed	
17892	5.1	External identifiers shall be distinct. External function 'SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA	File Scope	2263	5	No	Unset	Unreviewed	

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
		_65' conflicts with the external identifier 'SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_00' (SchM_Gpt.c line 515).							
42682	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_65()	2267	39	No	Unset	Unreviewed	
42683	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_65()	2267	39	No	Unset	Unreviewed	
340	10.1	Operands shall not be of an inappropriate essential type. The left operand of the && operator is of an inappropriate essential type category unsigned.	SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_65()	2268	116	No	Unset	Unreviewed	
17914	5.1	External identifiers shall be distinct. External function 'SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_66' conflicts with the external identifier 'SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_00' (SchM_Gpt.c line 491).	File Scope	2277	5	No	Unset	Unreviewed	
42684	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_66()	2282	49	No	Unset	Unreviewed	
42685	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_66()	2282	49	No	Unset	Unreviewed	
328	14.4	The controlling expression of an if statement and the controlling expression of an iteration-statement shall have essentially Boolean type.	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_66()	2289	8	No	Unset	Unreviewed	
42686	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_66()	2296	33	No	Unset	Unreviewed	
42687	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_66()	2296	33	No	Unset	Unreviewed	
18074	5.1	External identifiers shall be distinct. External function 'SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_66' conflicts with the external identifier 'SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_00' (SchM_Gpt.c line 515).	File Scope	2301	5	No	Unset	Unreviewed	
42688	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_66()	2305	39	No	Unset	Unreviewed	
42689	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointe	SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_66()	2305	39	No	Unset	Unreviewed	

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
		r operand. Warning: array index may be outside bounds : [0..3]							
352	10.1	Operands shall not be of an inappropriate essential type. The left operand of the && operator is of an inappropriate essential type category unsigned.	SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_66()	2306	116	No	Unset	Unreviewed	
18000	5.1	External identifiers shall be distinct. External function 'SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_67' conflicts with the external identifier 'SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_00' (SchM_Gpt.c line 491).	File Scope	2315	5	No	Unset	Unreviewed	
42690	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_67()	2320	49	No	Unset	Unreviewed	
42691	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_67()	2320	49	No	Unset	Unreviewed	
309	14.4	The controlling expression of an if statement and the controlling expression of an iteration-statement shall have essentially Boolean type.	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_67()	2327	8	No	Unset	Unreviewed	
42692	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_67()	2334	33	No	Unset	Unreviewed	
42693	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_67()	2334	33	No	Unset	Unreviewed	
18060	5.1	External identifiers shall be distinct. External function 'SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_67' conflicts with the external identifier 'SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_00' (SchM_Gpt.c line 515).	File Scope	2339	5	No	Unset	Unreviewed	
42694	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_67()	2343	39	No	Unset	Unreviewed	
42695	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_67()	2343	39	No	Unset	Unreviewed	
339	10.1	Operands shall not be of an inappropriate essential type. The left operand of the && operator is of an inappropriate essential type category unsigned.	SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_67()	2344	116	No	Unset	Unreviewed	
18051	5.1	External identifiers shall be distinct. External function 'SchM_Enter_Gpt_GPT_EXCLUSIVE_ARE	File Scope	2353	5	No	Unset	Unreviewed	

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
		A_68' conflicts with the external identifier 'SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_00' (SchM_Gpt.c line 491).							
42696	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_68()	2358	49	No	Unset	Unreviewed	
42697	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_68()	2358	49	No	Unset	Unreviewed	
341	14.4	The controlling expression of an if statement and the controlling expression of an iteration-statement shall have essentially Boolean type.	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_68()	2365	8	No	Unset	Unreviewed	
42698	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_68()	2372	33	No	Unset	Unreviewed	
42699	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_68()	2372	33	No	Unset	Unreviewed	
17990	5.1	External identifiers shall be distinct. External function 'SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_68' conflicts with the external identifier 'SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_00' (SchM_Gpt.c line 515).	File Scope	2377	5	No	Unset	Unreviewed	
42700	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_68()	2381	39	No	Unset	Unreviewed	
42701	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_68()	2381	39	No	Unset	Unreviewed	
312	10.1	Operands shall not be of an inappropriate essential type. The left operand of the && operator is of an inappropriate essential type category unsigned.	SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_68()	2382	116	No	Unset	Unreviewed	
17975	5.1	External identifiers shall be distinct. External function 'SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_69' conflicts with the external identifier 'SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_00' (SchM_Gpt.c line 491).	File Scope	2391	5	No	Unset	Unreviewed	
42702	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_69()	2396	49	No	Unset	Unreviewed	
42703	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_69()	2396	49	No	Unset	Unreviewed	

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
		r operand. Warning: array index may be outside bounds : [0..3]							
358	14.4	The controlling expression of an if statement and the controlling expression of an iteration-statement shall have essentially Boolean type.	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_69()	2403	8	No	Unset	Unreviewed	
42704	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_69()	2410	33	No	Unset	Unreviewed	
42705	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_69()	2410	33	No	Unset	Unreviewed	
18034	5.1	External identifiers shall be distinct. External function 'SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_69' conflicts with the external identifier 'SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_00' (SchM_Gpt.c line 515).	File Scope	2415	5	No	Unset	Unreviewed	
42706	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_69()	2419	39	No	Unset	Unreviewed	
42707	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_69()	2419	39	No	Unset	Unreviewed	
283	10.1	Operands shall not be of an inappropriate essential type. The left operand of the && operator is of an inappropriate essential type category unsigned.	SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_69()	2420	116	No	Unset	Unreviewed	
17976	5.1	External identifiers shall be distinct. External function 'SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_70' conflicts with the external identifier 'SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_00' (SchM_Gpt.c line 491).	File Scope	2429	5	No	Unset	Unreviewed	
42708	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_70()	2434	49	No	Unset	Unreviewed	
42709	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_70()	2434	49	No	Unset	Unreviewed	
284	14.4	The controlling expression of an if statement and the controlling expression of an iteration-statement shall have essentially Boolean type.	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_70()	2441	8	No	Unset	Unreviewed	
42710	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_70()	2448	33	No	Unset	Unreviewed	

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
42711	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_70()	2448	33	No	Unset	Unreviewed	
18011	5.1	External identifiers shall be distinct. External function 'SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_70' conflicts with the external identifier 'SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_00' (SchM_Gpt.c line 515).	File Scope	2453	5	No	Unset	Unreviewed	
42712	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_70()	2457	39	No	Unset	Unreviewed	
42713	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_70()	2457	39	No	Unset	Unreviewed	
361	10.1	Operands shall not be of an inappropriate essential type. The left operand of the && operator is of an inappropriate essential type category unsigned.	SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_70()	2458	116	No	Unset	Unreviewed	
18030	5.1	External identifiers shall be distinct. External function 'SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_71' conflicts with the external identifier 'SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_00' (SchM_Gpt.c line 491).	File Scope	2467	5	No	Unset	Unreviewed	
42714	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_71()	2472	49	No	Unset	Unreviewed	
42715	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_71()	2472	49	No	Unset	Unreviewed	
362	14.4	The controlling expression of an if statement and the controlling expression of an iteration-statement shall have essentially Boolean type.	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_71()	2479	8	No	Unset	Unreviewed	
42716	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_71()	2486	33	No	Unset	Unreviewed	
42717	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_71()	2486	33	No	Unset	Unreviewed	
17907	5.1	External identifiers shall be distinct. External function 'SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA	File Scope	2491	5	No	Unset	Unreviewed	

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
		_71' conflicts with the external identifier 'SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_00' (SchM_Gpt.c line 515).							
42718	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_71()	2495	39	No	Unset	Unreviewed	
42719	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_71()	2495	39	No	Unset	Unreviewed	
306	10.1	Operands shall not be of an inappropriate essential type. The left operand of the && operator is of an inappropriate essential type category unsigned.	SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_71()	2496	116	No	Unset	Unreviewed	
17980	5.1	External identifiers shall be distinct. External function 'SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_72' conflicts with the external identifier 'SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_00' (SchM_Gpt.c line 491).	File Scope	2505	5	No	Unset	Unreviewed	
42720	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_72()	2510	49	No	Unset	Unreviewed	
42721	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_72()	2510	49	No	Unset	Unreviewed	
355	14.4	The controlling expression of an if statement and the controlling expression of an iteration-statement shall have essentially Boolean type.	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_72()	2517	8	No	Unset	Unreviewed	
42722	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_72()	2524	33	No	Unset	Unreviewed	
42723	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_72()	2524	33	No	Unset	Unreviewed	
18099	5.1	External identifiers shall be distinct. External function 'SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_72' conflicts with the external identifier 'SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_00' (SchM_Gpt.c line 515).	File Scope	2529	5	No	Unset	Unreviewed	
42724	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_72()	2533	39	No	Unset	Unreviewed	
42725	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer	SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_72()	2533	39	No	Unset	Unreviewed	

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
		r operand. Warning: array index may be outside bounds : [0..3]							
294	10.1	Operands shall not be of an inappropriate essential type. The left operand of the && operator is of an inappropriate essential type category unsigned.	SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_72()	2534	116	No	Unset	Unreviewed	
17979	5.1	External identifiers shall be distinct. External function 'SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_73' conflicts with the external identifier 'SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_00' (SchM_Gpt.c line 491).	File Scope	2543	5	No	Unset	Unreviewed	
42726	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_73()	2548	49	No	Unset	Unreviewed	
42727	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_73()	2548	49	No	Unset	Unreviewed	
316	14.4	The controlling expression of an if statement and the controlling expression of an iteration-statement shall have essentially Boolean type.	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_73()	2555	8	No	Unset	Unreviewed	
42728	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_73()	2562	33	No	Unset	Unreviewed	
42729	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Gpt_GPT_EXCLUSIVE_AREA_73()	2562	33	No	Unset	Unreviewed	
18038	5.1	External identifiers shall be distinct. External function 'SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_73' conflicts with the external identifier 'SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_00' (SchM_Gpt.c line 515).	File Scope	2567	5	No	Unset	Unreviewed	
42730	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_73()	2571	39	No	Unset	Unreviewed	
42731	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_73()	2571	39	No	Unset	Unreviewed	
366	10.1	Operands shall not be of an inappropriate essential type. The left operand of the && operator is of an inappropriate essential type category unsigned.	SchM_Exit_Gpt_GPT_EXCLUSIVE_AREA_73()	2572	116	No	Unset	Unreviewed	

Table 1.48. D:\Jessie\3_NXP\S32DS_S32K312EVBQ172\8_I2C_Master_DMA_FunctionTest_RTD3.0.0\S32K312_I2C_Master_MCAL\RTD\src\SchM_I2c.c

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
371	13.2	The value of an expression and its persistent side effects shall be the same under all permitted evaluation orders. The value of the expression depends on the order of evaluation because of multiple read accesses to objects of volatile-qualified type	File Scope	95	16	No	Unset	Unreviewed	
372	10.8	The value of a composite expression shall not be cast to a different essential type category or a wider essential type. The value of the composite expression of essential type category Boolean shall not be cast to the different essential type category unsigned.	File Scope	95	16	No	Unset	Unreviewed	
367	D4.3	Assembly language shall be encapsulated and isolated.	I2c_schm_read_msr()	312	8	No	Unset	Unreviewed	
368	9.1	The value of an object with automatic storage duration shall not be read before it has been set. Variable "reg_tmp" is used before its value is set	I2c_schm_read_msr()	315	19	No	Unset	Unreviewed	
370	14.4	The controlling expression of an if statement and the controlling expression of an iteration-statement shall have essentially Boolean type.	SchM_Enter_I2c_I2C_EXCLUSIVE_AREA_00()	397	8	No	Unset	Unreviewed	
373	10.1	Operands shall not be of an inappropriate essential type. The left operand of the && operator is of an inappropriate essential type category unsigned.	SchM_Exit_I2c_I2C_EXCLUSIVE_AREA_00()	414	116	No	Unset	Unreviewed	
17843	5.1	External identifiers shall be distinct. External function 'SchM_Enter_I2c_I2C_EXCLUSIVE_AREA_01' conflicts with the external identifier 'SchM_Enter_I2c_I2C_EXCLUSIVE_AREA_00' (SchM_I2c.c line 385).	File Scope	423	5	No	Unset	Unreviewed	
369	14.4	The controlling expression of an if statement and the controlling expression of an iteration-statement shall have essentially Boolean type.	SchM_Enter_I2c_I2C_EXCLUSIVE_AREA_01()	435	8	No	Unset	Unreviewed	
17902	5.1	External identifiers shall be distinct. External function 'SchM_Exit_I2c_I2C_EXCLUSIVE_AREA_01' conflicts with the external identifier 'SchM_Exit_I2c_I2C_EXCLUSIVE_AREA_00' (SchM_I2c.c line 409).	File Scope	447	5	No	Unset	Unreviewed	
374	10.1	Operands shall not be of an inappropriate essential type. The left operand of the && operator is of an inappropriate essential type category unsigned.	SchM_Exit_I2c_I2C_EXCLUSIVE_AREA_01()	452	116	No	Unset	Unreviewed	

Table 1.49. D:\Jessie\3_NXP\S32DS_S32K312EVBQ172\8_I2C_Master_DMA_FunctionTest_RTD3.0.0\S32K312_I2C_Master_MCAL\RTD\src\SchM_Mcl.c

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
390	10.8	The value of a composite expression shall not be cast to a different essential type category or a wider essential type. The value of the composite expression of essential type category Boolean shall not be cast to the different essential type category unsigned.	File Scope	95	16	No	Unset	Unreviewed	
409	13.2	The value of an expression and its persistent side effects shall be the same under all permitted evaluation orders. The value of the expression depends on the order of evaluation because of multiple read accesses to objects of volatile-qualified type	File Scope	95	16	No	Unset	Unreviewed	
467	D4.3	Assembly language shall be encapsulated and isolated.	Mcl_schm_read_msr()	402	8	No	Unset	Unreviewed	
446	9.1	The value of an object with automatic storage duration shall not be read before it has been set. Variable "reg_tmp" is used before its value is set	Mcl_schm_read_msr()	405	19	No	Unset	Unreviewed	
391	14.4	The controlling expression of an if statement and the controlling expression of an iteration-statement shall have essentially Boolean type.	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_00()	487	8	No	Unset	Unreviewed	
393	10.1	Operands shall not be of an inappropriate essential type. The left operand of the && operator is of an inappropriate essential type category unsigned.	SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_00()	504	116	No	Unset	Unreviewed	
17913	5.1	External identifiers shall be distinct. External function 'SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_01' conflicts with the external identifier 'SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_00' (SchM_Mcl.c line 475).	File Scope	513	5	No	Unset	Unreviewed	
463	14.4	The controlling expression of an if statement and the controlling expression of an iteration-statement shall have essentially Boolean type.	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_01()	525	8	No	Unset	Unreviewed	
17955	5.1	External identifiers shall be distinct. External function 'SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_01' conflicts with the external identifier 'SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_00' (SchM_Mcl.c line 499).	File Scope	537	5	No	Unset	Unreviewed	
394	10.1	Operands shall not be of an inappropriate essential type. The left operand of the && operator is of an inappropriate essential type category unsigned.	SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_01()	542	116	No	Unset	Unreviewed	
18067	5.1	External identifiers shall be distinct. External function 'SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA	File Scope	551	5	No	Unset	Unreviewed	

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
		A_02' conflicts with the external identifier 'SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_00' (SchM_Mcl.c line 475).							
395	14.4	The controlling expression of an if statement and the controlling expression of an iteration-statement shall have essentially Boolean type.	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_02()	563	8	No	Unset	Unreviewed	
17952	5.1	External identifiers shall be distinct. External function 'SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_02' conflicts with the external identifier 'SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_00' (SchM_Mcl.c line 499).	File Scope	575	5	No	Unset	Unreviewed	
385	10.1	Operands shall not be of an inappropriate essential type. The left operand of the && operator is of an inappropriate essential type category unsigned.	SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_02()	580	116	No	Unset	Unreviewed	
17838	5.1	External identifiers shall be distinct. External function 'SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_03' conflicts with the external identifier 'SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_00' (SchM_Mcl.c line 475).	File Scope	589	5	No	Unset	Unreviewed	
41895	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_03()	594	49	No	Unset	Unreviewed	
41896	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_03()	594	49	No	Unset	Unreviewed	
389	14.4	The controlling expression of an if statement and the controlling expression of an iteration-statement shall have essentially Boolean type.	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_03()	601	8	No	Unset	Unreviewed	
41907	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_03()	608	33	No	Unset	Unreviewed	
41908	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_03()	608	33	No	Unset	Unreviewed	
17921	5.1	External identifiers shall be distinct. External function 'SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_03' conflicts with the external identifier 'SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_00' (SchM_Mcl.c line 499).	File Scope	613	5	No	Unset	Unreviewed	
41915	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_03()	617	39	No	Unset	Unreviewed	
41916	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointe	SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_03()	617	39	No	Unset	Unreviewed	

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
		r operand. Warning: array index may be outside bounds : [0..3]							
422	10.1	Operands shall not be of an inappropriate essential type. The left operand of the && operator is of an inappropriate essential type category unsigned.	SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_03()	618	116	No	Unset	Unreviewed	
17910	5.1	External identifiers shall be distinct. External function 'SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_04' conflicts with the external identifier 'SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_00' (SchM_Mcl.c line 475).	File Scope	627	5	No	Unset	Unreviewed	
411	14.4	The controlling expression of an if statement and the controlling expression of an iteration-statement shall have essentially Boolean type.	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_04()	639	8	No	Unset	Unreviewed	
17937	5.1	External identifiers shall be distinct. External function 'SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_04' conflicts with the external identifier 'SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_00' (SchM_Mcl.c line 499).	File Scope	651	5	No	Unset	Unreviewed	
418	10.1	Operands shall not be of an inappropriate essential type. The left operand of the && operator is of an inappropriate essential type category unsigned.	SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_04()	656	116	No	Unset	Unreviewed	
18013	5.1	External identifiers shall be distinct. External function 'SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_05' conflicts with the external identifier 'SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_00' (SchM_Mcl.c line 475).	File Scope	665	5	No	Unset	Unreviewed	
400	14.4	The controlling expression of an if statement and the controlling expression of an iteration-statement shall have essentially Boolean type.	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_05()	677	8	No	Unset	Unreviewed	
17947	5.1	External identifiers shall be distinct. External function 'SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_05' conflicts with the external identifier 'SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_00' (SchM_Mcl.c line 499).	File Scope	689	5	No	Unset	Unreviewed	
401	10.1	Operands shall not be of an inappropriate essential type. The left operand of the && operator is of an inappropriate essential type category unsigned.	SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_05()	694	116	No	Unset	Unreviewed	
17918	5.1	External identifiers shall be distinct. External function 'SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_06' conflicts with the external identifier 'SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_00' (SchM_Mcl.c line 475).	File Scope	703	5	No	Unset	Unreviewed	
423	14.4	The controlling expression of an if statement and the controlling expression of an iteration-statement shall have essentially Boolean type.	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_06()	715	8	No	Unset	Unreviewed	

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
17938	5.1	External identifiers shall be distinct. External function 'SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA _06' conflicts with the external identifier 'SchM_Exit_Mcl_ MCL_EXCLUSIVE_AREA_00' (SchM_Mcl.c line 499).	File Scope	727	5	No	Unset	Unreviewed	
406	10.1	Operands shall not be of an inappropriate essential type. The left operand of the && operator is of an inappropriat e essential type category unsigned.	SchM_Exit_Mcl_MCL_EXCL USIVE_AREA_06()	732	116	No	Unset	Unreviewed	
17830	5.1	External identifiers shall be distinct. External function 'SchM_Enter_Mcl_MCL_EXCLUSIVE_ARE A_07' conflicts with the external identifier 'SchM_Enter_M cl_MCL_EXCLUSIVE_AREA_00' (SchM_Mcl.c line 475).	File Scope	741	5	No	Unset	Unreviewed	
410	14.4	The controlling expression of an if statement and the cont rolling expression of an iteration-statement shall have ess entially Boolean type.	SchM_Enter_Mcl_MCL_EXC LUSIVE_AREA_07()	753	8	No	Unset	Unreviewed	
18091	5.1	External identifiers shall be distinct. External function 'SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA _07' conflicts with the external identifier 'SchM_Exit_Mcl_ MCL_EXCLUSIVE_AREA_00' (SchM_Mcl.c line 499).	File Scope	765	5	No	Unset	Unreviewed	
413	10.1	Operands shall not be of an inappropriate essential type. The left operand of the && operator is of an inappropriat e essential type category unsigned.	SchM_Exit_Mcl_MCL_EXCL USIVE_AREA_07()	770	116	No	Unset	Unreviewed	
17906	5.1	External identifiers shall be distinct. External function 'SchM_Enter_Mcl_MCL_EXCLUSIVE_ARE A_08' conflicts with the external identifier 'SchM_Enter_M cl_MCL_EXCLUSIVE_AREA_00' (SchM_Mcl.c line 475).	File Scope	779	5	No	Unset	Unreviewed	
436	14.4	The controlling expression of an if statement and the cont rolling expression of an iteration-statement shall have ess entially Boolean type.	SchM_Enter_Mcl_MCL_EXC LUSIVE_AREA_08()	791	8	No	Unset	Unreviewed	
18032	5.1	External identifiers shall be distinct. External function 'SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA _08' conflicts with the external identifier 'SchM_Exit_Mcl_ MCL_EXCLUSIVE_AREA_00' (SchM_Mcl.c line 499).	File Scope	803	5	No	Unset	Unreviewed	
415	10.1	Operands shall not be of an inappropriate essential type. The left operand of the && operator is of an inappropriat e essential type category unsigned.	SchM_Exit_Mcl_MCL_EXCL USIVE_AREA_08()	808	116	No	Unset	Unreviewed	
17915	5.1	External identifiers shall be distinct. External function 'SchM_Enter_Mcl_MCL_EXCLUSIVE_ARE A_09' conflicts with the external identifier 'SchM_Enter_M cl_MCL_EXCLUSIVE_AREA_00' (SchM_Mcl.c line 475).	File Scope	817	5	No	Unset	Unreviewed	

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
420	14.4	The controlling expression of an if statement and the controlling expression of an iteration-statement shall have essentially Boolean type.	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_09()	829	8	No	Unset	Unreviewed	
18059	5.1	External identifiers shall be distinct. External function 'SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_09' conflicts with the external identifier 'SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_00' (SchM_Mcl.c line 499).	File Scope	841	5	No	Unset	Unreviewed	
416	10.1	Operands shall not be of an inappropriate essential type. The left operand of the && operator is of an inappropriate essential type category unsigned.	SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_09()	846	116	No	Unset	Unreviewed	
18053	5.1	External identifiers shall be distinct. External function 'SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_10' conflicts with the external identifier 'SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_00' (SchM_Mcl.c line 475).	File Scope	855	5	No	Unset	Unreviewed	
42088	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_10()	860	49	No	Unset	Unreviewed	
42089	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_10()	860	49	No	Unset	Unreviewed	
419	14.4	The controlling expression of an if statement and the controlling expression of an iteration-statement shall have essentially Boolean type.	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_10()	867	8	No	Unset	Unreviewed	
42096	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_10()	874	33	No	Unset	Unreviewed	
42097	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_10()	874	33	No	Unset	Unreviewed	
17942	5.1	External identifiers shall be distinct. External function 'SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_10' conflicts with the external identifier 'SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_00' (SchM_Mcl.c line 499).	File Scope	879	5	No	Unset	Unreviewed	
42104	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_10()	883	39	No	Unset	Unreviewed	
42105	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_10()	883	39	No	Unset	Unreviewed	

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
441	10.1	Operands shall not be of an inappropriate essential type. The left operand of the && operator is of an inappropriate essential type category unsigned.	SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_10()	884	116	No	Unset	Unreviewed	
17916	5.1	External identifiers shall be distinct. External function 'SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_11' conflicts with the external identifier 'SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_00' (SchM_Mcl.c line 475).	File Scope	893	5	No	Unset	Unreviewed	
387	14.4	The controlling expression of an if statement and the controlling expression of an iteration-statement shall have essentially Boolean type.	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_11()	905	8	No	Unset	Unreviewed	
18093	5.1	External identifiers shall be distinct. External function 'SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_11' conflicts with the external identifier 'SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_00' (SchM_Mcl.c line 499).	File Scope	917	5	No	Unset	Unreviewed	
421	10.1	Operands shall not be of an inappropriate essential type. The left operand of the && operator is of an inappropriate essential type category unsigned.	SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_11()	922	116	No	Unset	Unreviewed	
17987	5.1	External identifiers shall be distinct. External function 'SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_12' conflicts with the external identifier 'SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_00' (SchM_Mcl.c line 475).	File Scope	931	5	No	Unset	Unreviewed	
474	14.4	The controlling expression of an if statement and the controlling expression of an iteration-statement shall have essentially Boolean type.	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_12()	943	8	No	Unset	Unreviewed	
18009	5.1	External identifiers shall be distinct. External function 'SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_12' conflicts with the external identifier 'SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_00' (SchM_Mcl.c line 499).	File Scope	955	5	No	Unset	Unreviewed	
424	10.1	Operands shall not be of an inappropriate essential type. The left operand of the && operator is of an inappropriate essential type category unsigned.	SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_12()	960	116	No	Unset	Unreviewed	
18040	5.1	External identifiers shall be distinct. External function 'SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_13' conflicts with the external identifier 'SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_00' (SchM_Mcl.c line 475).	File Scope	969	5	No	Unset	Unreviewed	
42138	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_13()	974	49	No	Unset	Unreviewed	
42139	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointe	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_13()	974	49	No	Unset	Unreviewed	

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
		r operand. Warning: array index may be outside bounds : [0..3]							
451	14.4	The controlling expression of an if statement and the controlling expression of an iteration-statement shall have essentially Boolean type.	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_13()	981	8	No	Unset	Unreviewed	
42144	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_13()	988	33	No	Unset	Unreviewed	
42145	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_13()	988	33	No	Unset	Unreviewed	
17929	5.1	External identifiers shall be distinct. External function 'SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_13' conflicts with the external identifier 'SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_00' (SchM_Mcl.c line 499).	File Scope	993	5	No	Unset	Unreviewed	
42160	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_13()	997	39	No	Unset	Unreviewed	
42161	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_13()	997	39	No	Unset	Unreviewed	
414	10.1	Operands shall not be of an inappropriate essential type. The left operand of the && operator is of an inappropriate essential type category unsigned.	SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_13()	998	116	No	Unset	Unreviewed	
17908	5.1	External identifiers shall be distinct. External function 'SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_14' conflicts with the external identifier 'SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_00' (SchM_Mcl.c line 475).	File Scope	1007	5	No	Unset	Unreviewed	
42166	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_14()	1012	49	No	Unset	Unreviewed	
42167	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_14()	1012	49	No	Unset	Unreviewed	
426	14.4	The controlling expression of an if statement and the controlling expression of an iteration-statement shall have essentially Boolean type.	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_14()	1019	8	No	Unset	Unreviewed	
42172	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_14()	1026	33	No	Unset	Unreviewed	

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
42173	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_14()	1026	33	No	Unset	Unreviewed	
18098	5.1	External identifiers shall be distinct. External function 'SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_14' conflicts with the external identifier 'SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_00' (SchM_Mcl.c line 499).	File Scope	1031	5	No	Unset	Unreviewed	
42178	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_14()	1035	39	No	Unset	Unreviewed	
42179	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_14()	1035	39	No	Unset	Unreviewed	
428	10.1	Operands shall not be of an inappropriate essential type. The left operand of the && operator is of an inappropriate essential type category unsigned.	SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_14()	1036	116	No	Unset	Unreviewed	
17876	5.1	External identifiers shall be distinct. External function 'SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_15' conflicts with the external identifier 'SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_00' (SchM_Mcl.c line 475).	File Scope	1045	5	No	Unset	Unreviewed	
42186	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_15()	1050	49	No	Unset	Unreviewed	
42187	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_15()	1050	49	No	Unset	Unreviewed	
430	14.4	The controlling expression of an if statement and the controlling expression of an iteration-statement shall have essentially Boolean type.	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_15()	1057	8	No	Unset	Unreviewed	
42192	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_15()	1064	33	No	Unset	Unreviewed	
42193	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_15()	1064	33	No	Unset	Unreviewed	
17941	5.1	External identifiers shall be distinct. External function 'SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA	File Scope	1069	5	No	Unset	Unreviewed	

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
		_15' conflicts with the external identifier 'SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_00' (SchM_Mcl.c line 499).							
42200	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_15()	1073	39	No	Unset	Unreviewed	
42201	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_15()	1073	39	No	Unset	Unreviewed	
471	10.1	Operands shall not be of an inappropriate essential type. The left operand of the && operator is of an inappropriate essential type category unsigned.	SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_15()	1074	116	No	Unset	Unreviewed	
17901	5.1	External identifiers shall be distinct. External function 'SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_16' conflicts with the external identifier 'SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_00' (SchM_Mcl.c line 475).	File Scope	1083	5	No	Unset	Unreviewed	
42208	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_16()	1088	49	No	Unset	Unreviewed	
42209	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_16()	1088	49	No	Unset	Unreviewed	
404	14.4	The controlling expression of an if statement and the controlling expression of an iteration-statement shall have essentially Boolean type.	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_16()	1095	8	No	Unset	Unreviewed	
42214	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_16()	1102	33	No	Unset	Unreviewed	
42215	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_16()	1102	33	No	Unset	Unreviewed	
17939	5.1	External identifiers shall be distinct. External function 'SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_16' conflicts with the external identifier 'SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_00' (SchM_Mcl.c line 499).	File Scope	1107	5	No	Unset	Unreviewed	
42220	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_16()	1111	39	No	Unset	Unreviewed	
42221	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer	SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_16()	1111	39	No	Unset	Unreviewed	

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
		r operand. Warning: array index may be outside bounds : [0..3]							
466	10.1	Operands shall not be of an inappropriate essential type. The left operand of the && operator is of an inappropriate essential type category unsigned.	SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_16()	1112	116	No	Unset	Unreviewed	
18004	5.1	External identifiers shall be distinct. External function 'SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_17' conflicts with the external identifier 'SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_00' (SchM_Mcl.c line 475).	File Scope	1121	5	No	Unset	Unreviewed	
42226	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_17()	1126	49	No	Unset	Unreviewed	
42227	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_17()	1126	49	No	Unset	Unreviewed	
438	14.4	The controlling expression of an if statement and the controlling expression of an iteration-statement shall have essentially Boolean type.	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_17()	1133	8	No	Unset	Unreviewed	
42232	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_17()	1140	33	No	Unset	Unreviewed	
42233	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_17()	1140	33	No	Unset	Unreviewed	
18027	5.1	External identifiers shall be distinct. External function 'SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_17' conflicts with the external identifier 'SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_00' (SchM_Mcl.c line 499).	File Scope	1145	5	No	Unset	Unreviewed	
42238	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_17()	1149	39	No	Unset	Unreviewed	
42239	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_17()	1149	39	No	Unset	Unreviewed	
432	10.1	Operands shall not be of an inappropriate essential type. The left operand of the && operator is of an inappropriate essential type category unsigned.	SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_17()	1150	116	No	Unset	Unreviewed	
17900	5.1	External identifiers shall be distinct. External function 'SchM_Enter_Mcl_MCL_EXCLUSIVE_ARE	File Scope	1159	5	No	Unset	Unreviewed	

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
		A_18' conflicts with the external identifier 'SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_00' (SchM_Mcl.c line 475).							
42244	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_18()	1164	49	No	Unset	Unreviewed	
42245	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_18()	1164	49	No	Unset	Unreviewed	
452	14.4	The controlling expression of an if statement and the controlling expression of an iteration-statement shall have essentially Boolean type.	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_18()	1171	8	No	Unset	Unreviewed	
42250	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_18()	1178	33	No	Unset	Unreviewed	
42251	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_18()	1178	33	No	Unset	Unreviewed	
17950	5.1	External identifiers shall be distinct. External function 'SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_18' conflicts with the external identifier 'SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_00' (SchM_Mcl.c line 499).	File Scope	1183	5	No	Unset	Unreviewed	
42256	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_18()	1187	39	No	Unset	Unreviewed	
42257	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_18()	1187	39	No	Unset	Unreviewed	
399	10.1	Operands shall not be of an inappropriate essential type. The left operand of the && operator is of an inappropriate essential type category unsigned.	SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_18()	1188	116	No	Unset	Unreviewed	
17932	5.1	External identifiers shall be distinct. External function 'SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_19' conflicts with the external identifier 'SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_00' (SchM_Mcl.c line 475).	File Scope	1197	5	No	Unset	Unreviewed	
42262	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_19()	1202	49	No	Unset	Unreviewed	
42263	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_19()	1202	49	No	Unset	Unreviewed	

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
		r operand. Warning: array index may be outside bounds : [0..3]							
477	14.4	The controlling expression of an if statement and the controlling expression of an iteration-statement shall have essentially Boolean type.	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_19()	1209	8	No	Unset	Unreviewed	
42268	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_19()	1216	33	No	Unset	Unreviewed	
42269	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_19()	1216	33	No	Unset	Unreviewed	
18045	5.1	External identifiers shall be distinct. External function 'SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_19' conflicts with the external identifier 'SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_00' (SchM_Mcl.c line 499).	File Scope	1221	5	No	Unset	Unreviewed	
42274	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_19()	1225	39	No	Unset	Unreviewed	
42275	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_19()	1225	39	No	Unset	Unreviewed	
407	10.1	Operands shall not be of an inappropriate essential type. The left operand of the && operator is of an inappropriate essential type category unsigned.	SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_19()	1226	116	No	Unset	Unreviewed	
17895	5.1	External identifiers shall be distinct. External function 'SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_20' conflicts with the external identifier 'SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_00' (SchM_Mcl.c line 475).	File Scope	1235	5	No	Unset	Unreviewed	
42280	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_20()	1240	49	No	Unset	Unreviewed	
42281	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_20()	1240	49	No	Unset	Unreviewed	
403	14.4	The controlling expression of an if statement and the controlling expression of an iteration-statement shall have essentially Boolean type.	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_20()	1247	8	No	Unset	Unreviewed	
42286	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_20()	1254	33	No	Unset	Unreviewed	

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
42287	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_20()	1254	33	No	Unset	Unreviewed	
17839	5.1	External identifiers shall be distinct. External function 'SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_20' conflicts with the external identifier 'SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_00' (SchM_Mcl.c line 499).	File Scope	1259	5	No	Unset	Unreviewed	
42292	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_20()	1263	39	No	Unset	Unreviewed	
42293	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_20()	1263	39	No	Unset	Unreviewed	
455	10.1	Operands shall not be of an inappropriate essential type. The left operand of the && operator is of an inappropriate essential type category unsigned.	SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_20()	1264	116	No	Unset	Unreviewed	
18010	5.1	External identifiers shall be distinct. External function 'SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_21' conflicts with the external identifier 'SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_00' (SchM_Mcl.c line 475).	File Scope	1273	5	No	Unset	Unreviewed	
42298	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_21()	1278	49	No	Unset	Unreviewed	
42299	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_21()	1278	49	No	Unset	Unreviewed	
443	14.4	The controlling expression of an if statement and the controlling expression of an iteration-statement shall have essentially Boolean type.	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_21()	1285	8	No	Unset	Unreviewed	
42304	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_21()	1292	33	No	Unset	Unreviewed	
42305	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_21()	1292	33	No	Unset	Unreviewed	
17835	5.1	External identifiers shall be distinct. External function 'SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA	File Scope	1297	5	No	Unset	Unreviewed	

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
		_21' conflicts with the external identifier 'SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_00' (SchM_Mcl.c line 499).							
42310	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_21()	1301	39	No	Unset	Unreviewed	
42311	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_21()	1301	39	No	Unset	Unreviewed	
437	10.1	Operands shall not be of an inappropriate essential type. The left operand of the && operator is of an inappropriate essential type category unsigned.	SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_21()	1302	116	No	Unset	Unreviewed	
17833	5.1	External identifiers shall be distinct. External function 'SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_22' conflicts with the external identifier 'SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_00' (SchM_Mcl.c line 475).	File Scope	1311	5	No	Unset	Unreviewed	
42316	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_22()	1316	49	No	Unset	Unreviewed	
42317	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_22()	1316	49	No	Unset	Unreviewed	
439	14.4	The controlling expression of an if statement and the controlling expression of an iteration-statement shall have essentially Boolean type.	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_22()	1323	8	No	Unset	Unreviewed	
42322	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_22()	1330	33	No	Unset	Unreviewed	
42323	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_22()	1330	33	No	Unset	Unreviewed	
17973	5.1	External identifiers shall be distinct. External function 'SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_22' conflicts with the external identifier 'SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_00' (SchM_Mcl.c line 499).	File Scope	1335	5	No	Unset	Unreviewed	
42328	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_22()	1339	39	No	Unset	Unreviewed	
42329	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer	SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_22()	1339	39	No	Unset	Unreviewed	

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
		r operand. Warning: array index may be outside bounds : [0..3]							
464	10.1	Operands shall not be of an inappropriate essential type. The left operand of the && operator is of an inappropriate essential type category unsigned.	SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_22()	1340	116	No	Unset	Unreviewed	
18017	5.1	External identifiers shall be distinct. External function 'SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_23' conflicts with the external identifier 'SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_00' (SchM_Mcl.c line 475).	File Scope	1349	5	No	Unset	Unreviewed	
42334	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_23()	1354	49	No	Unset	Unreviewed	
42335	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_23()	1354	49	No	Unset	Unreviewed	
458	14.4	The controlling expression of an if statement and the controlling expression of an iteration-statement shall have essentially Boolean type.	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_23()	1361	8	No	Unset	Unreviewed	
42340	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_23()	1368	33	No	Unset	Unreviewed	
42341	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_23()	1368	33	No	Unset	Unreviewed	
18054	5.1	External identifiers shall be distinct. External function 'SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_23' conflicts with the external identifier 'SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_00' (SchM_Mcl.c line 499).	File Scope	1373	5	No	Unset	Unreviewed	
42346	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_23()	1377	39	No	Unset	Unreviewed	
42347	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_23()	1377	39	No	Unset	Unreviewed	
405	10.1	Operands shall not be of an inappropriate essential type. The left operand of the && operator is of an inappropriate essential type category unsigned.	SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_23()	1378	116	No	Unset	Unreviewed	
17912	5.1	External identifiers shall be distinct. External function 'SchM_Enter_Mcl_MCL_EXCLUSIVE_ARE	File Scope	1387	5	No	Unset	Unreviewed	

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
		A_24' conflicts with the external identifier 'SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_00' (SchM_Mcl.c line 475).							
42352	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_24()	1392	49	No	Unset	Unreviewed	
42353	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_24()	1392	49	No	Unset	Unreviewed	
386	14.4	The controlling expression of an if statement and the controlling expression of an iteration-statement shall have essentially Boolean type.	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_24()	1399	8	No	Unset	Unreviewed	
42358	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_24()	1406	33	No	Unset	Unreviewed	
42359	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_24()	1406	33	No	Unset	Unreviewed	
17928	5.1	External identifiers shall be distinct. External function 'SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_24' conflicts with the external identifier 'SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_00' (SchM_Mcl.c line 499).	File Scope	1411	5	No	Unset	Unreviewed	
42368	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_24()	1415	39	No	Unset	Unreviewed	
42369	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_24()	1415	39	No	Unset	Unreviewed	
440	10.1	Operands shall not be of an inappropriate essential type. The left operand of the && operator is of an inappropriate essential type category unsigned.	SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_24()	1416	116	No	Unset	Unreviewed	
17898	5.1	External identifiers shall be distinct. External function 'SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_25' conflicts with the external identifier 'SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_00' (SchM_Mcl.c line 475).	File Scope	1425	5	No	Unset	Unreviewed	
42374	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_25()	1430	49	No	Unset	Unreviewed	
42375	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_25()	1430	49	No	Unset	Unreviewed	

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
		r operand. Warning: array index may be outside bounds : [0..3]							
431	14.4	The controlling expression of an if statement and the controlling expression of an iteration-statement shall have essentially Boolean type.	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_25()	1437	8	No	Unset	Unreviewed	
42384	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_25()	1444	33	No	Unset	Unreviewed	
42385	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_25()	1444	33	No	Unset	Unreviewed	
17931	5.1	External identifiers shall be distinct. External function 'SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_25' conflicts with the external identifier 'SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_00' (SchM_Mcl.c line 499).	File Scope	1449	5	No	Unset	Unreviewed	
42390	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_25()	1453	39	No	Unset	Unreviewed	
42391	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_25()	1453	39	No	Unset	Unreviewed	
392	10.1	Operands shall not be of an inappropriate essential type. The left operand of the && operator is of an inappropriate essential type category unsigned.	SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_25()	1454	116	No	Unset	Unreviewed	
18085	5.1	External identifiers shall be distinct. External function 'SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_26' conflicts with the external identifier 'SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_00' (SchM_Mcl.c line 475).	File Scope	1463	5	No	Unset	Unreviewed	
42400	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_26()	1468	49	No	Unset	Unreviewed	
42401	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_26()	1468	49	No	Unset	Unreviewed	
442	14.4	The controlling expression of an if statement and the controlling expression of an iteration-statement shall have essentially Boolean type.	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_26()	1475	8	No	Unset	Unreviewed	
42410	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_26()	1482	33	No	Unset	Unreviewed	

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
42411	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_26()	1482	33	No	Unset	Unreviewed	
17930	5.1	External identifiers shall be distinct. External function 'SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_26' conflicts with the external identifier 'SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_00' (SchM_Mcl.c line 499).	File Scope	1487	5	No	Unset	Unreviewed	
42416	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_26()	1491	39	No	Unset	Unreviewed	
42417	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_26()	1491	39	No	Unset	Unreviewed	
402	10.1	Operands shall not be of an inappropriate essential type. The left operand of the && operator is of an inappropriate essential type category unsigned.	SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_26()	1492	116	No	Unset	Unreviewed	
17897	5.1	External identifiers shall be distinct. External function 'SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_27' conflicts with the external identifier 'SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_00' (SchM_Mcl.c line 475).	File Scope	1501	5	No	Unset	Unreviewed	
42428	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_27()	1506	49	No	Unset	Unreviewed	
42429	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_27()	1506	49	No	Unset	Unreviewed	
429	14.4	The controlling expression of an if statement and the controlling expression of an iteration-statement shall have essentially Boolean type.	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_27()	1513	8	No	Unset	Unreviewed	
42432	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_27()	1520	33	No	Unset	Unreviewed	
42433	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_27()	1520	33	No	Unset	Unreviewed	
17935	5.1	External identifiers shall be distinct. External function 'SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA	File Scope	1525	5	No	Unset	Unreviewed	

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
		_27' conflicts with the external identifier 'SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_00' (SchM_Mcl.c line 499).							
42440	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_27()	1529	39	No	Unset	Unreviewed	
42441	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_27()	1529	39	No	Unset	Unreviewed	
398	10.1	Operands shall not be of an inappropriate essential type. The left operand of the && operator is of an inappropriate essential type category unsigned.	SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_27()	1530	116	No	Unset	Unreviewed	
18124	5.1	External identifiers shall be distinct. External function 'SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_28' conflicts with the external identifier 'SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_00' (SchM_Mcl.c line 475).	File Scope	1539	5	No	Unset	Unreviewed	
42448	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_28()	1544	49	No	Unset	Unreviewed	
42449	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_28()	1544	49	No	Unset	Unreviewed	
412	14.4	The controlling expression of an if statement and the controlling expression of an iteration-statement shall have essentially Boolean type.	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_28()	1551	8	No	Unset	Unreviewed	
42452	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_28()	1558	33	No	Unset	Unreviewed	
42453	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_28()	1558	33	No	Unset	Unreviewed	
17866	5.1	External identifiers shall be distinct. External function 'SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_28' conflicts with the external identifier 'SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_00' (SchM_Mcl.c line 499).	File Scope	1563	5	No	Unset	Unreviewed	
42460	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_28()	1567	39	No	Unset	Unreviewed	
42461	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer	SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_28()	1567	39	No	Unset	Unreviewed	

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
		r operand. Warning: array index may be outside bounds : [0..3]							
449	10.1	Operands shall not be of an inappropriate essential type. The left operand of the && operator is of an inappropriate essential type category unsigned.	SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_28()	1568	116	No	Unset	Unreviewed	
17894	5.1	External identifiers shall be distinct. External function 'SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_29' conflicts with the external identifier 'SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_00' (SchM_Mcl.c line 475).	File Scope	1577	5	No	Unset	Unreviewed	
42464	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_29()	1582	49	No	Unset	Unreviewed	
42465	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_29()	1582	49	No	Unset	Unreviewed	
427	14.4	The controlling expression of an if statement and the controlling expression of an iteration-statement shall have essentially Boolean type.	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_29()	1589	8	No	Unset	Unreviewed	
42468	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_29()	1596	33	No	Unset	Unreviewed	
42469	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_29()	1596	33	No	Unset	Unreviewed	
17953	5.1	External identifiers shall be distinct. External function 'SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_29' conflicts with the external identifier 'SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_00' (SchM_Mcl.c line 499).	File Scope	1601	5	No	Unset	Unreviewed	
42472	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_29()	1605	39	No	Unset	Unreviewed	
42473	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_29()	1605	39	No	Unset	Unreviewed	
417	10.1	Operands shall not be of an inappropriate essential type. The left operand of the && operator is of an inappropriate essential type category unsigned.	SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_29()	1606	116	No	Unset	Unreviewed	
17885	5.1	External identifiers shall be distinct. External function 'SchM_Enter_Mcl_MCL_EXCLUSIVE_ARE	File Scope	1615	5	No	Unset	Unreviewed	

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
		A_30' conflicts with the external identifier 'SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_00' (SchM_Mcl.c line 475).							
42476	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_30()	1620	49	No	Unset	Unreviewed	
42477	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_30()	1620	49	No	Unset	Unreviewed	
445	14.4	The controlling expression of an if statement and the controlling expression of an iteration-statement shall have essentially Boolean type.	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_30()	1627	8	No	Unset	Unreviewed	
42480	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_30()	1634	33	No	Unset	Unreviewed	
42481	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_30()	1634	33	No	Unset	Unreviewed	
17860	5.1	External identifiers shall be distinct. External function 'SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_30' conflicts with the external identifier 'SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_00' (SchM_Mcl.c line 499).	File Scope	1639	5	No	Unset	Unreviewed	
42484	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_30()	1643	39	No	Unset	Unreviewed	
42485	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_30()	1643	39	No	Unset	Unreviewed	
396	10.1	Operands shall not be of an inappropriate essential type. The left operand of the && operator is of an inappropriate essential type category unsigned.	SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_30()	1644	116	No	Unset	Unreviewed	
17890	5.1	External identifiers shall be distinct. External function 'SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_31' conflicts with the external identifier 'SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_00' (SchM_Mcl.c line 475).	File Scope	1653	5	No	Unset	Unreviewed	
42488	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_31()	1658	49	No	Unset	Unreviewed	
42489	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_31()	1658	49	No	Unset	Unreviewed	

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
		r operand. Warning: array index may be outside bounds : [0..3]							
447	14.4	The controlling expression of an if statement and the controlling expression of an iteration-statement shall have essentially Boolean type.	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_31()	1665	8	No	Unset	Unreviewed	
42492	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_31()	1672	33	No	Unset	Unreviewed	
42493	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_31()	1672	33	No	Unset	Unreviewed	
17946	5.1	External identifiers shall be distinct. External function 'SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_31' conflicts with the external identifier 'SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_00' (SchM_Mcl.c line 499).	File Scope	1677	5	No	Unset	Unreviewed	
42496	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_31()	1681	39	No	Unset	Unreviewed	
42497	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_31()	1681	39	No	Unset	Unreviewed	
448	10.1	Operands shall not be of an inappropriate essential type. The left operand of the && operator is of an inappropriate essential type category unsigned.	SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_31()	1682	116	No	Unset	Unreviewed	
17865	5.1	External identifiers shall be distinct. External function 'SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_32' conflicts with the external identifier 'SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_00' (SchM_Mcl.c line 475).	File Scope	1691	5	No	Unset	Unreviewed	
42500	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_32()	1696	49	No	Unset	Unreviewed	
42501	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_32()	1696	49	No	Unset	Unreviewed	
468	14.4	The controlling expression of an if statement and the controlling expression of an iteration-statement shall have essentially Boolean type.	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_32()	1703	8	No	Unset	Unreviewed	
42506	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_32()	1710	33	No	Unset	Unreviewed	

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
42507	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_32()	1710	33	No	Unset	Unreviewed	
17927	5.1	External identifiers shall be distinct. External function 'SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_32' conflicts with the external identifier 'SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_00' (SchM_Mcl.c line 499).	File Scope	1715	5	No	Unset	Unreviewed	
42510	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_32()	1719	39	No	Unset	Unreviewed	
42511	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_32()	1719	39	No	Unset	Unreviewed	
478	10.1	Operands shall not be of an inappropriate essential type. The left operand of the && operator is of an inappropriate essential type category unsigned.	SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_32()	1720	116	No	Unset	Unreviewed	
17997	5.1	External identifiers shall be distinct. External function 'SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_33' conflicts with the external identifier 'SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_00' (SchM_Mcl.c line 475).	File Scope	1729	5	No	Unset	Unreviewed	
42514	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_33()	1734	49	No	Unset	Unreviewed	
42515	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_33()	1734	49	No	Unset	Unreviewed	
453	14.4	The controlling expression of an if statement and the controlling expression of an iteration-statement shall have essentially Boolean type.	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_33()	1741	8	No	Unset	Unreviewed	
42518	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_33()	1748	33	No	Unset	Unreviewed	
42519	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_33()	1748	33	No	Unset	Unreviewed	
18087	5.1	External identifiers shall be distinct. External function 'SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA	File Scope	1753	5	No	Unset	Unreviewed	

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
		_33' conflicts with the external identifier 'SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_00' (SchM_Mcl.c line 499).							
42522	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_33()	1757	39	No	Unset	Unreviewed	
42523	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_33()	1757	39	No	Unset	Unreviewed	
476	10.1	Operands shall not be of an inappropriate essential type. The left operand of the && operator is of an inappropriate essential type category unsigned.	SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_33()	1758	116	No	Unset	Unreviewed	
17875	5.1	External identifiers shall be distinct. External function 'SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_34' conflicts with the external identifier 'SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_00' (SchM_Mcl.c line 475).	File Scope	1767	5	No	Unset	Unreviewed	
42526	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_34()	1772	49	No	Unset	Unreviewed	
42527	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_34()	1772	49	No	Unset	Unreviewed	
408	14.4	The controlling expression of an if statement and the controlling expression of an iteration-statement shall have essentially Boolean type.	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_34()	1779	8	No	Unset	Unreviewed	
42530	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_34()	1786	33	No	Unset	Unreviewed	
42531	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_34()	1786	33	No	Unset	Unreviewed	
17943	5.1	External identifiers shall be distinct. External function 'SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_34' conflicts with the external identifier 'SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_00' (SchM_Mcl.c line 499).	File Scope	1791	5	No	Unset	Unreviewed	
42534	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_34()	1795	39	No	Unset	Unreviewed	
42535	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer	SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_34()	1795	39	No	Unset	Unreviewed	

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
		r operand. Warning: array index may be outside bounds : [0..3]							
482	10.1	Operands shall not be of an inappropriate essential type. The left operand of the && operator is of an inappropriate essential type category unsigned.	SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_34()	1796	116	No	Unset	Unreviewed	
18018	5.1	External identifiers shall be distinct. External function 'SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_35' conflicts with the external identifier 'SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_00' (SchM_Mcl.c line 475).	File Scope	1805	5	No	Unset	Unreviewed	
42538	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_35()	1810	49	No	Unset	Unreviewed	
42539	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_35()	1810	49	No	Unset	Unreviewed	
450	14.4	The controlling expression of an if statement and the controlling expression of an iteration-statement shall have essentially Boolean type.	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_35()	1817	8	No	Unset	Unreviewed	
42542	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_35()	1824	33	No	Unset	Unreviewed	
42543	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_35()	1824	33	No	Unset	Unreviewed	
17923	5.1	External identifiers shall be distinct. External function 'SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_35' conflicts with the external identifier 'SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_00' (SchM_Mcl.c line 499).	File Scope	1829	5	No	Unset	Unreviewed	
42546	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_35()	1833	39	No	Unset	Unreviewed	
42547	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_35()	1833	39	No	Unset	Unreviewed	
454	10.1	Operands shall not be of an inappropriate essential type. The left operand of the && operator is of an inappropriate essential type category unsigned.	SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_35()	1834	116	No	Unset	Unreviewed	
17967	5.1	External identifiers shall be distinct. External function 'SchM_Enter_Mcl_MCL_EXCLUSIVE_ARE	File Scope	1843	5	No	Unset	Unreviewed	

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
		A_36' conflicts with the external identifier 'SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_00' (SchM_Mcl.c line 475).							
42550	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_36()	1848	49	No	Unset	Unreviewed	
42551	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_36()	1848	49	No	Unset	Unreviewed	
388	14.4	The controlling expression of an if statement and the controlling expression of an iteration-statement shall have essentially Boolean type.	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_36()	1855	8	No	Unset	Unreviewed	
42554	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_36()	1862	33	No	Unset	Unreviewed	
42555	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_36()	1862	33	No	Unset	Unreviewed	
17864	5.1	External identifiers shall be distinct. External function 'SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_36' conflicts with the external identifier 'SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_00' (SchM_Mcl.c line 499).	File Scope	1867	5	No	Unset	Unreviewed	
42558	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_36()	1871	39	No	Unset	Unreviewed	
42559	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_36()	1871	39	No	Unset	Unreviewed	
460	10.1	Operands shall not be of an inappropriate essential type. The left operand of the && operator is of an inappropriate essential type category unsigned.	SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_36()	1872	116	No	Unset	Unreviewed	
17963	5.1	External identifiers shall be distinct. External function 'SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_37' conflicts with the external identifier 'SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_00' (SchM_Mcl.c line 475).	File Scope	1881	5	No	Unset	Unreviewed	
42562	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_37()	1886	49	No	Unset	Unreviewed	
42563	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_37()	1886	49	No	Unset	Unreviewed	

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
		r operand. Warning: array index may be outside bounds : [0..3]							
456	14.4	The controlling expression of an if statement and the controlling expression of an iteration-statement shall have essentially Boolean type.	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_37()	1893	8	No	Unset	Unreviewed	
42566	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_37()	1900	33	No	Unset	Unreviewed	
42567	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_37()	1900	33	No	Unset	Unreviewed	
17945	5.1	External identifiers shall be distinct. External function 'SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_37' conflicts with the external identifier 'SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_00' (SchM_Mcl.c line 499).	File Scope	1905	5	No	Unset	Unreviewed	
42570	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_37()	1909	39	No	Unset	Unreviewed	
42571	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_37()	1909	39	No	Unset	Unreviewed	
457	10.1	Operands shall not be of an inappropriate essential type. The left operand of the && operator is of an inappropriate essential type category unsigned.	SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_37()	1910	116	No	Unset	Unreviewed	
17896	5.1	External identifiers shall be distinct. External function 'SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_38' conflicts with the external identifier 'SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_00' (SchM_Mcl.c line 475).	File Scope	1919	5	No	Unset	Unreviewed	
42574	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_38()	1924	49	No	Unset	Unreviewed	
42575	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_38()	1924	49	No	Unset	Unreviewed	
459	14.4	The controlling expression of an if statement and the controlling expression of an iteration-statement shall have essentially Boolean type.	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_38()	1931	8	No	Unset	Unreviewed	
42578	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_38()	1938	33	No	Unset	Unreviewed	

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
42579	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_38()	1938	33	No	Unset	Unreviewed	
17920	5.1	External identifiers shall be distinct. External function 'SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_38' conflicts with the external identifier 'SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_00' (SchM_Mcl.c line 499).	File Scope	1943	5	No	Unset	Unreviewed	
42582	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_38()	1947	39	No	Unset	Unreviewed	
42583	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_38()	1947	39	No	Unset	Unreviewed	
397	10.1	Operands shall not be of an inappropriate essential type. The left operand of the && operator is of an inappropriate essential type category unsigned.	SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_38()	1948	116	No	Unset	Unreviewed	
17903	5.1	External identifiers shall be distinct. External function 'SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_39' conflicts with the external identifier 'SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_00' (SchM_Mcl.c line 475).	File Scope	1957	5	No	Unset	Unreviewed	
42586	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_39()	1962	49	No	Unset	Unreviewed	
42587	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_39()	1962	49	No	Unset	Unreviewed	
462	14.4	The controlling expression of an if statement and the controlling expression of an iteration-statement shall have essentially Boolean type.	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_39()	1969	8	No	Unset	Unreviewed	
42590	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_39()	1976	33	No	Unset	Unreviewed	
42591	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_39()	1976	33	No	Unset	Unreviewed	
17949	5.1	External identifiers shall be distinct. External function 'SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA	File Scope	1981	5	No	Unset	Unreviewed	

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
		_39' conflicts with the external identifier 'SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_00' (SchM_Mcl.c line 499).							
42594	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_39()	1985	39	No	Unset	Unreviewed	
42595	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_39()	1985	39	No	Unset	Unreviewed	
470	10.1	Operands shall not be of an inappropriate essential type. The left operand of the && operator is of an inappropriate essential type category unsigned.	SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_39()	1986	116	No	Unset	Unreviewed	
17827	5.1	External identifiers shall be distinct. External function 'SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_40' conflicts with the external identifier 'SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_00' (SchM_Mcl.c line 475).	File Scope	1995	5	No	Unset	Unreviewed	
42598	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_40()	2000	49	No	Unset	Unreviewed	
42599	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_40()	2000	49	No	Unset	Unreviewed	
469	14.4	The controlling expression of an if statement and the controlling expression of an iteration-statement shall have essentially Boolean type.	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_40()	2007	8	No	Unset	Unreviewed	
42604	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_40()	2014	33	No	Unset	Unreviewed	
42605	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_40()	2014	33	No	Unset	Unreviewed	
18125	5.1	External identifiers shall be distinct. External function 'SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_40' conflicts with the external identifier 'SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_00' (SchM_Mcl.c line 499).	File Scope	2019	5	No	Unset	Unreviewed	
473	10.1	Operands shall not be of an inappropriate essential type. The left operand of the && operator is of an inappropriate essential type category unsigned.	SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_40()	2024	116	No	Unset	Unreviewed	
17888	5.1	External identifiers shall be distinct. External function 'SchM_Enter_Mcl_MCL_EXCLUSIVE_ARE	File Scope	2033	5	No	Unset	Unreviewed	

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
		A_41' conflicts with the external identifier 'SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_00' (SchM_Mcl.c line 475).							
42610	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_41()	2038	49	No	Unset	Unreviewed	
42611	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_41()	2038	49	No	Unset	Unreviewed	
433	14.4	The controlling expression of an if statement and the controlling expression of an iteration-statement shall have essentially Boolean type.	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_41()	2045	8	No	Unset	Unreviewed	
42614	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_41()	2052	33	No	Unset	Unreviewed	
42615	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_41()	2052	33	No	Unset	Unreviewed	
17909	5.1	External identifiers shall be distinct. External function 'SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_41' conflicts with the external identifier 'SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_00' (SchM_Mcl.c line 499).	File Scope	2057	5	No	Unset	Unreviewed	
42618	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_41()	2061	39	No	Unset	Unreviewed	
42619	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_41()	2061	39	No	Unset	Unreviewed	
435	10.1	Operands shall not be of an inappropriate essential type. The left operand of the && operator is of an inappropriate essential type category unsigned.	SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_41()	2062	116	No	Unset	Unreviewed	
18033	5.1	External identifiers shall be distinct. External function 'SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_42' conflicts with the external identifier 'SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_00' (SchM_Mcl.c line 475).	File Scope	2071	5	No	Unset	Unreviewed	
42622	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_42()	2076	49	No	Unset	Unreviewed	
42623	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointe	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_42()	2076	49	No	Unset	Unreviewed	

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
		r operand. Warning: array index may be outside bounds : [0..3]							
480	14.4	The controlling expression of an if statement and the controlling expression of an iteration-statement shall have essentially Boolean type.	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_42()	2083	8	No	Unset	Unreviewed	
42626	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_42()	2090	33	No	Unset	Unreviewed	
42627	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_42()	2090	33	No	Unset	Unreviewed	
17883	5.1	External identifiers shall be distinct. External function 'SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_42' conflicts with the external identifier 'SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_00' (SchM_Mcl.c line 499).	File Scope	2095	5	No	Unset	Unreviewed	
42630	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_42()	2099	39	No	Unset	Unreviewed	
42631	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_42()	2099	39	No	Unset	Unreviewed	
461	10.1	Operands shall not be of an inappropriate essential type. The left operand of the && operator is of an inappropriate essential type category unsigned.	SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_42()	2100	116	No	Unset	Unreviewed	
18001	5.1	External identifiers shall be distinct. External function 'SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_43' conflicts with the external identifier 'SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_00' (SchM_Mcl.c line 475).	File Scope	2109	5	No	Unset	Unreviewed	
42634	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_43()	2114	49	No	Unset	Unreviewed	
42635	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_43()	2114	49	No	Unset	Unreviewed	
465	14.4	The controlling expression of an if statement and the controlling expression of an iteration-statement shall have essentially Boolean type.	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_43()	2121	8	No	Unset	Unreviewed	
42638	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_43()	2128	33	No	Unset	Unreviewed	

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
42639	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_43()	2128	33	No	Unset	Unreviewed	
17934	5.1	External identifiers shall be distinct. External function 'SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_43' conflicts with the external identifier 'SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_00' (SchM_Mcl.c line 499).	File Scope	2133	5	No	Unset	Unreviewed	
42642	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_43()	2137	39	No	Unset	Unreviewed	
42643	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_43()	2137	39	No	Unset	Unreviewed	
472	10.1	Operands shall not be of an inappropriate essential type. The left operand of the && operator is of an inappropriate essential type category unsigned.	SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_43()	2138	116	No	Unset	Unreviewed	
18066	5.1	External identifiers shall be distinct. External function 'SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_44' conflicts with the external identifier 'SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_00' (SchM_Mcl.c line 475).	File Scope	2147	5	No	Unset	Unreviewed	
42646	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_44()	2152	49	No	Unset	Unreviewed	
42647	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_44()	2152	49	No	Unset	Unreviewed	
475	14.4	The controlling expression of an if statement and the controlling expression of an iteration-statement shall have essentially Boolean type.	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_44()	2159	8	No	Unset	Unreviewed	
42650	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_44()	2166	33	No	Unset	Unreviewed	
42651	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_44()	2166	33	No	Unset	Unreviewed	
18117	5.1	External identifiers shall be distinct. External function 'SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA	File Scope	2171	5	No	Unset	Unreviewed	

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
		_44' conflicts with the external identifier 'SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_00' (SchM_Mcl.c line 499).							
42654	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_44()	2175	39	No	Unset	Unreviewed	
42655	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_44()	2175	39	No	Unset	Unreviewed	
444	10.1	Operands shall not be of an inappropriate essential type. The left operand of the && operator is of an inappropriate essential type category unsigned.	SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_44()	2176	116	No	Unset	Unreviewed	
17887	5.1	External identifiers shall be distinct. External function 'SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_45' conflicts with the external identifier 'SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_00' (SchM_Mcl.c line 475).	File Scope	2185	5	No	Unset	Unreviewed	
42658	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_45()	2190	49	No	Unset	Unreviewed	
42659	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_45()	2190	49	No	Unset	Unreviewed	
479	14.4	The controlling expression of an if statement and the controlling expression of an iteration-statement shall have essentially Boolean type.	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_45()	2197	8	No	Unset	Unreviewed	
42662	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_45()	2204	33	No	Unset	Unreviewed	
42663	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_45()	2204	33	No	Unset	Unreviewed	
17893	5.1	External identifiers shall be distinct. External function 'SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_45' conflicts with the external identifier 'SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_00' (SchM_Mcl.c line 499).	File Scope	2209	5	No	Unset	Unreviewed	
42666	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_45()	2213	39	No	Unset	Unreviewed	
42667	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer	SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_45()	2213	39	No	Unset	Unreviewed	

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
		r operand. Warning: array index may be outside bounds : [0..3]							
434	10.1	Operands shall not be of an inappropriate essential type. The left operand of the && operator is of an inappropriate essential type category unsigned.	SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_45()	2214	116	No	Unset	Unreviewed	
17848	5.1	External identifiers shall be distinct. External function 'SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_46' conflicts with the external identifier 'SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_00' (SchM_Mcl.c line 475).	File Scope	2223	5	No	Unset	Unreviewed	
42670	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_46()	2228	49	No	Unset	Unreviewed	
42671	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_46()	2228	49	No	Unset	Unreviewed	
481	14.4	The controlling expression of an if statement and the controlling expression of an iteration-statement shall have essentially Boolean type.	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_46()	2235	8	No	Unset	Unreviewed	
42674	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_46()	2242	33	No	Unset	Unreviewed	
42675	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Mcl_MCL_EXCLUSIVE_AREA_46()	2242	33	No	Unset	Unreviewed	
17858	5.1	External identifiers shall be distinct. External function 'SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_46' conflicts with the external identifier 'SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_00' (SchM_Mcl.c line 499).	File Scope	2247	5	No	Unset	Unreviewed	
42678	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_46()	2251	39	No	Unset	Unreviewed	
42679	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_46()	2251	39	No	Unset	Unreviewed	
425	10.1	Operands shall not be of an inappropriate essential type. The left operand of the && operator is of an inappropriate essential type category unsigned.	SchM_Exit_Mcl_MCL_EXCLUSIVE_AREA_46()	2252	116	No	Unset	Unreviewed	

Table 1.50. D:\Jessie\3_NXP\S32DS_S32K312EVBQ172\8_I2C_Master_DMA_FunctionTest_RTD3.0.0\S32K312_I2C_Master_MCAL\RTD\src\SchM_Mcu.c

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
377	10.8	The value of a composite expression shall not be cast to a different essential type category or a wider essential type. The value of the composite expression of essential type category Boolean shall not be cast to the different essential type category unsigned.	File Scope	95	16	No	Unset	Unreviewed	
383	13.2	The value of an expression and its persistent side effects shall be the same under all permitted evaluation orders. The value of the expression depends on the order of evaluation because of multiple read accesses to objects of volatile-qualified type	File Scope	95	16	No	Unset	Unreviewed	
375	D4.3	Assembly language shall be encapsulated and isolated.	Mcu_schm_read_msr()	314	8	No	Unset	Unreviewed	
376	9.1	The value of an object with automatic storage duration shall not be read before it has been set. Variable "reg_tmp" is used before its value is set	Mcu_schm_read_msr()	317	19	No	Unset	Unreviewed	
41736	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Mcu_MCU_EXCLUSIVE_AREA_00()	392	49	No	Unset	Unreviewed	
41737	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Mcu_MCU_EXCLUSIVE_AREA_00()	392	49	No	Unset	Unreviewed	
379	14.4	The controlling expression of an if statement and the controlling expression of an iteration-statement shall have essentially Boolean type.	SchM_Enter_Mcu_MCU_EXCLUSIVE_AREA_00()	399	8	No	Unset	Unreviewed	
41748	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Mcu_MCU_EXCLUSIVE_AREA_00()	406	33	No	Unset	Unreviewed	
41749	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Mcu_MCU_EXCLUSIVE_AREA_00()	406	33	No	Unset	Unreviewed	
380	10.1	Operands shall not be of an inappropriate essential type. The left operand of the && operator is of an inappropriate essential type category unsigned.	SchM_Exit_Mcu_MCU_EXCLUSIVE_AREA_00()	416	116	No	Unset	Unreviewed	
17840	5.1	External identifiers shall be distinct. External function 'SchM_Enter_Mcu_MCU_EXCLUSIVE_AREA_01' conflicts with the external identifier 'SchM_Enter_Mcu_MCU_EXCLUSIVE_AREA_00' (SchM_Mcu.c line 387).	File Scope	425	5	No	Unset	Unreviewed	

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
41764	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Mcu_MCU_EXCLUSIVE_AREA_01()	430	49	No	Unset	Unreviewed	
41765	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Mcu_MCU_EXCLUSIVE_AREA_01()	430	49	No	Unset	Unreviewed	
381	14.4	The controlling expression of an if statement and the controlling expression of an iteration-statement shall have essentially Boolean type.	SchM_Enter_Mcu_MCU_EXCLUSIVE_AREA_01()	437	8	No	Unset	Unreviewed	
41776	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Mcu_MCU_EXCLUSIVE_AREA_01()	444	33	No	Unset	Unreviewed	
41777	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Mcu_MCU_EXCLUSIVE_AREA_01()	444	33	No	Unset	Unreviewed	
17957	5.1	External identifiers shall be distinct. External function 'SchM_Exit_Mcu_MCU_EXCLUSIVE_AREA_01' conflicts with the external identifier 'SchM_Exit_Mcu_MCU_EXCLUSIVE_AREA_00' (SchM_Mcu.c line 411).	File Scope	449	5	No	Unset	Unreviewed	
41786	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Mcu_MCU_EXCLUSIVE_AREA_01()	453	39	No	Unset	Unreviewed	
41787	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Mcu_MCU_EXCLUSIVE_AREA_01()	453	39	No	Unset	Unreviewed	
382	10.1	Operands shall not be of an inappropriate essential type. The left operand of the && operator is of an inappropriate essential type category unsigned.	SchM_Exit_Mcu_MCU_EXCLUSIVE_AREA_01()	454	116	No	Unset	Unreviewed	
17970	5.1	External identifiers shall be distinct. External function 'SchM_Enter_Mcu_MCU_EXCLUSIVE_AREA_02' conflicts with the external identifier 'SchM_Enter_Mcu_MCU_EXCLUSIVE_AREA_00' (SchM_Mcu.c line 387).	File Scope	463	5	No	Unset	Unreviewed	
41790	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Mcu_MCU_EXCLUSIVE_AREA_02()	468	49	No	Unset	Unreviewed	
41791	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Mcu_MCU_EXCLUSIVE_AREA_02()	468	49	No	Unset	Unreviewed	

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
384	14.4	The controlling expression of an if statement and the controlling expression of an iteration-statement shall have essentially Boolean type.	SchM_Enter_Mcu_MCU_EXCLUSIVE_AREA_02()	475	8	No	Unset	Unreviewed	
41804	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Mcu_MCU_EXCLUSIVE_AREA_02()	482	33	No	Unset	Unreviewed	
41805	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Mcu_MCU_EXCLUSIVE_AREA_02()	482	33	No	Unset	Unreviewed	
17954	5.1	External identifiers shall be distinct. External function 'SchM_Exit_Mcu_MCU_EXCLUSIVE_AREA_02' conflicts with the external identifier 'SchM_Exit_Mcu_MCU_EXCLUSIVE_AREA_00' (SchM_Mcu.c line 411).	File Scope	487	5	No	Unset	Unreviewed	
41809	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Mcu_MCU_EXCLUSIVE_AREA_02()	491	39	No	Unset	Unreviewed	
41810	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Mcu_MCU_EXCLUSIVE_AREA_02()	491	39	No	Unset	Unreviewed	
378	10.1	Operands shall not be of an inappropriate essential type. The left operand of the && operator is of an inappropriate essential type category unsigned.	SchM_Exit_Mcu_MCU_EXCLUSIVE_AREA_02()	492	116	No	Unset	Unreviewed	

Table 1.51. D:\Jessie\3_NXP\S32DS_S32K312EVBQ172\8_I2C_Master_DMA_FunctionTest_RTD3.0.0\S32K312_I2C_Master_MCAL\RTD\src\SchM_Port.c

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
486	10.8	The value of a composite expression shall not be cast to a different essential type category or a wider essential type. The value of the composite expression of essential type category Boolean shall not be cast to the different essential type category unsigned.	File Scope	95	16	No	Unset	Unreviewed	
522	13.2	The value of an expression and its persistent side effects shall be the same under all permitted evaluation orders. The value of the expression depends on the order of evaluation because of multiple read accesses to objects of volatile-qualified type	File Scope	95	16	No	Unset	Unreviewed	
483	D4.3	Assembly language shall be encapsulated and isolated.	Port_schm_read_msr()	364	8	No	Unset	Unreviewed	

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
495	9.1	The value of an object with automatic storage duration shall not be read before it has been set. Variable "reg_tmp" is used before its value is set	Port_schm_read_msr()	367	19	No	Unset	Unreviewed	
509	14.4	The controlling expression of an if statement and the controlling expression of an iteration-statement shall have essentially Boolean type.	SchM_Enter_Port_PORT_EXCLUSIVE_AREA_00()	449	8	No	Unset	Unreviewed	
491	10.1	Operands shall not be of an inappropriate essential type. The left operand of the && operator is of an inappropriate essential type category unsigned.	SchM_Exit_Port_PORT_EXCLUSIVE_AREA_00()	466	117	No	Unset	Unreviewed	
18047	5.1	External identifiers shall be distinct. External function 'SchM_Enter_Port_PORT_EXCLUSIVE_AREA_01' conflicts with the external identifier 'SchM_Enter_Port_PORT_EXCLUSIVE_AREA_00' (SchM_Port.c line 437).	File Scope	475	5	No	Unset	Unreviewed	
41802	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Port_PORT_EXCLUSIVE_AREA_01()	480	50	No	Unset	Unreviewed	
41803	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Port_PORT_EXCLUSIVE_AREA_01()	480	50	No	Unset	Unreviewed	
487	14.4	The controlling expression of an if statement and the controlling expression of an iteration-statement shall have essentially Boolean type.	SchM_Enter_Port_PORT_EXCLUSIVE_AREA_01()	487	8	No	Unset	Unreviewed	
41815	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Port_PORT_EXCLUSIVE_AREA_01()	494	34	No	Unset	Unreviewed	
41816	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Port_PORT_EXCLUSIVE_AREA_01()	494	34	No	Unset	Unreviewed	
18100	5.1	External identifiers shall be distinct. External function 'SchM_Exit_Port_PORT_EXCLUSIVE_AREA_01' conflicts with the external identifier 'SchM_Exit_Port_PORT_EXCLUSIVE_AREA_00' (SchM_Port.c line 461).	File Scope	499	5	No	Unset	Unreviewed	
41825	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Port_PORT_EXCLUSIVE_AREA_01()	503	40	No	Unset	Unreviewed	
41826	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Port_PORT_EXCLUSIVE_AREA_01()	503	40	No	Unset	Unreviewed	

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
504	10.1	Operands shall not be of an inappropriate essential type. The left operand of the && operator is of an inappropriate essential type category unsigned.	SchM_Exit_Port_PORT_EXCLUSIVE_AREA_01()	504	117	No	Unset	Unreviewed	
18084	5.1	External identifiers shall be distinct. External function 'SchM_Enter_Port_PORT_EXCLUSIVE_AREA_02' conflicts with the external identifier 'SchM_Enter_Port_PORT_EXCLUSIVE_AREA_00' (SchM_Port.c line 437).	File Scope	513	5	No	Unset	Unreviewed	
41843	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Port_PORT_EXCLUSIVE_AREA_02()	518	50	No	Unset	Unreviewed	
41844	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Port_PORT_EXCLUSIVE_AREA_02()	518	50	No	Unset	Unreviewed	
517	14.4	The controlling expression of an if statement and the controlling expression of an iteration-statement shall have essentially Boolean type.	SchM_Enter_Port_PORT_EXCLUSIVE_AREA_02()	525	8	No	Unset	Unreviewed	
41857	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Port_PORT_EXCLUSIVE_AREA_02()	532	34	No	Unset	Unreviewed	
41858	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Port_PORT_EXCLUSIVE_AREA_02()	532	34	No	Unset	Unreviewed	
18127	5.1	External identifiers shall be distinct. External function 'SchM_Exit_Port_PORT_EXCLUSIVE_AREA_02' conflicts with the external identifier 'SchM_Exit_Port_PORT_EXCLUSIVE_AREA_00' (SchM_Port.c line 461).	File Scope	537	5	No	Unset	Unreviewed	
489	10.1	Operands shall not be of an inappropriate essential type. The left operand of the && operator is of an inappropriate essential type category unsigned.	SchM_Exit_Port_PORT_EXCLUSIVE_AREA_02()	542	117	No	Unset	Unreviewed	
18065	5.1	External identifiers shall be distinct. External function 'SchM_Enter_Port_PORT_EXCLUSIVE_AREA_03' conflicts with the external identifier 'SchM_Enter_Port_PORT_EXCLUSIVE_AREA_00' (SchM_Port.c line 437).	File Scope	551	5	No	Unset	Unreviewed	
41875	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Port_PORT_EXCLUSIVE_AREA_03()	556	50	No	Unset	Unreviewed	
41876	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Port_PORT_EXCLUSIVE_AREA_03()	556	50	No	Unset	Unreviewed	

174

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
484	14.4	The controlling expression of an if statement and the controlling expression of an iteration-statement shall have essentially Boolean type.	SchM_Enter_Port_PORT_EXCLUSIVE_AREA_03()	563	8	No	Unset	Unreviewed	
41885	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Port_PORT_EXCLUSIVE_AREA_03()	570	34	No	Unset	Unreviewed	
41886	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Port_PORT_EXCLUSIVE_AREA_03()	570	34	No	Unset	Unreviewed	
18114	5.1	External identifiers shall be distinct. External function 'SchM_Exit_Port_PORT_EXCLUSIVE_AREA_03' conflicts with the external identifier 'SchM_Exit_Port_PORT_EXCLUSIVE_AREA_00' (SchM_Port.c line 461).	File Scope	575	5	No	Unset	Unreviewed	
503	10.1	Operands shall not be of an inappropriate essential type. The left operand of the && operator is of an inappropriate essential type category unsigned.	SchM_Exit_Port_PORT_EXCLUSIVE_AREA_03()	580	117	No	Unset	Unreviewed	
18077	5.1	External identifiers shall be distinct. External function 'SchM_Enter_Port_PORT_EXCLUSIVE_AREA_04' conflicts with the external identifier 'SchM_Enter_Port_PORT_EXCLUSIVE_AREA_00' (SchM_Port.c line 437).	File Scope	589	5	No	Unset	Unreviewed	
41897	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Port_PORT_EXCLUSIVE_AREA_04()	594	50	No	Unset	Unreviewed	
41898	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Port_PORT_EXCLUSIVE_AREA_04()	594	50	No	Unset	Unreviewed	
490	14.4	The controlling expression of an if statement and the controlling expression of an iteration-statement shall have essentially Boolean type.	SchM_Enter_Port_PORT_EXCLUSIVE_AREA_04()	601	8	No	Unset	Unreviewed	
41909	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Port_PORT_EXCLUSIVE_AREA_04()	608	34	No	Unset	Unreviewed	
41910	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Port_PORT_EXCLUSIVE_AREA_04()	608	34	No	Unset	Unreviewed	
17873	5.1	External identifiers shall be distinct. External function 'SchM_Exit_Port_PORT_EXCLUSIVE_AREA_04' conflicts with the external identifier 'SchM_Exit_Port_PORT_EXCLUSIVE_AREA_00' (SchM_Port.c line 461).	File Scope	613	5	No	Unset	Unreviewed	

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
41917	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Port_PORT_EXCLUSIVE_AREA_04()	617	40	No	Unset	Unreviewed	
41918	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Port_PORT_EXCLUSIVE_AREA_04()	617	40	No	Unset	Unreviewed	
540	10.1	Operands shall not be of an inappropriate essential type. The left operand of the && operator is of an inappropriate essential type category unsigned.	SchM_Exit_Port_PORT_EXCLUSIVE_AREA_04()	618	117	No	Unset	Unreviewed	
18075	5.1	External identifiers shall be distinct. External function 'SchM_Enter_Port_PORT_EXCLUSIVE_AREA_05' conflicts with the external identifier 'SchM_Enter_Port_PORT_EXCLUSIVE_AREA_00' (SchM_Port.c line 437).	File Scope	627	5	No	Unset	Unreviewed	
496	14.4	The controlling expression of an if statement and the controlling expression of an iteration-statement shall have essentially Boolean type.	SchM_Enter_Port_PORT_EXCLUSIVE_AREA_05()	639	8	No	Unset	Unreviewed	
18116	5.1	External identifiers shall be distinct. External function 'SchM_Exit_Port_PORT_EXCLUSIVE_AREA_05' conflicts with the external identifier 'SchM_Exit_Port_PORT_EXCLUSIVE_AREA_00' (SchM_Port.c line 461).	File Scope	651	5	No	Unset	Unreviewed	
497	10.1	Operands shall not be of an inappropriate essential type. The left operand of the && operator is of an inappropriate essential type category unsigned.	SchM_Exit_Port_PORT_EXCLUSIVE_AREA_05()	656	117	No	Unset	Unreviewed	
18057	5.1	External identifiers shall be distinct. External function 'SchM_Enter_Port_PORT_EXCLUSIVE_AREA_06' conflicts with the external identifier 'SchM_Enter_Port_PORT_EXCLUSIVE_AREA_00' (SchM_Port.c line 437).	File Scope	665	5	No	Unset	Unreviewed	
494	14.4	The controlling expression of an if statement and the controlling expression of an iteration-statement shall have essentially Boolean type.	SchM_Enter_Port_PORT_EXCLUSIVE_AREA_06()	677	8	No	Unset	Unreviewed	
18086	5.1	External identifiers shall be distinct. External function 'SchM_Exit_Port_PORT_EXCLUSIVE_AREA_06' conflicts with the external identifier 'SchM_Exit_Port_PORT_EXCLUSIVE_AREA_00' (SchM_Port.c line 461).	File Scope	689	5	No	Unset	Unreviewed	
500	10.1	Operands shall not be of an inappropriate essential type. The left operand of the && operator is of an inappropriate essential type category unsigned.	SchM_Exit_Port_PORT_EXCLUSIVE_AREA_06()	694	117	No	Unset	Unreviewed	
18046	5.1	External identifiers shall be distinct. External function 'SchM_Enter_Port_PORT_EXCLUSIVE_AR	File Scope	703	5	No	Unset	Unreviewed	

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
		EA_07' conflicts with the external identifier 'SchM_Enter_Port_PORT_EXCLUSIVE_AREA_00' (SchM_Port.c line 437).							
501	14.4	The controlling expression of an if statement and the controlling expression of an iteration-statement shall have essentially Boolean type.	SchM_Enter_Port_PORT_EXCLUSIVE_AREA_07()	715	8	No	Unset	Unreviewed	
17859	5.1	External identifiers shall be distinct. External function 'SchM_Exit_Port_PORT_EXCLUSIVE_AREA_07' conflicts with the external identifier 'SchM_Exit_Port_PORT_EXCLUSIVE_AREA_00' (SchM_Port.c line 461).	File Scope	727	5	No	Unset	Unreviewed	
499	10.1	Operands shall not be of an inappropriate essential type. The left operand of the && operator is of an inappropriate essential type category unsigned.	SchM_Exit_Port_PORT_EXCLUSIVE_AREA_07()	732	117	No	Unset	Unreviewed	
18058	5.1	External identifiers shall be distinct. External function 'SchM_Enter_Port_PORT_EXCLUSIVE_AREA_08' conflicts with the external identifier 'SchM_Enter_Port_PORT_EXCLUSIVE_AREA_00' (SchM_Port.c line 437).	File Scope	741	5	No	Unset	Unreviewed	
42006	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Port_PORT_EXCLUSIVE_AREA_08()	746	50	No	Unset	Unreviewed	
42007	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Port_PORT_EXCLUSIVE_AREA_08()	746	50	No	Unset	Unreviewed	
533	14.4	The controlling expression of an if statement and the controlling expression of an iteration-statement shall have essentially Boolean type.	SchM_Enter_Port_PORT_EXCLUSIVE_AREA_08()	753	8	No	Unset	Unreviewed	
42018	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Port_PORT_EXCLUSIVE_AREA_08()	760	34	No	Unset	Unreviewed	
42019	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Port_PORT_EXCLUSIVE_AREA_08()	760	34	No	Unset	Unreviewed	
18095	5.1	External identifiers shall be distinct. External function 'SchM_Exit_Port_PORT_EXCLUSIVE_AREA_08' conflicts with the external identifier 'SchM_Exit_Port_PORT_EXCLUSIVE_AREA_00' (SchM_Port.c line 461).	File Scope	765	5	No	Unset	Unreviewed	
42024	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Port_PORT_EXCLUSIVE_AREA_08()	769	40	No	Unset	Unreviewed	
42025	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointe	SchM_Exit_Port_PORT_EXCLUSIVE_AREA_08()	769	40	No	Unset	Unreviewed	

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
		r operand. Warning: array index may be outside bounds : [0..3]							
506	10.1	Operands shall not be of an inappropriate essential type. The left operand of the && operator is of an inappropriate essential type category unsigned.	SchM_Exit_Port_PORT_EXCLUSIVE_AREA_08()	770	117	No	Unset	Unreviewed	
18035	5.1	External identifiers shall be distinct. External function 'SchM_Enter_Port_PORT_EXCLUSIVE_AREA_09' conflicts with the external identifier 'SchM_Enter_Port_PORT_EXCLUSIVE_AREA_00' (SchM_Port.c line 437).	File Scope	779	5	No	Unset	Unreviewed	
42036	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Port_PORT_EXCLUSIVE_AREA_09()	784	50	No	Unset	Unreviewed	
42037	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Port_PORT_EXCLUSIVE_AREA_09()	784	50	No	Unset	Unreviewed	
507	14.4	The controlling expression of an if statement and the controlling expression of an iteration-statement shall have essentially Boolean type.	SchM_Enter_Port_PORT_EXCLUSIVE_AREA_09()	791	8	No	Unset	Unreviewed	
42048	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Port_PORT_EXCLUSIVE_AREA_09()	798	34	No	Unset	Unreviewed	
42049	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Port_PORT_EXCLUSIVE_AREA_09()	798	34	No	Unset	Unreviewed	
17933	5.1	External identifiers shall be distinct. External function 'SchM_Exit_Port_PORT_EXCLUSIVE_AREA_09' conflicts with the external identifier 'SchM_Exit_Port_PORT_EXCLUSIVE_AREA_00' (SchM_Port.c line 461).	File Scope	803	5	No	Unset	Unreviewed	
42054	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Port_PORT_EXCLUSIVE_AREA_09()	807	40	No	Unset	Unreviewed	
42055	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Port_PORT_EXCLUSIVE_AREA_09()	807	40	No	Unset	Unreviewed	
525	10.1	Operands shall not be of an inappropriate essential type. The left operand of the && operator is of an inappropriate essential type category unsigned.	SchM_Exit_Port_PORT_EXCLUSIVE_AREA_09()	808	117	No	Unset	Unreviewed	
18110	5.1	External identifiers shall be distinct. External function 'SchM_Enter_Port_PORT_EXCLUSIVE_AR	File Scope	817	5	No	Unset	Unreviewed	

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
		EA_10' conflicts with the external identifier 'SchM_Enter_Port_PORT_EXCLUSIVE_AREA_00' (SchM_Port.c line 437).							
42060	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Port_PORT_EXCLUSIVE_AREA_10()	822	50	No	Unset	Unreviewed	
42061	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Port_PORT_EXCLUSIVE_AREA_10()	822	50	No	Unset	Unreviewed	
498	14.4	The controlling expression of an if statement and the controlling expression of an iteration-statement shall have essentially Boolean type.	SchM_Enter_Port_PORT_EXCLUSIVE_AREA_10()	829	8	No	Unset	Unreviewed	
42066	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Port_PORT_EXCLUSIVE_AREA_10()	836	34	No	Unset	Unreviewed	
42067	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Port_PORT_EXCLUSIVE_AREA_10()	836	34	No	Unset	Unreviewed	
18070	5.1	External identifiers shall be distinct. External function 'SchM_Exit_Port_PORT_EXCLUSIVE_AREA_10' conflicts with the external identifier 'SchM_Exit_Port_PORT_EXCLUSIVE_AREA_00' (SchM_Port.c line 461).	File Scope	841	5	No	Unset	Unreviewed	
42074	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Port_PORT_EXCLUSIVE_AREA_10()	845	40	No	Unset	Unreviewed	
42075	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Port_PORT_EXCLUSIVE_AREA_10()	845	40	No	Unset	Unreviewed	
508	10.1	Operands shall not be of an inappropriate essential type. The left operand of the && operator is of an inappropriate essential type category unsigned.	SchM_Exit_Port_PORT_EXCLUSIVE_AREA_10()	846	117	No	Unset	Unreviewed	
18108	5.1	External identifiers shall be distinct. External function 'SchM_Enter_Port_PORT_EXCLUSIVE_AREA_11' conflicts with the external identifier 'SchM_Enter_Port_PORT_EXCLUSIVE_AREA_00' (SchM_Port.c line 437).	File Scope	855	5	No	Unset	Unreviewed	
42090	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Port_PORT_EXCLUSIVE_AREA_11()	860	50	No	Unset	Unreviewed	
42091	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer	SchM_Enter_Port_PORT_EXCLUSIVE_AREA_11()	860	50	No	Unset	Unreviewed	

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
		r operand. Warning: array index may be outside bounds : [0..3]							
488	14.4	The controlling expression of an if statement and the controlling expression of an iteration-statement shall have essentially Boolean type.	SchM_Enter_Port_PORT_EXCLUSIVE_AREA_11()	867	8	No	Unset	Unreviewed	
42098	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Port_PORT_EXCLUSIVE_AREA_11()	874	34	No	Unset	Unreviewed	
42099	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Port_PORT_EXCLUSIVE_AREA_11()	874	34	No	Unset	Unreviewed	
17850	5.1	External identifiers shall be distinct. External function 'SchM_Exit_Port_PORT_EXCLUSIVE_AREA_11' conflicts with the external identifier 'SchM_Exit_Port_PORT_EXCLUSIVE_AREA_00' (SchM_Port.c line 461).	File Scope	879	5	No	Unset	Unreviewed	
42106	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Port_PORT_EXCLUSIVE_AREA_11()	883	40	No	Unset	Unreviewed	
42107	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Port_PORT_EXCLUSIVE_AREA_11()	883	40	No	Unset	Unreviewed	
510	10.1	Operands shall not be of an inappropriate essential type. The left operand of the && operator is of an inappropriate essential type category unsigned.	SchM_Exit_Port_PORT_EXCLUSIVE_AREA_11()	884	117	No	Unset	Unreviewed	
17911	5.1	External identifiers shall be distinct. External function 'SchM_Enter_Port_PORT_EXCLUSIVE_AREA_12' conflicts with the external identifier 'SchM_Enter_Port_PORT_EXCLUSIVE_AREA_00' (SchM_Port.c line 437).	File Scope	893	5	No	Unset	Unreviewed	
42112	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Port_PORT_EXCLUSIVE_AREA_12()	898	50	No	Unset	Unreviewed	
42113	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Port_PORT_EXCLUSIVE_AREA_12()	898	50	No	Unset	Unreviewed	
511	14.4	The controlling expression of an if statement and the controlling expression of an iteration-statement shall have essentially Boolean type.	SchM_Enter_Port_PORT_EXCLUSIVE_AREA_12()	905	8	No	Unset	Unreviewed	
42118	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Port_PORT_EXCLUSIVE_AREA_12()	912	34	No	Unset	Unreviewed	

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
42119	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Port_PORT_EXCLUSIVE_AREA_12()	912	34	No	Unset	Unreviewed	
18015	5.1	External identifiers shall be distinct. External function 'SchM_Exit_Port_PORT_EXCLUSIVE_AREA_12' conflicts with the external identifier 'SchM_Exit_Port_PORT_EXCLUSIVE_AREA_00' (SchM_Port.c line 461).	File Scope	917	5	No	Unset	Unreviewed	
42122	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Port_PORT_EXCLUSIVE_AREA_12()	921	40	No	Unset	Unreviewed	
42123	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Port_PORT_EXCLUSIVE_AREA_12()	921	40	No	Unset	Unreviewed	
515	10.1	Operands shall not be of an inappropriate essential type. The left operand of the && operator is of an inappropriate essential type category unsigned.	SchM_Exit_Port_PORT_EXCLUSIVE_AREA_12()	922	117	No	Unset	Unreviewed	
18078	5.1	External identifiers shall be distinct. External function 'SchM_Enter_Port_PORT_EXCLUSIVE_AREA_13' conflicts with the external identifier 'SchM_Enter_Port_PORT_EXCLUSIVE_AREA_00' (SchM_Port.c line 437).	File Scope	931	5	No	Unset	Unreviewed	
42126	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Port_PORT_EXCLUSIVE_AREA_13()	936	50	No	Unset	Unreviewed	
42127	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Port_PORT_EXCLUSIVE_AREA_13()	936	50	No	Unset	Unreviewed	
528	14.4	The controlling expression of an if statement and the controlling expression of an iteration-statement shall have essentially Boolean type.	SchM_Enter_Port_PORT_EXCLUSIVE_AREA_13()	943	8	No	Unset	Unreviewed	
42130	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Port_PORT_EXCLUSIVE_AREA_13()	950	34	No	Unset	Unreviewed	
42131	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Port_PORT_EXCLUSIVE_AREA_13()	950	34	No	Unset	Unreviewed	
18073	5.1	External identifiers shall be distinct. External function 'SchM_Exit_Port_PORT_EXCLUSIVE_ARE	File Scope	955	5	No	Unset	Unreviewed	

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
		A_13' conflicts with the external identifier 'SchM_Exit_Port_PORT_EXCLUSIVE_AREA_00' (SchM_Port.c line 461).							
42134	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Port_PORT_EXCLUSIVE_AREA_13()	959	40	No	Unset	Unreviewed	
42135	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Port_PORT_EXCLUSIVE_AREA_13()	959	40	No	Unset	Unreviewed	
535	10.1	Operands shall not be of an inappropriate essential type. The left operand of the && operator is of an inappropriate essential type category unsigned.	SchM_Exit_Port_PORT_EXCLUSIVE_AREA_13()	960	117	No	Unset	Unreviewed	
17828	5.1	External identifiers shall be distinct. External function 'SchM_Enter_Port_PORT_EXCLUSIVE_AREA_14' conflicts with the external identifier 'SchM_Enter_Port_PORT_EXCLUSIVE_AREA_00' (SchM_Port.c line 437).	File Scope	969	5	No	Unset	Unreviewed	
42140	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Port_PORT_EXCLUSIVE_AREA_14()	974	50	No	Unset	Unreviewed	
42141	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Port_PORT_EXCLUSIVE_AREA_14()	974	50	No	Unset	Unreviewed	
512	14.4	The controlling expression of an if statement and the controlling expression of an iteration-statement shall have essentially Boolean type.	SchM_Enter_Port_PORT_EXCLUSIVE_AREA_14()	981	8	No	Unset	Unreviewed	
42146	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Port_PORT_EXCLUSIVE_AREA_14()	988	34	No	Unset	Unreviewed	
42147	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Port_PORT_EXCLUSIVE_AREA_14()	988	34	No	Unset	Unreviewed	
18079	5.1	External identifiers shall be distinct. External function 'SchM_Exit_Port_PORT_EXCLUSIVE_AREA_14' conflicts with the external identifier 'SchM_Exit_Port_PORT_EXCLUSIVE_AREA_00' (SchM_Port.c line 461).	File Scope	993	5	No	Unset	Unreviewed	
42162	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Port_PORT_EXCLUSIVE_AREA_14()	997	40	No	Unset	Unreviewed	
42163	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer	SchM_Exit_Port_PORT_EXCLUSIVE_AREA_14()	997	40	No	Unset	Unreviewed	

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
		r operand. Warning: array index may be outside bounds : [0..3]							
485	10.1	Operands shall not be of an inappropriate essential type. The left operand of the && operator is of an inappropriate essential type category unsigned.	SchM_Exit_Port_PORT_EXCLUSIVE_AREA_14()	998	117	No	Unset	Unreviewed	
18055	5.1	External identifiers shall be distinct. External function 'SchM_Enter_Port_PORT_EXCLUSIVE_AREA_15' conflicts with the external identifier 'SchM_Enter_Port_PORT_EXCLUSIVE_AREA_00' (SchM_Port.c line 437).	File Scope	1007	5	No	Unset	Unreviewed	
42168	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Port_PORT_EXCLUSIVE_AREA_15()	1012	50	No	Unset	Unreviewed	
42169	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Port_PORT_EXCLUSIVE_AREA_15()	1012	50	No	Unset	Unreviewed	
523	14.4	The controlling expression of an if statement and the controlling expression of an iteration-statement shall have essentially Boolean type.	SchM_Enter_Port_PORT_EXCLUSIVE_AREA_15()	1019	8	No	Unset	Unreviewed	
42174	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Port_PORT_EXCLUSIVE_AREA_15()	1026	34	No	Unset	Unreviewed	
42175	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Port_PORT_EXCLUSIVE_AREA_15()	1026	34	No	Unset	Unreviewed	
18069	5.1	External identifiers shall be distinct. External function 'SchM_Exit_Port_PORT_EXCLUSIVE_AREA_15' conflicts with the external identifier 'SchM_Exit_Port_PORT_EXCLUSIVE_AREA_00' (SchM_Port.c line 461).	File Scope	1031	5	No	Unset	Unreviewed	
42180	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Port_PORT_EXCLUSIVE_AREA_15()	1035	40	No	Unset	Unreviewed	
42181	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Port_PORT_EXCLUSIVE_AREA_15()	1035	40	No	Unset	Unreviewed	
518	10.1	Operands shall not be of an inappropriate essential type. The left operand of the && operator is of an inappropriate essential type category unsigned.	SchM_Exit_Port_PORT_EXCLUSIVE_AREA_15()	1036	117	No	Unset	Unreviewed	
18082	5.1	External identifiers shall be distinct. External function 'SchM_Enter_Port_PORT_EXCLUSIVE_AR	File Scope	1045	5	No	Unset	Unreviewed	

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
		EA_16' conflicts with the external identifier 'SchM_Enter_Port_PORT_EXCLUSIVE_AREA_00' (SchM_Port.c line 437).							
42188	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Port_PORT_EXCLUSIVE_AREA_16()	1050	50	No	Unset	Unreviewed	
42189	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Port_PORT_EXCLUSIVE_AREA_16()	1050	50	No	Unset	Unreviewed	
514	14.4	The controlling expression of an if statement and the controlling expression of an iteration-statement shall have essentially Boolean type.	SchM_Enter_Port_PORT_EXCLUSIVE_AREA_16()	1057	8	No	Unset	Unreviewed	
42194	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Port_PORT_EXCLUSIVE_AREA_16()	1064	34	No	Unset	Unreviewed	
42195	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Port_PORT_EXCLUSIVE_AREA_16()	1064	34	No	Unset	Unreviewed	
17998	5.1	External identifiers shall be distinct. External function 'SchM_Exit_Port_PORT_EXCLUSIVE_AREA_16' conflicts with the external identifier 'SchM_Exit_Port_PORT_EXCLUSIVE_AREA_00' (SchM_Port.c line 461).	File Scope	1069	5	No	Unset	Unreviewed	
42202	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Port_PORT_EXCLUSIVE_AREA_16()	1073	40	No	Unset	Unreviewed	
42203	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Port_PORT_EXCLUSIVE_AREA_16()	1073	40	No	Unset	Unreviewed	
529	10.1	Operands shall not be of an inappropriate essential type. The left operand of the && operator is of an inappropriate essential type category unsigned.	SchM_Exit_Port_PORT_EXCLUSIVE_AREA_16()	1074	117	No	Unset	Unreviewed	
17999	5.1	External identifiers shall be distinct. External function 'SchM_Enter_Port_PORT_EXCLUSIVE_AREA_17' conflicts with the external identifier 'SchM_Enter_Port_PORT_EXCLUSIVE_AREA_00' (SchM_Port.c line 437).	File Scope	1083	5	No	Unset	Unreviewed	
42210	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Port_PORT_EXCLUSIVE_AREA_17()	1088	50	No	Unset	Unreviewed	
42211	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer	SchM_Enter_Port_PORT_EXCLUSIVE_AREA_17()	1088	50	No	Unset	Unreviewed	

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
		r operand. Warning: array index may be outside bounds : [0..3]							
536	14.4	The controlling expression of an if statement and the controlling expression of an iteration-statement shall have essentially Boolean type.	SchM_Enter_Port_PORT_EXCLUSIVE_AREA_17()	1095	8	No	Unset	Unreviewed	
42216	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Port_PORT_EXCLUSIVE_AREA_17()	1102	34	No	Unset	Unreviewed	
42217	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Port_PORT_EXCLUSIVE_AREA_17()	1102	34	No	Unset	Unreviewed	
17884	5.1	External identifiers shall be distinct. External function 'SchM_Exit_Port_PORT_EXCLUSIVE_AREA_17' conflicts with the external identifier 'SchM_Exit_Port_PORT_EXCLUSIVE_AREA_00' (SchM_Port.c line 461).	File Scope	1107	5	No	Unset	Unreviewed	
42222	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Port_PORT_EXCLUSIVE_AREA_17()	1111	40	No	Unset	Unreviewed	
42223	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Port_PORT_EXCLUSIVE_AREA_17()	1111	40	No	Unset	Unreviewed	
492	10.1	Operands shall not be of an inappropriate essential type. The left operand of the && operator is of an inappropriate essential type category unsigned.	SchM_Exit_Port_PORT_EXCLUSIVE_AREA_17()	1112	117	No	Unset	Unreviewed	
18039	5.1	External identifiers shall be distinct. External function 'SchM_Enter_Port_PORT_EXCLUSIVE_AREA_18' conflicts with the external identifier 'SchM_Enter_Port_PORT_EXCLUSIVE_AREA_00' (SchM_Port.c line 437).	File Scope	1121	5	No	Unset	Unreviewed	
42228	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Port_PORT_EXCLUSIVE_AREA_18()	1126	50	No	Unset	Unreviewed	
42229	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Port_PORT_EXCLUSIVE_AREA_18()	1126	50	No	Unset	Unreviewed	
519	14.4	The controlling expression of an if statement and the controlling expression of an iteration-statement shall have essentially Boolean type.	SchM_Enter_Port_PORT_EXCLUSIVE_AREA_18()	1133	8	No	Unset	Unreviewed	
42234	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Port_PORT_EXCLUSIVE_AREA_18()	1140	34	No	Unset	Unreviewed	

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
42235	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Port_PORT_EXCLUSIVE_AREA_18()	1140	34	No	Unset	Unreviewed	
17856	5.1	External identifiers shall be distinct. External function 'SchM_Exit_Port_PORT_EXCLUSIVE_AREA_18' conflicts with the external identifier 'SchM_Exit_Port_PORT_EXCLUSIVE_AREA_00' (SchM_Port.c line 461).	File Scope	1145	5	No	Unset	Unreviewed	
42240	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Port_PORT_EXCLUSIVE_AREA_18()	1149	40	No	Unset	Unreviewed	
42241	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Port_PORT_EXCLUSIVE_AREA_18()	1149	40	No	Unset	Unreviewed	
530	10.1	Operands shall not be of an inappropriate essential type. The left operand of the && operator is of an inappropriate essential type category unsigned.	SchM_Exit_Port_PORT_EXCLUSIVE_AREA_18()	1150	117	No	Unset	Unreviewed	
18014	5.1	External identifiers shall be distinct. External function 'SchM_Enter_Port_PORT_EXCLUSIVE_AREA_19' conflicts with the external identifier 'SchM_Enter_Port_PORT_EXCLUSIVE_AREA_00' (SchM_Port.c line 437).	File Scope	1159	5	No	Unset	Unreviewed	
42246	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Port_PORT_EXCLUSIVE_AREA_19()	1164	50	No	Unset	Unreviewed	
42247	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Port_PORT_EXCLUSIVE_AREA_19()	1164	50	No	Unset	Unreviewed	
538	14.4	The controlling expression of an if statement and the controlling expression of an iteration-statement shall have essentially Boolean type.	SchM_Enter_Port_PORT_EXCLUSIVE_AREA_19()	1171	8	No	Unset	Unreviewed	
42252	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Port_PORT_EXCLUSIVE_AREA_19()	1178	34	No	Unset	Unreviewed	
42253	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Port_PORT_EXCLUSIVE_AREA_19()	1178	34	No	Unset	Unreviewed	
18044	5.1	External identifiers shall be distinct. External function 'SchM_Exit_Port_PORT_EXCLUSIVE_ARE	File Scope	1183	5	No	Unset	Unreviewed	

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
		A_19' conflicts with the external identifier 'SchM_Exit_Port_PORT_EXCLUSIVE_AREA_00' (SchM_Port.c line 461).							
42258	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Port_PORT_EXCLUSIVE_AREA_19()	1187	40	No	Unset	Unreviewed	
42259	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Port_PORT_EXCLUSIVE_AREA_19()	1187	40	No	Unset	Unreviewed	
537	10.1	Operands shall not be of an inappropriate essential type. The left operand of the && operator is of an inappropriate essential type category unsigned.	SchM_Exit_Port_PORT_EXCLUSIVE_AREA_19()	1188	117	No	Unset	Unreviewed	
18016	5.1	External identifiers shall be distinct. External function 'SchM_Enter_Port_PORT_EXCLUSIVE_AREA_20' conflicts with the external identifier 'SchM_Enter_Port_PORT_EXCLUSIVE_AREA_00' (SchM_Port.c line 437).	File Scope	1197	5	No	Unset	Unreviewed	
42264	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Port_PORT_EXCLUSIVE_AREA_20()	1202	50	No	Unset	Unreviewed	
42265	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Port_PORT_EXCLUSIVE_AREA_20()	1202	50	No	Unset	Unreviewed	
524	14.4	The controlling expression of an if statement and the controlling expression of an iteration-statement shall have essentially Boolean type.	SchM_Enter_Port_PORT_EXCLUSIVE_AREA_20()	1209	8	No	Unset	Unreviewed	
42270	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Port_PORT_EXCLUSIVE_AREA_20()	1216	34	No	Unset	Unreviewed	
42271	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Port_PORT_EXCLUSIVE_AREA_20()	1216	34	No	Unset	Unreviewed	
18104	5.1	External identifiers shall be distinct. External function 'SchM_Exit_Port_PORT_EXCLUSIVE_AREA_20' conflicts with the external identifier 'SchM_Exit_Port_PORT_EXCLUSIVE_AREA_00' (SchM_Port.c line 461).	File Scope	1221	5	No	Unset	Unreviewed	
42276	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Port_PORT_EXCLUSIVE_AREA_20()	1225	40	No	Unset	Unreviewed	
42277	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer	SchM_Exit_Port_PORT_EXCLUSIVE_AREA_20()	1225	40	No	Unset	Unreviewed	

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
		r operand. Warning: array index may be outside bounds : [0..3]							
513	10.1	Operands shall not be of an inappropriate essential type. The left operand of the && operator is of an inappropriate essential type category unsigned.	SchM_Exit_Port_PORT_EXCLUSIVE_AREA_20()	1226	117	No	Unset	Unreviewed	
18043	5.1	External identifiers shall be distinct. External function 'SchM_Enter_Port_PORT_EXCLUSIVE_AREA_21' conflicts with the external identifier 'SchM_Enter_Port_PORT_EXCLUSIVE_AREA_00' (SchM_Port.c line 437).	File Scope	1235	5	No	Unset	Unreviewed	
42282	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Port_PORT_EXCLUSIVE_AREA_21()	1240	50	No	Unset	Unreviewed	
42283	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Port_PORT_EXCLUSIVE_AREA_21()	1240	50	No	Unset	Unreviewed	
516	14.4	The controlling expression of an if statement and the controlling expression of an iteration-statement shall have essentially Boolean type.	SchM_Enter_Port_PORT_EXCLUSIVE_AREA_21()	1247	8	No	Unset	Unreviewed	
42288	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Port_PORT_EXCLUSIVE_AREA_21()	1254	34	No	Unset	Unreviewed	
42289	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Port_PORT_EXCLUSIVE_AREA_21()	1254	34	No	Unset	Unreviewed	
18119	5.1	External identifiers shall be distinct. External function 'SchM_Exit_Port_PORT_EXCLUSIVE_AREA_21' conflicts with the external identifier 'SchM_Exit_Port_PORT_EXCLUSIVE_AREA_00' (SchM_Port.c line 461).	File Scope	1259	5	No	Unset	Unreviewed	
42294	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Port_PORT_EXCLUSIVE_AREA_21()	1263	40	No	Unset	Unreviewed	
42295	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Port_PORT_EXCLUSIVE_AREA_21()	1263	40	No	Unset	Unreviewed	
520	10.1	Operands shall not be of an inappropriate essential type. The left operand of the && operator is of an inappropriate essential type category unsigned.	SchM_Exit_Port_PORT_EXCLUSIVE_AREA_21()	1264	117	No	Unset	Unreviewed	
18048	5.1	External identifiers shall be distinct. External function 'SchM_Enter_Port_PORT_EXCLUSIVE_AR	File Scope	1273	5	No	Unset	Unreviewed	

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
		EA_22' conflicts with the external identifier 'SchM_Enter_Port_PORT_EXCLUSIVE_AREA_00' (SchM_Port.c line 437).							
42300	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Port_PORT_EXCLUSIVE_AREA_22()	1278	50	No	Unset	Unreviewed	
42301	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Port_PORT_EXCLUSIVE_AREA_22()	1278	50	No	Unset	Unreviewed	
521	14.4	The controlling expression of an if statement and the controlling expression of an iteration-statement shall have essentially Boolean type.	SchM_Enter_Port_PORT_EXCLUSIVE_AREA_22()	1285	8	No	Unset	Unreviewed	
42306	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Port_PORT_EXCLUSIVE_AREA_22()	1292	34	No	Unset	Unreviewed	
42307	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Port_PORT_EXCLUSIVE_AREA_22()	1292	34	No	Unset	Unreviewed	
18113	5.1	External identifiers shall be distinct. External function 'SchM_Exit_Port_PORT_EXCLUSIVE_AREA_22' conflicts with the external identifier 'SchM_Exit_Port_PORT_EXCLUSIVE_AREA_00' (SchM_Port.c line 461).	File Scope	1297	5	No	Unset	Unreviewed	
42312	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Port_PORT_EXCLUSIVE_AREA_22()	1301	40	No	Unset	Unreviewed	
42313	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Port_PORT_EXCLUSIVE_AREA_22()	1301	40	No	Unset	Unreviewed	
532	10.1	Operands shall not be of an inappropriate essential type. The left operand of the && operator is of an inappropriate essential type category unsigned.	SchM_Exit_Port_PORT_EXCLUSIVE_AREA_22()	1302	117	No	Unset	Unreviewed	
18036	5.1	External identifiers shall be distinct. External function 'SchM_Enter_Port_PORT_EXCLUSIVE_AREA_23' conflicts with the external identifier 'SchM_Enter_Port_PORT_EXCLUSIVE_AREA_00' (SchM_Port.c line 437).	File Scope	1311	5	No	Unset	Unreviewed	
42318	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Port_PORT_EXCLUSIVE_AREA_23()	1316	50	No	Unset	Unreviewed	
42319	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer	SchM_Enter_Port_PORT_EXCLUSIVE_AREA_23()	1316	50	No	Unset	Unreviewed	

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
		r operand. Warning: array index may be outside bounds : [0..3]							
493	14.4	The controlling expression of an if statement and the controlling expression of an iteration-statement shall have essentially Boolean type.	SchM_Enter_Port_PORT_EXCLUSIVE_AREA_23()	1323	8	No	Unset	Unreviewed	
42324	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Port_PORT_EXCLUSIVE_AREA_23()	1330	34	No	Unset	Unreviewed	
42325	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Port_PORT_EXCLUSIVE_AREA_23()	1330	34	No	Unset	Unreviewed	
18050	5.1	External identifiers shall be distinct. External function 'SchM_Exit_Port_PORT_EXCLUSIVE_AREA_23' conflicts with the external identifier 'SchM_Exit_Port_PORT_EXCLUSIVE_AREA_00' (SchM_Port.c line 461).	File Scope	1335	5	No	Unset	Unreviewed	
42330	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Port_PORT_EXCLUSIVE_AREA_23()	1339	40	No	Unset	Unreviewed	
42331	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Port_PORT_EXCLUSIVE_AREA_23()	1339	40	No	Unset	Unreviewed	
539	10.1	Operands shall not be of an inappropriate essential type. The left operand of the && operator is of an inappropriate essential type category unsigned.	SchM_Exit_Port_PORT_EXCLUSIVE_AREA_23()	1340	117	No	Unset	Unreviewed	
18115	5.1	External identifiers shall be distinct. External function 'SchM_Enter_Port_PORT_EXCLUSIVE_AREA_24' conflicts with the external identifier 'SchM_Enter_Port_PORT_EXCLUSIVE_AREA_00' (SchM_Port.c line 437).	File Scope	1349	5	No	Unset	Unreviewed	
42336	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Port_PORT_EXCLUSIVE_AREA_24()	1354	50	No	Unset	Unreviewed	
42337	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Port_PORT_EXCLUSIVE_AREA_24()	1354	50	No	Unset	Unreviewed	
527	14.4	The controlling expression of an if statement and the controlling expression of an iteration-statement shall have essentially Boolean type.	SchM_Enter_Port_PORT_EXCLUSIVE_AREA_24()	1361	8	No	Unset	Unreviewed	
42342	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Port_PORT_EXCLUSIVE_AREA_24()	1368	34	No	Unset	Unreviewed	

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
42343	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Port_PORT_EXCLUSIVE_AREA_24()	1368	34	No	Unset	Unreviewed	
18083	5.1	External identifiers shall be distinct. External function 'SchM_Exit_Port_PORT_EXCLUSIVE_AREA_24' conflicts with the external identifier 'SchM_Exit_Port_PORT_EXCLUSIVE_AREA_00' (SchM_Port.c line 461).	File Scope	1373	5	No	Unset	Unreviewed	
42348	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Port_PORT_EXCLUSIVE_AREA_24()	1377	40	No	Unset	Unreviewed	
42349	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Port_PORT_EXCLUSIVE_AREA_24()	1377	40	No	Unset	Unreviewed	
531	10.1	Operands shall not be of an inappropriate essential type. The left operand of the && operator is of an inappropriate essential type category unsigned.	SchM_Exit_Port_PORT_EXCLUSIVE_AREA_24()	1378	117	No	Unset	Unreviewed	
18023	5.1	External identifiers shall be distinct. External function 'SchM_Enter_Port_PORT_EXCLUSIVE_AREA_25' conflicts with the external identifier 'SchM_Enter_Port_PORT_EXCLUSIVE_AREA_00' (SchM_Port.c line 437).	File Scope	1387	5	No	Unset	Unreviewed	
42354	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Port_PORT_EXCLUSIVE_AREA_25()	1392	50	No	Unset	Unreviewed	
42355	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Port_PORT_EXCLUSIVE_AREA_25()	1392	50	No	Unset	Unreviewed	
505	14.4	The controlling expression of an if statement and the controlling expression of an iteration-statement shall have essentially Boolean type.	SchM_Enter_Port_PORT_EXCLUSIVE_AREA_25()	1399	8	No	Unset	Unreviewed	
42360	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Port_PORT_EXCLUSIVE_AREA_25()	1406	34	No	Unset	Unreviewed	
42361	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Port_PORT_EXCLUSIVE_AREA_25()	1406	34	No	Unset	Unreviewed	
18092	5.1	External identifiers shall be distinct. External function 'SchM_Exit_Port_PORT_EXCLUSIVE_ARE	File Scope	1411	5	No	Unset	Unreviewed	

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
		A_25' conflicts with the external identifier 'SchM_Exit_Port_PORT_EXCLUSIVE_AREA_00' (SchM_Port.c line 461).							
42370	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Port_PORT_EXCLUSIVE_AREA_25()	1415	40	No	Unset	Unreviewed	
42371	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Port_PORT_EXCLUSIVE_AREA_25()	1415	40	No	Unset	Unreviewed	
526	10.1	Operands shall not be of an inappropriate essential type. The left operand of the && operator is of an inappropriate essential type category unsigned.	SchM_Exit_Port_PORT_EXCLUSIVE_AREA_25()	1416	117	No	Unset	Unreviewed	
17981	5.1	External identifiers shall be distinct. External function 'SchM_Enter_Port_PORT_EXCLUSIVE_AREA_26' conflicts with the external identifier 'SchM_Enter_Port_PORT_EXCLUSIVE_AREA_00' (SchM_Port.c line 437).	File Scope	1425	5	No	Unset	Unreviewed	
42376	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Port_PORT_EXCLUSIVE_AREA_26()	1430	50	No	Unset	Unreviewed	
42377	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Port_PORT_EXCLUSIVE_AREA_26()	1430	50	No	Unset	Unreviewed	
502	14.4	The controlling expression of an if statement and the controlling expression of an iteration-statement shall have essentially Boolean type.	SchM_Enter_Port_PORT_EXCLUSIVE_AREA_26()	1437	8	No	Unset	Unreviewed	
42386	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Port_PORT_EXCLUSIVE_AREA_26()	1444	34	No	Unset	Unreviewed	
42387	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Port_PORT_EXCLUSIVE_AREA_26()	1444	34	No	Unset	Unreviewed	
18081	5.1	External identifiers shall be distinct. External function 'SchM_Exit_Port_PORT_EXCLUSIVE_AREA_26' conflicts with the external identifier 'SchM_Exit_Port_PORT_EXCLUSIVE_AREA_00' (SchM_Port.c line 461).	File Scope	1449	5	No	Unset	Unreviewed	
42392	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Port_PORT_EXCLUSIVE_AREA_26()	1453	40	No	Unset	Unreviewed	
42393	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer	SchM_Exit_Port_PORT_EXCLUSIVE_AREA_26()	1453	40	No	Unset	Unreviewed	

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
		r operand. Warning: array index may be outside bounds : [0..3]							
534	10.1	Operands shall not be of an inappropriate essential type. The left operand of the && operator is of an inappropriate essential type category unsigned.	SchM_Exit_Port_PORT_EXCLUSIVE_AREA_26()	1454	117	No	Unset	Unreviewed	
18096	5.1	External identifiers shall be distinct. External function 'SchM_Enter_Port_PORT_EXCLUSIVE_AREA_27' conflicts with the external identifier 'SchM_Enter_Port_PORT_EXCLUSIVE_AREA_00' (SchM_Port.c line 437).	File Scope	1463	5	No	Unset	Unreviewed	
42402	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Port_PORT_EXCLUSIVE_AREA_27()	1468	50	No	Unset	Unreviewed	
42403	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Port_PORT_EXCLUSIVE_AREA_27()	1468	50	No	Unset	Unreviewed	
541	14.4	The controlling expression of an if statement and the controlling expression of an iteration-statement shall have essentially Boolean type.	SchM_Enter_Port_PORT_EXCLUSIVE_AREA_27()	1475	8	No	Unset	Unreviewed	
42412	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Port_PORT_EXCLUSIVE_AREA_27()	1482	34	No	Unset	Unreviewed	
42413	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Port_PORT_EXCLUSIVE_AREA_27()	1482	34	No	Unset	Unreviewed	
18107	5.1	External identifiers shall be distinct. External function 'SchM_Exit_Port_PORT_EXCLUSIVE_AREA_27' conflicts with the external identifier 'SchM_Exit_Port_PORT_EXCLUSIVE_AREA_00' (SchM_Port.c line 461).	File Scope	1487	5	No	Unset	Unreviewed	
42418	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Port_PORT_EXCLUSIVE_AREA_27()	1491	40	No	Unset	Unreviewed	
42419	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Port_PORT_EXCLUSIVE_AREA_27()	1491	40	No	Unset	Unreviewed	
542	10.1	Operands shall not be of an inappropriate essential type. The left operand of the && operator is of an inappropriate essential type category unsigned.	SchM_Exit_Port_PORT_EXCLUSIVE_AREA_27()	1492	117	No	Unset	Unreviewed	

Table 1.52. D:\Jessie\3_NXP\S32DS_S32K312EVBQ172\8_I2C_Master_DMA_FunctionTest_RTD3.0.0\S32K312_I2C_Master_MCAL\RTD\src\SchM_Rm.c

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
549	13.2	The value of an expression and its persistent side effects shall be the same under all permitted evaluation orders. The value of the expression depends on the order of evaluation because of multiple read accesses to objects of volatile-qualified type	File Scope	95	16	No	Unset	Unreviewed	
553	10.8	The value of a composite expression shall not be cast to a different essential type category or a wider essential type. The value of the composite expression of essential type category Boolean shall not be cast to the different essential type category unsigned.	File Scope	95	16	No	Unset	Unreviewed	
544	D4.3	Assembly language shall be encapsulated and isolated.	Rm_schm_read_msr()	334	8	No	Unset	Unreviewed	
561	9.1	The value of an object with automatic storage duration shall not be read before it has been set. Variable "reg_tmp" is used before its value is set	Rm_schm_read_msr()	337	19	No	Unset	Unreviewed	
41758	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Rm_RM_EXCLUSIVE_AREA_00()	412	48	No	Unset	Unreviewed	
41759	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Rm_RM_EXCLUSIVE_AREA_00()	412	48	No	Unset	Unreviewed	
546	14.4	The controlling expression of an if statement and the controlling expression of an iteration-statement shall have essentially Boolean type.	SchM_Enter_Rm_RM_EXCLUSIVE_AREA_00()	419	8	No	Unset	Unreviewed	
41760	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Rm_RM_EXCLUSIVE_AREA_00()	426	32	No	Unset	Unreviewed	
41761	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Rm_RM_EXCLUSIVE_AREA_00()	426	32	No	Unset	Unreviewed	
41770	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Rm_RM_EXCLUSIVE_AREA_00()	435	38	No	Unset	Unreviewed	
41771	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Rm_RM_EXCLUSIVE_AREA_00()	435	38	No	Unset	Unreviewed	

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
559	10.1	Operands shall not be of an inappropriate essential type. The left operand of the && operator is of an inappropriate essential type category unsigned.	SchM_Exit_Rm_RM_EXCLUSIVE_AREA_00()	436	115	No	Unset	Unreviewed	
17849	5.1	External identifiers shall be distinct. External function 'SchM_Enter_Rm_RM_EXCLUSIVE_AREA_01' conflicts with the external identifier 'SchM_Enter_Rm_RM_EXCLUSIVE_AREA_00' (SchM_Rm.c line 407).	File Scope	445	5	No	Unset	Unreviewed	
41782	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Rm_RM_EXCLUSIVE_AREA_01()	450	48	No	Unset	Unreviewed	
41783	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Rm_RM_EXCLUSIVE_AREA_01()	450	48	No	Unset	Unreviewed	
547	14.4	The controlling expression of an if statement and the controlling expression of an iteration-statement shall have essentially Boolean type.	SchM_Enter_Rm_RM_EXCLUSIVE_AREA_01()	457	8	No	Unset	Unreviewed	
41788	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Rm_RM_EXCLUSIVE_AREA_01()	464	32	No	Unset	Unreviewed	
41789	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Rm_RM_EXCLUSIVE_AREA_01()	464	32	No	Unset	Unreviewed	
17846	5.1	External identifiers shall be distinct. External function 'SchM_Exit_Rm_RM_EXCLUSIVE_AREA_01' conflicts with the external identifier 'SchM_Exit_Rm_RM_EXCLUSIVE_AREA_00' (SchM_Rm.c line 431).	File Scope	469	5	No	Unset	Unreviewed	
41800	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Rm_RM_EXCLUSIVE_AREA_01()	473	38	No	Unset	Unreviewed	
41801	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Rm_RM_EXCLUSIVE_AREA_01()	473	38	No	Unset	Unreviewed	
545	10.1	Operands shall not be of an inappropriate essential type. The left operand of the && operator is of an inappropriate essential type category unsigned.	SchM_Exit_Rm_RM_EXCLUSIVE_AREA_01()	474	115	No	Unset	Unreviewed	
18064	5.1	External identifiers shall be distinct. External function 'SchM_Enter_Rm_RM_EXCLUSIVE_AREA_02' conflicts with the external identifier 'SchM_Enter_Rm_RM_EXCLUSIVE_AREA_00' (SchM_Rm.c line 407).	File Scope	483	5	No	Unset	Unreviewed	

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
41807	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Rm_RM_EXCLUSIVE_AREA_02()	488	48	No	Unset	Unreviewed	
41808	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Rm_RM_EXCLUSIVE_AREA_02()	488	48	No	Unset	Unreviewed	
550	14.4	The controlling expression of an if statement and the controlling expression of an iteration-statement shall have essentially Boolean type.	SchM_Enter_Rm_RM_EXCLUSIVE_AREA_02()	495	8	No	Unset	Unreviewed	
41823	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Rm_RM_EXCLUSIVE_AREA_02()	502	32	No	Unset	Unreviewed	
41824	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Rm_RM_EXCLUSIVE_AREA_02()	502	32	No	Unset	Unreviewed	
18121	5.1	External identifiers shall be distinct. External function 'SchM_Exit_Rm_RM_EXCLUSIVE_AREA_02' conflicts with the external identifier 'SchM_Exit_RM_EXCLUSIVE_AREA_00' (SchM_Rm.c line 431).	File Scope	507	5	No	Unset	Unreviewed	
41829	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Rm_RM_EXCLUSIVE_AREA_02()	511	38	No	Unset	Unreviewed	
41830	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Rm_RM_EXCLUSIVE_AREA_02()	511	38	No	Unset	Unreviewed	
548	10.1	Operands shall not be of an inappropriate essential type. The left operand of the && operator is of an inappropriate essential type category unsigned.	SchM_Exit_Rm_RM_EXCLUSIVE_AREA_02()	512	115	No	Unset	Unreviewed	
17971	5.1	External identifiers shall be distinct. External function 'SchM_Enter_Rm_RM_EXCLUSIVE_AREA_03' conflicts with the external identifier 'SchM_Enter_Rm_RM_EXCLUSIVE_AREA_00' (SchM_Rm.c line 407).	File Scope	521	5	No	Unset	Unreviewed	
41849	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Rm_RM_EXCLUSIVE_AREA_03()	526	48	No	Unset	Unreviewed	
41850	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Rm_RM_EXCLUSIVE_AREA_03()	526	48	No	Unset	Unreviewed	

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
555	14.4	The controlling expression of an if statement and the controlling expression of an iteration-statement shall have essentially Boolean type.	SchM_Enter_Rm_RM_EXCLUSIVE_AREA_03()	533	8	No	Unset	Unreviewed	
41863	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Rm_RM_EXCLUSIVE_AREA_03()	540	32	No	Unset	Unreviewed	
41864	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Rm_RM_EXCLUSIVE_AREA_03()	540	32	No	Unset	Unreviewed	
17861	5.1	External identifiers shall be distinct. External function 'SchM_Exit_Rm_RM_EXCLUSIVE_AREA_03' conflicts with the external identifier 'SchM_Exit_Rm_RM_EXCLUSIVE_AREA_00' (SchM_Rm.c line 431).	File Scope	545	5	No	Unset	Unreviewed	
41873	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Rm_RM_EXCLUSIVE_AREA_03()	549	38	No	Unset	Unreviewed	
41874	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Rm_RM_EXCLUSIVE_AREA_03()	549	38	No	Unset	Unreviewed	
564	10.1	Operands shall not be of an inappropriate essential type. The left operand of the && operator is of an inappropriate essential type category unsigned.	SchM_Exit_Rm_RM_EXCLUSIVE_AREA_03()	550	115	No	Unset	Unreviewed	
17868	5.1	External identifiers shall be distinct. External function 'SchM_Enter_Rm_RM_EXCLUSIVE_AREA_04' conflicts with the external identifier 'SchM_Enter_Rm_RM_EXCLUSIVE_AREA_00' (SchM_Rm.c line 407).	File Scope	559	5	No	Unset	Unreviewed	
41879	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Rm_RM_EXCLUSIVE_AREA_04()	564	48	No	Unset	Unreviewed	
41880	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Rm_RM_EXCLUSIVE_AREA_04()	564	48	No	Unset	Unreviewed	
557	14.4	The controlling expression of an if statement and the controlling expression of an iteration-statement shall have essentially Boolean type.	SchM_Enter_Rm_RM_EXCLUSIVE_AREA_04()	571	8	No	Unset	Unreviewed	
41889	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Rm_RM_EXCLUSIVE_AREA_04()	578	32	No	Unset	Unreviewed	
41890	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointe	SchM_Enter_Rm_RM_EXCLUSIVE_AREA_04()	578	32	No	Unset	Unreviewed	

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
		r operand. Warning: array index may be outside bounds : [0..3]							
17832	5.1	External identifiers shall be distinct. External function 'SchM_Exit_Rm_RM_EXCLUSIVE_AREA_04' conflicts with the external identifier 'SchM_Exit_Rm_RM_EXCLUSIVE_AREA_00' (SchM_Rm.c line 431).	File Scope	583	5	No	Unset	Unreviewed	
41893	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Rm_RM_EXCLUSIVE_AREA_04()	587	38	No	Unset	Unreviewed	
41894	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Rm_RM_EXCLUSIVE_AREA_04()	587	38	No	Unset	Unreviewed	
552	10.1	Operands shall not be of an inappropriate essential type. The left operand of the && operator is of an inappropriate essential type category unsigned.	SchM_Exit_Rm_RM_EXCLUSIVE_AREA_04()	588	115	No	Unset	Unreviewed	
17917	5.1	External identifiers shall be distinct. External function 'SchM_Enter_Rm_RM_EXCLUSIVE_AREA_05' conflicts with the external identifier 'SchM_Enter_Rm_RM_EXCLUSIVE_AREA_00' (SchM_Rm.c line 407).	File Scope	597	5	No	Unset	Unreviewed	
41905	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Rm_RM_EXCLUSIVE_AREA_05()	602	48	No	Unset	Unreviewed	
41906	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Rm_RM_EXCLUSIVE_AREA_05()	602	48	No	Unset	Unreviewed	
558	14.4	The controlling expression of an if statement and the controlling expression of an iteration-statement shall have essentially Boolean type.	SchM_Enter_Rm_RM_EXCLUSIVE_AREA_05()	609	8	No	Unset	Unreviewed	
41913	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Rm_RM_EXCLUSIVE_AREA_05()	616	32	No	Unset	Unreviewed	
41914	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Rm_RM_EXCLUSIVE_AREA_05()	616	32	No	Unset	Unreviewed	
17831	5.1	External identifiers shall be distinct. External function 'SchM_Exit_Rm_RM_EXCLUSIVE_AREA_05' conflicts with the external identifier 'SchM_Exit_Rm_RM_EXCLUSIVE_AREA_00' (SchM_Rm.c line 431).	File Scope	621	5	No	Unset	Unreviewed	

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
41921	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Rm_RM_EXCLU SIVE_AREA_05()	625	38	No	Unset	Unreviewed	
41922	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Rm_RM_EXCLU SIVE_AREA_05()	625	38	No	Unset	Unreviewed	
565	10.1	Operands shall not be of an inappropriate essential type. The left operand of the && operator is of an inappropriate essential type category unsigned.	SchM_Exit_Rm_RM_EXCLU SIVE_AREA_05()	626	115	No	Unset	Unreviewed	
17845	5.1	External identifiers shall be distinct. External function 'SchM_Enter_Rm_RM_EXCLUSIVE_AREA _06' conflicts with the external identifier 'SchM_Enter_Rm _RM_EXCLUSIVE_AREA_00' (SchM_Rm.c line 407).	File Scope	635	5	No	Unset	Unreviewed	
41927	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Rm_RM_EXCL USIVE_AREA_06()	640	48	No	Unset	Unreviewed	
41928	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Rm_RM_EXCL USIVE_AREA_06()	640	48	No	Unset	Unreviewed	
560	14.4	The controlling expression of an if statement and the controlling expression of an iteration-statement shall have essentially Boolean type.	SchM_Enter_Rm_RM_EXCL USIVE_AREA_06()	647	8	No	Unset	Unreviewed	
41938	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Rm_RM_EXCL USIVE_AREA_06()	654	32	No	Unset	Unreviewed	
41939	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Rm_RM_EXCL USIVE_AREA_06()	654	32	No	Unset	Unreviewed	
17899	5.1	External identifiers shall be distinct. External function 'SchM_Exit_Rm_RM_EXCLUSIVE_AREA_ 06' conflicts with the external identifier 'SchM_Exit_Rm_R M_EXCLUSIVE_AREA_00' (SchM_Rm.c line 431).	File Scope	659	5	No	Unset	Unreviewed	
41946	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Rm_RM_EXCLU SIVE_AREA_06()	663	38	No	Unset	Unreviewed	
41947	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Rm_RM_EXCLU SIVE_AREA_06()	663	38	No	Unset	Unreviewed	

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
562	10.1	Operands shall not be of an inappropriate essential type. The left operand of the && operator is of an inappropriate essential type category unsigned.	SchM_Exit_Rm_RM_EXCLUSIVE_AREA_06()	664	115	No	Unset	Unreviewed	
18120	5.1	External identifiers shall be distinct. External function 'SchM_Enter_Rm_RM_EXCLUSIVE_AREA_07' conflicts with the external identifier 'SchM_Enter_Rm_RM_EXCLUSIVE_AREA_00' (SchM_Rm.c line 407).	File Scope	673	5	No	Unset	Unreviewed	
41956	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Rm_RM_EXCLUSIVE_AREA_07()	678	48	No	Unset	Unreviewed	
41957	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Rm_RM_EXCLUSIVE_AREA_07()	678	48	No	Unset	Unreviewed	
563	14.4	The controlling expression of an if statement and the controlling expression of an iteration-statement shall have essentially Boolean type.	SchM_Enter_Rm_RM_EXCLUSIVE_AREA_07()	685	8	No	Unset	Unreviewed	
41968	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Rm_RM_EXCLUSIVE_AREA_07()	692	32	No	Unset	Unreviewed	
41969	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Rm_RM_EXCLUSIVE_AREA_07()	692	32	No	Unset	Unreviewed	
17855	5.1	External identifiers shall be distinct. External function 'SchM_Exit_Rm_RM_EXCLUSIVE_AREA_07' conflicts with the external identifier 'SchM_Exit_Rm_RM_EXCLUSIVE_AREA_00' (SchM_Rm.c line 431).	File Scope	697	5	No	Unset	Unreviewed	
41982	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Rm_RM_EXCLUSIVE_AREA_07()	701	38	No	Unset	Unreviewed	
41983	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Rm_RM_EXCLUSIVE_AREA_07()	701	38	No	Unset	Unreviewed	
566	10.1	Operands shall not be of an inappropriate essential type. The left operand of the && operator is of an inappropriate essential type category unsigned.	SchM_Exit_Rm_RM_EXCLUSIVE_AREA_07()	702	115	No	Unset	Unreviewed	
17862	5.1	External identifiers shall be distinct. External function 'SchM_Enter_Rm_RM_EXCLUSIVE_AREA_08' conflicts with the external identifier 'SchM_Enter_Rm_RM_EXCLUSIVE_AREA_00' (SchM_Rm.c line 407).	File Scope	711	5	No	Unset	Unreviewed	

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
41990	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Rm_RM_EXCLUSIVE_AREA_08()	716	48	No	Unset	Unreviewed	
41991	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Rm_RM_EXCLUSIVE_AREA_08()	716	48	No	Unset	Unreviewed	
551	14.4	The controlling expression of an if statement and the controlling expression of an iteration-statement shall have essentially Boolean type.	SchM_Enter_Rm_RM_EXCLUSIVE_AREA_08()	723	8	No	Unset	Unreviewed	
41996	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Rm_RM_EXCLUSIVE_AREA_08()	730	32	No	Unset	Unreviewed	
41997	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Rm_RM_EXCLUSIVE_AREA_08()	730	32	No	Unset	Unreviewed	
17842	5.1	External identifiers shall be distinct. External function 'SchM_Exit_Rm_RM_EXCLUSIVE_AREA_08' conflicts with the external identifier 'SchM_Exit_Rm_RM_EXCLUSIVE_AREA_00' (SchM_Rm.c line 431).	File Scope	735	5	No	Unset	Unreviewed	
42002	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Rm_RM_EXCLUSIVE_AREA_08()	739	38	No	Unset	Unreviewed	
42003	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Rm_RM_EXCLUSIVE_AREA_08()	739	38	No	Unset	Unreviewed	
569	10.1	Operands shall not be of an inappropriate essential type. The left operand of the && operator is of an inappropriate essential type category unsigned.	SchM_Exit_Rm_RM_EXCLUSIVE_AREA_08()	740	115	No	Unset	Unreviewed	
18021	5.1	External identifiers shall be distinct. External function 'SchM_Enter_Rm_RM_EXCLUSIVE_AREA_09' conflicts with the external identifier 'SchM_Enter_Rm_RM_EXCLUSIVE_AREA_00' (SchM_Rm.c line 407).	File Scope	749	5	No	Unset	Unreviewed	
42012	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Rm_RM_EXCLUSIVE_AREA_09()	754	48	No	Unset	Unreviewed	
42013	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Rm_RM_EXCLUSIVE_AREA_09()	754	48	No	Unset	Unreviewed	

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
570	14.4	The controlling expression of an if statement and the controlling expression of an iteration-statement shall have essentially Boolean type.	SchM_Enter_Rm_RM_EXCLUSIVE_AREA_09()	761	8	No	Unset	Unreviewed	
42022	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Rm_RM_EXCLUSIVE_AREA_09()	768	32	No	Unset	Unreviewed	
42023	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Rm_RM_EXCLUSIVE_AREA_09()	768	32	No	Unset	Unreviewed	
17951	5.1	External identifiers shall be distinct. External function 'SchM_Exit_Rm_RM_EXCLUSIVE_AREA_09' conflicts with the external identifier 'SchM_Exit_Rm_RM_EXCLUSIVE_AREA_00' (SchM_Rm.c line 431).	File Scope	773	5	No	Unset	Unreviewed	
42028	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Rm_RM_EXCLUSIVE_AREA_09()	777	38	No	Unset	Unreviewed	
42029	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Rm_RM_EXCLUSIVE_AREA_09()	777	38	No	Unset	Unreviewed	
567	10.1	Operands shall not be of an inappropriate essential type. The left operand of the && operator is of an inappropriate essential type category unsigned.	SchM_Exit_Rm_RM_EXCLUSIVE_AREA_09()	778	115	No	Unset	Unreviewed	
18089	5.1	External identifiers shall be distinct. External function 'SchM_Enter_Rm_RM_EXCLUSIVE_AREA_10' conflicts with the external identifier 'SchM_Enter_Rm_RM_EXCLUSIVE_AREA_00' (SchM_Rm.c line 407).	File Scope	787	5	No	Unset	Unreviewed	
42042	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Rm_RM_EXCLUSIVE_AREA_10()	792	48	No	Unset	Unreviewed	
42043	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Rm_RM_EXCLUSIVE_AREA_10()	792	48	No	Unset	Unreviewed	
556	14.4	The controlling expression of an if statement and the controlling expression of an iteration-statement shall have essentially Boolean type.	SchM_Enter_Rm_RM_EXCLUSIVE_AREA_10()	799	8	No	Unset	Unreviewed	
42052	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Rm_RM_EXCLUSIVE_AREA_10()	806	32	No	Unset	Unreviewed	
42053	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer	SchM_Enter_Rm_RM_EXCLUSIVE_AREA_10()	806	32	No	Unset	Unreviewed	

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
		r operand. Warning: array index may be outside bounds : [0..3]							
17847	5.1	External identifiers shall be distinct. External function 'SchM_Exit_Rm_RM_EXCLUSIVE_AREA_10' conflicts with the external identifier 'SchM_Exit_Rm_RM_EXCLUSIVE_AREA_00' (SchM_Rm.c line 431).	File Scope	811	5	No	Unset	Unreviewed	
42058	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Rm_RM_EXCLUSIVE_AREA_10()	815	38	No	Unset	Unreviewed	
42059	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Rm_RM_EXCLUSIVE_AREA_10()	815	38	No	Unset	Unreviewed	
568	10.1	Operands shall not be of an inappropriate essential type. The left operand of the && operator is of an inappropriate essential type category unsigned.	SchM_Exit_Rm_RM_EXCLUSIVE_AREA_10()	816	115	No	Unset	Unreviewed	
17829	5.1	External identifiers shall be distinct. External function 'SchM_Enter_Rm_RM_EXCLUSIVE_AREA_11' conflicts with the external identifier 'SchM_Enter_Rm_RM_EXCLUSIVE_AREA_00' (SchM_Rm.c line 407).	File Scope	825	5	No	Unset	Unreviewed	
42064	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Rm_RM_EXCLUSIVE_AREA_11()	830	48	No	Unset	Unreviewed	
42065	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Rm_RM_EXCLUSIVE_AREA_11()	830	48	No	Unset	Unreviewed	
573	14.4	The controlling expression of an if statement and the controlling expression of an iteration-statement shall have essentially Boolean type.	SchM_Enter_Rm_RM_EXCLUSIVE_AREA_11()	837	8	No	Unset	Unreviewed	
42072	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Rm_RM_EXCLUSIVE_AREA_11()	844	32	No	Unset	Unreviewed	
42073	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Rm_RM_EXCLUSIVE_AREA_11()	844	32	No	Unset	Unreviewed	
18103	5.1	External identifiers shall be distinct. External function 'SchM_Exit_Rm_RM_EXCLUSIVE_AREA_11' conflicts with the external identifier 'SchM_Exit_Rm_RM_EXCLUSIVE_AREA_00' (SchM_Rm.c line 431).	File Scope	849	5	No	Unset	Unreviewed	

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
42084	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Rm_RM_EXCLUSIVE_AREA_11()	853	38	No	Unset	Unreviewed	
42085	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Rm_RM_EXCLUSIVE_AREA_11()	853	38	No	Unset	Unreviewed	
554	10.1	Operands shall not be of an inappropriate essential type. The left operand of the && operator is of an inappropriate essential type category unsigned.	SchM_Exit_Rm_RM_EXCLUSIVE_AREA_11()	854	115	No	Unset	Unreviewed	
18101	5.1	External identifiers shall be distinct. External function 'SchM_Enter_Rm_RM_EXCLUSIVE_AREA_12' conflicts with the external identifier 'SchM_Enter_Rm_RM_EXCLUSIVE_AREA_00' (SchM_Rm.c line 407).	File Scope	863	5	No	Unset	Unreviewed	
42094	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Rm_RM_EXCLUSIVE_AREA_12()	868	48	No	Unset	Unreviewed	
42095	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Rm_RM_EXCLUSIVE_AREA_12()	868	48	No	Unset	Unreviewed	
571	14.4	The controlling expression of an if statement and the controlling expression of an iteration-statement shall have essentially Boolean type.	SchM_Enter_Rm_RM_EXCLUSIVE_AREA_12()	875	8	No	Unset	Unreviewed	
42102	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Rm_RM_EXCLUSIVE_AREA_12()	882	32	No	Unset	Unreviewed	
42103	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Rm_RM_EXCLUSIVE_AREA_12()	882	32	No	Unset	Unreviewed	
17870	5.1	External identifiers shall be distinct. External function 'SchM_Exit_Rm_RM_EXCLUSIVE_AREA_12' conflicts with the external identifier 'SchM_Exit_Rm_RM_EXCLUSIVE_AREA_00' (SchM_Rm.c line 431).	File Scope	887	5	No	Unset	Unreviewed	
42110	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Rm_RM_EXCLUSIVE_AREA_12()	891	38	No	Unset	Unreviewed	
42111	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Rm_RM_EXCLUSIVE_AREA_12()	891	38	No	Unset	Unreviewed	

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
572	10.1	Operands shall not be of an inappropriate essential type. The left operand of the && operator is of an inappropriate essential type category unsigned.	SchM_Exit_Rm_RM_EXCLUSIVE_AREA_12()	892	115	No	Unset	Unreviewed	

Table 1.53. D:\Jessie\3_NXP\S32DS_S32K312EVBQ172\8_I2C_Master_DMA_FunctionTest_RTD3.0.0\S32K312_I2C_Master_MCAL\RTD\src\SchM_Uart.c

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
577	10.8	The value of a composite expression shall not be cast to a different essential type category or a wider essential type. The value of the composite expression of essential type category Boolean shall not be cast to the different essential type category unsigned.	File Scope	95	16	No	Unset	Unreviewed	
595	13.2	The value of an expression and its persistent side effects shall be the same under all permitted evaluation orders. The value of the expression depends on the order of evaluation because of multiple read accesses to objects of volatile-qualified type	File Scope	95	16	No	Unset	Unreviewed	
574	D4.3	Assembly language shall be encapsulated and isolated.	Uart_schm_read_msr()	326	8	No	Unset	Unreviewed	
591	9.1	The value of an object with automatic storage duration shall not be read before it has been set. Variable "reg_tmp" is used before its value is set	Uart_schm_read_msr()	329	19	No	Unset	Unreviewed	
579	14.4	The controlling expression of an if statement and the controlling expression of an iteration-statement shall have essentially Boolean type.	SchM_Enter_Uart_UART_EXCLUSIVE_AREA_00()	411	8	No	Unset	Unreviewed	
576	10.1	Operands shall not be of an inappropriate essential type. The left operand of the && operator is of an inappropriate essential type category unsigned.	SchM_Exit_Uart_UART_EXCLUSIVE_AREA_00()	428	117	No	Unset	Unreviewed	
17969	5.1	External identifiers shall be distinct. External function 'SchM_Enter_Uart_UART_EXCLUSIVE_AREA_01' conflicts with the external identifier 'SchM_Enter_Uart_UART_EXCLUSIVE_AREA_00' (SchM_Uart.c line 399).	File Scope	437	5	No	Unset	Unreviewed	
581	14.4	The controlling expression of an if statement and the controlling expression of an iteration-statement shall have essentially Boolean type.	SchM_Enter_Uart_UART_EXCLUSIVE_AREA_01()	449	8	No	Unset	Unreviewed	
17878	5.1	External identifiers shall be distinct. External function 'SchM_Exit_Uart_UART_EXCLUSIVE_AREA_01' conflicts with the external identifier 'SchM_Exit_Uart_UART_EXCLUSIVE_AREA_00' (SchM_Uart.c line 423).	File Scope	461	5	No	Unset	Unreviewed	

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
588	10.1	Operands shall not be of an inappropriate essential type. The left operand of the && operator is of an inappropriate essential type category unsigned.	SchM_Exit_Uart_UART_EXCLUSIVE_AREA_01()	466	117	No	Unset	Unreviewed	
17844	5.1	External identifiers shall be distinct. External function 'SchM_Enter_Uart_UART_EXCLUSIVE_AREA_02' conflicts with the external identifier 'SchM_Enter_Uart_UART_EXCLUSIVE_AREA_00' (SchM_Uart.c line 399).	File Scope	475	5	No	Unset	Unreviewed	
593	14.4	The controlling expression of an if statement and the controlling expression of an iteration-statement shall have essentially Boolean type.	SchM_Enter_Uart_UART_EXCLUSIVE_AREA_02()	487	8	No	Unset	Unreviewed	
18056	5.1	External identifiers shall be distinct. External function 'SchM_Exit_Uart_UART_EXCLUSIVE_AREA_02' conflicts with the external identifier 'SchM_Exit_Uart_UART_EXCLUSIVE_AREA_00' (SchM_Uart.c line 423).	File Scope	499	5	No	Unset	Unreviewed	
582	10.1	Operands shall not be of an inappropriate essential type. The left operand of the && operator is of an inappropriate essential type category unsigned.	SchM_Exit_Uart_UART_EXCLUSIVE_AREA_02()	504	117	No	Unset	Unreviewed	
17886	5.1	External identifiers shall be distinct. External function 'SchM_Enter_Uart_UART_EXCLUSIVE_AREA_03' conflicts with the external identifier 'SchM_Enter_Uart_UART_EXCLUSIVE_AREA_00' (SchM_Uart.c line 399).	File Scope	513	5	No	Unset	Unreviewed	
589	14.4	The controlling expression of an if statement and the controlling expression of an iteration-statement shall have essentially Boolean type.	SchM_Enter_Uart_UART_EXCLUSIVE_AREA_03()	525	8	No	Unset	Unreviewed	
17874	5.1	External identifiers shall be distinct. External function 'SchM_Exit_Uart_UART_EXCLUSIVE_AREA_03' conflicts with the external identifier 'SchM_Exit_Uart_UART_EXCLUSIVE_AREA_00' (SchM_Uart.c line 423).	File Scope	537	5	No	Unset	Unreviewed	
575	10.1	Operands shall not be of an inappropriate essential type. The left operand of the && operator is of an inappropriate essential type category unsigned.	SchM_Exit_Uart_UART_EXCLUSIVE_AREA_03()	542	117	No	Unset	Unreviewed	
17882	5.1	External identifiers shall be distinct. External function 'SchM_Enter_Uart_UART_EXCLUSIVE_AREA_04' conflicts with the external identifier 'SchM_Enter_Uart_UART_EXCLUSIVE_AREA_00' (SchM_Uart.c line 399).	File Scope	551	5	No	Unset	Unreviewed	
583	14.4	The controlling expression of an if statement and the controlling expression of an iteration-statement shall have essentially Boolean type.	SchM_Enter_Uart_UART_EXCLUSIVE_AREA_04()	563	8	No	Unset	Unreviewed	
17854	5.1	External identifiers shall be distinct. External function 'SchM_Exit_Uart_UART_EXCLUSIVE_ARE	File Scope	575	5	No	Unset	Unreviewed	

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
		A_04' conflicts with the external identifier 'SchM_Exit_Uart_UART_EXCLUSIVE_AREA_00' (SchM_Uart.c line 423).							
578	10.1	Operands shall not be of an inappropriate essential type. The left operand of the && operator is of an inappropriate essential type category unsigned.	SchM_Exit_Uart_UART_EXCLUSIVE_AREA_04()	580	117	No	Unset	Unreviewed	
17841	5.1	External identifiers shall be distinct. External function 'SchM_Enter_Uart_UART_EXCLUSIVE_AREA_05' conflicts with the external identifier 'SchM_Enter_Uart_UART_EXCLUSIVE_AREA_00' (SchM_Uart.c line 399).	File Scope	589	5	No	Unset	Unreviewed	
585	14.4	The controlling expression of an if statement and the controlling expression of an iteration-statement shall have essentially Boolean type.	SchM_Enter_Uart_UART_EXCLUSIVE_AREA_05()	601	8	No	Unset	Unreviewed	
18025	5.1	External identifiers shall be distinct. External function 'SchM_Exit_Uart_UART_EXCLUSIVE_AREA_05' conflicts with the external identifier 'SchM_Exit_Uart_UART_EXCLUSIVE_AREA_00' (SchM_Uart.c line 423).	File Scope	613	5	No	Unset	Unreviewed	
587	10.1	Operands shall not be of an inappropriate essential type. The left operand of the && operator is of an inappropriate essential type category unsigned.	SchM_Exit_Uart_UART_EXCLUSIVE_AREA_05()	618	117	No	Unset	Unreviewed	
17880	5.1	External identifiers shall be distinct. External function 'SchM_Enter_Uart_UART_EXCLUSIVE_AREA_06' conflicts with the external identifier 'SchM_Enter_Uart_UART_EXCLUSIVE_AREA_00' (SchM_Uart.c line 399).	File Scope	627	5	No	Unset	Unreviewed	
41923	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Uart_UART_EXCLUSIVE_AREA_06()	632	50	No	Unset	Unreviewed	
41924	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Uart_UART_EXCLUSIVE_AREA_06()	632	50	No	Unset	Unreviewed	
586	14.4	The controlling expression of an if statement and the controlling expression of an iteration-statement shall have essentially Boolean type.	SchM_Enter_Uart_UART_EXCLUSIVE_AREA_06()	639	8	No	Unset	Unreviewed	
41934	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Uart_UART_EXCLUSIVE_AREA_06()	646	34	No	Unset	Unreviewed	
41935	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Uart_UART_EXCLUSIVE_AREA_06()	646	34	No	Unset	Unreviewed	

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
17994	5.1	External identifiers shall be distinct. External function 'SchM_Exit_Uart_UART_EXCLUSIVE_AREA_06' conflicts with the external identifier 'SchM_Exit_Uart_UART_EXCLUSIVE_AREA_00' (SchM_Uart.c line 423).	File Scope	651	5	No	Unset	Unreviewed	
41940	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Uart_UART_EXCLUSIVE_AREA_06()	655	40	No	Unset	Unreviewed	
41941	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Uart_UART_EXCLUSIVE_AREA_06()	655	40	No	Unset	Unreviewed	
590	10.1	Operands shall not be of an inappropriate essential type. The left operand of the && operator is of an inappropriate essential type category unsigned.	SchM_Exit_Uart_UART_EXCLUSIVE_AREA_06()	656	117	No	Unset	Unreviewed	
17857	5.1	External identifiers shall be distinct. External function 'SchM_Enter_Uart_UART_EXCLUSIVE_AREA_07' conflicts with the external identifier 'SchM_Enter_Uart_UART_EXCLUSIVE_AREA_00' (SchM_Uart.c line 399).	File Scope	665	5	No	Unset	Unreviewed	
41952	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Uart_UART_EXCLUSIVE_AREA_07()	670	50	No	Unset	Unreviewed	
41953	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Uart_UART_EXCLUSIVE_AREA_07()	670	50	No	Unset	Unreviewed	
592	14.4	The controlling expression of an if statement and the controlling expression of an iteration-statement shall have essentially Boolean type.	SchM_Enter_Uart_UART_EXCLUSIVE_AREA_07()	677	8	No	Unset	Unreviewed	
41963	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Uart_UART_EXCLUSIVE_AREA_07()	684	34	No	Unset	Unreviewed	
41964	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Uart_UART_EXCLUSIVE_AREA_07()	684	34	No	Unset	Unreviewed	
17872	5.1	External identifiers shall be distinct. External function 'SchM_Exit_Uart_UART_EXCLUSIVE_AREA_07' conflicts with the external identifier 'SchM_Exit_Uart_UART_EXCLUSIVE_AREA_00' (SchM_Uart.c line 423).	File Scope	689	5	No	Unset	Unreviewed	
41972	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Uart_UART_EXCLUSIVE_AREA_07()	693	40	No	Unset	Unreviewed	

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
41973	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Uart_UART_EXCLUSIVE_AREA_07()	693	40	No	Unset	Unreviewed	
594	10.1	Operands shall not be of an inappropriate essential type. The left operand of the && operator is of an inappropriate essential type category unsigned.	SchM_Exit_Uart_UART_EXCLUSIVE_AREA_07()	694	117	No	Unset	Unreviewed	
17924	5.1	External identifiers shall be distinct. External function 'SchM_Enter_Uart_UART_EXCLUSIVE_AREA_08' conflicts with the external identifier 'SchM_Enter_Uart_UART_EXCLUSIVE_AREA_00' (SchM_Uart.c line 399).	File Scope	703	5	No	Unset	Unreviewed	
41984	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Uart_UART_EXCLUSIVE_AREA_08()	708	50	No	Unset	Unreviewed	
41985	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Uart_UART_EXCLUSIVE_AREA_08()	708	50	No	Unset	Unreviewed	
584	14.4	The controlling expression of an if statement and the controlling expression of an iteration-statement shall have essentially Boolean type.	SchM_Enter_Uart_UART_EXCLUSIVE_AREA_08()	715	8	No	Unset	Unreviewed	
41992	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Uart_UART_EXCLUSIVE_AREA_08()	722	34	No	Unset	Unreviewed	
41993	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Enter_Uart_UART_EXCLUSIVE_AREA_08()	722	34	No	Unset	Unreviewed	
18106	5.1	External identifiers shall be distinct. External function 'SchM_Exit_Uart_UART_EXCLUSIVE_AREA_08' conflicts with the external identifier 'SchM_Exit_Uart_UART_EXCLUSIVE_AREA_00' (SchM_Uart.c line 423).	File Scope	727	5	No	Unset	Unreviewed	
41998	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Uart_UART_EXCLUSIVE_AREA_08()	731	40	No	Unset	Unreviewed	
41999	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..3]	SchM_Exit_Uart_UART_EXCLUSIVE_AREA_08()	731	40	No	Unset	Unreviewed	
580	10.1	Operands shall not be of an inappropriate essential type. The left operand of the && operator is of an inappropriate essential type category unsigned.	SchM_Exit_Uart_UART_EXCLUSIVE_AREA_08()	732	117	No	Unset	Unreviewed	

Table 1.54.
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	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
543	1.1	The program shall contain no violations of the standard C syntax and constraints, and shall not exceed the implementation's translation limits. Too many macro definitions have been found in this translation unit: 5495. The limit is 4095.	File Scope	1	1	No	Unset	Unreviewed	
596	10.3	The value of an expression shall not be assigned to an object with a narrower essential type or of a different essential type category. The expression (of essential type unsigned on 32 bits) is assigned to an object with a narrower essential type (unsigned on 16 bits)	Siul2_Port_Ip_PinInit()	308	19	No	Unset	Unreviewed	
602	10.3	The value of an expression shall not be assigned to an object with a narrower essential type or of a different essential type category. The expression (of essential type unsigned on 32 bits) is assigned to an object with a narrower essential type (unsigned on 16 bits)	Siul2_Port_Ip_PinInit()	314	19	No	Unset	Unreviewed	
613	10.3	The value of an expression shall not be assigned to an object with a narrower essential type or of a different essential type category. The expression (of essential type unsigned on 32 bits) is assigned to an object with a narrower essential type (unsigned on 16 bits)	Siul2_Port_Ip_PinInit()	322	19	No	Unset	Unreviewed	
598	10.3	The value of an expression shall not be assigned to an object with a narrower essential type or of a different essential type category. The expression (of essential type unsigned on 32 bits) is assigned to an object with a narrower essential type (unsigned on 16 bits)	Siul2_Port_Ip_PinInit()	360	19	No	Unset	Unreviewed	
599	10.3	The value of an expression shall not be assigned to an object with a narrower essential type or of a different essential type category. The expression (of essential type unsigned on 32 bits) is assigned to an object with a narrower essential type (unsigned on 16 bits)	Siul2_Port_Ip_GetMSCRConfiguration()	520	23	No	Unset	Unreviewed	
601	10.3	The value of an expression shall not be assigned to an object with a narrower essential type or of a different essential type category.	Siul2_Port_Ip_GetMSCRConfiguration()	522	24	No	Unset	Unreviewed	

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
		The expression (of essential type unsigned on 32 bits) is assigned to an object with a narrower essential type (unsigned on 16 bits)							
600	10.3	The value of an expression shall not be assigned to an object with a narrower essential type or of a different essential type category. The expression (of essential type unsigned on 32 bits) is assigned to an object with a narrower essential type (unsigned on 16 bits)	Siul2_Port_Ip_GetMSCRConfiguration()	570	15	No	Unset	Unreviewed	
597	10.3	The value of an expression shall not be assigned to an object with a narrower essential type or of a different essential type category. The expression (of essential type unsigned on 32 bits) is assigned to an object with a narrower essential type (unsigned on 16 bits)	Siul2_Port_Ip_GetMSCRConfiguration()	576	15	No	Unset	Unreviewed	
607	10.3	The value of an expression shall not be assigned to an object with a narrower essential type or of a different essential type category. The expression (of essential type unsigned on 32 bits) is assigned to an object with a narrower essential type (unsigned on 16 bits)	Siul2_Port_Ip_GetMSCRConfiguration()	580	15	No	Unset	Unreviewed	
612	10.3	The value of an expression shall not be assigned to an object with a narrower essential type or of a different essential type category. The expression (of essential type unsigned on 32 bits) is assigned to an object with a narrower essential type (unsigned on 16 bits)	Siul2_Port_Ip_GetMSCRConfiguration()	582	15	No	Unset	Unreviewed	
41970	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..15]	Siul2_Port_Ip_SetPullSel()	693	22	No	Unset	Unreviewed	
41971	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..15]	Siul2_Port_Ip_SetPullSel()	693	22	No	Unset	Unreviewed	
41974	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..15]	Siul2_Port_Ip_SetPullSel()	699	31	No	Unset	Unreviewed	
41975	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..15]	Siul2_Port_Ip_SetPullSel()	699	31	No	Unset	Unreviewed	
41986	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..15]	Siul2_Port_Ip_SetPullSel()	709	31	No	Unset	Unreviewed	

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
41987	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..15]	Siul2_Port_Ip_SetPullSel()	709	31	No	Unset	Unreviewed	
42008	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..15]	Siul2_Port_Ip_SetOutputBuffer()	747	14	No	Unset	Unreviewed	
42009	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..15]	Siul2_Port_Ip_SetOutputBuffer()	747	14	No	Unset	Unreviewed	
604	10.3	The value of an expression shall not be assigned to an object with a narrower essential type or of a different essential type category. The expression (of essential type unsigned on 32 bits) is assigned to an object with a narrower essential type (unsigned on 16 bits)	Siul2_Port_Ip_SetOutputBuffer()	747	20	No	Unset	Unreviewed	
605	10.3	The value of an expression shall not be assigned to an object with a narrower essential type or of a different essential type category. The expression (of essential type unsigned on 32 bits) is assigned to an object with a narrower essential type (unsigned on 16 bits)	Siul2_Port_Ip_SetOutputBuffer()	749	20	No	Unset	Unreviewed	
31541	D4.1	Run-time failures shall be minimized. Error: scalar shift amount is outside its bounds[0..15]	Siul2_Port_Ip_SetOutputBuffer()	749	69	No	Unset	Unreviewed	
42038	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..15]	Siul2_Port_Ip_SetInputBuffer()	785	18	No	Unset	Unreviewed	
42039	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..15]	Siul2_Port_Ip_SetInputBuffer()	785	18	No	Unset	Unreviewed	
616	10.3	The value of an expression shall not be assigned to an object with a narrower essential type or of a different essential type category. The expression (of essential type unsigned on 32 bits) is assigned to an object with a narrower essential type (unsigned on 16 bits)	Siul2_Port_Ip_SetInputBuffer()	785	24	No	Unset	Unreviewed	
603	10.3	The value of an expression shall not be assigned to an object with a narrower essential type or of a different essential type category. The expression (of essential type unsigned on 32 bits) is as	Siul2_Port_Ip_SetInputBuffer()	786	24	No	Unset	Unreviewed	

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
		signed to an object with a narrower essential type (unsigned on 16 bits)							
31542	D4.1	Run-time failures shall be minimized. Error: scalar shift amount is outside its bounds[0..15]	Siul2_Port_Ip_SetInputBuffer()	786	73	No	Unset	Unreviewed	
42070	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..15]	Siul2_Port_Ip_SetPinDirection()	842	18	No	Unset	Unreviewed	
42071	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..15]	Siul2_Port_Ip_SetPinDirection()	842	18	No	Unset	Unreviewed	
608	10.3	The value of an expression shall not be assigned to an object with a narrower essential type or of a different essential type category. The expression (of essential type unsigned on 32 bits) is as signed to an object with a narrower essential type (unsigned on 16 bits)	Siul2_Port_Ip_SetPinDirection()	842	24	No	Unset	Unreviewed	
611	10.3	The value of an expression shall not be assigned to an object with a narrower essential type or of a different essential type category. The expression (of essential type unsigned on 32 bits) is as signed to an object with a narrower essential type (unsigned on 16 bits)	Siul2_Port_Ip_SetPinDirection()	843	24	No	Unset	Unreviewed	
31543	D4.1	Run-time failures shall be minimized. Error: scalar shift amount is outside its bounds[0..15]	Siul2_Port_Ip_SetPinDirection()	843	58	No	Unset	Unreviewed	
42076	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..15]	Siul2_Port_Ip_SetPinDirection()	847	18	No	Unset	Unreviewed	
42077	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..15]	Siul2_Port_Ip_SetPinDirection()	847	18	No	Unset	Unreviewed	
609	10.3	The value of an expression shall not be assigned to an object with a narrower essential type or of a different essential type category. The expression (of essential type unsigned on 32 bits) is as signed to an object with a narrower essential type (unsigned on 16 bits)	Siul2_Port_Ip_SetPinDirection()	847	24	No	Unset	Unreviewed	
615	10.3	The value of an expression shall not be assigned to an object with a narrower essential type or of a different essential type category. The expression (of essential type unsigned on 32 bits) is as	Siul2_Port_Ip_SetPinDirection()	848	24	No	Unset	Unreviewed	

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
		signed to an object with a narrower essential type (unsigned on 16 bits)							
31544	D4.1	Run-time failures shall be minimized. Error: scalar shift amount is outside its bounds[0..15]	Siul2_Port_Ip_SetPinDirection()	848	58	No	Unset	Unreviewed	
42080	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..15]	Siul2_Port_Ip_SetPinDirection()	852	18	No	Unset	Unreviewed	
42081	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..15]	Siul2_Port_Ip_SetPinDirection()	852	18	No	Unset	Unreviewed	
614	10.3	The value of an expression shall not be assigned to an object with a narrower essential type or of a different essential type category. The expression (of essential type unsigned on 32 bits) is assigned to an object with a narrower essential type (unsigned on 16 bits)	Siul2_Port_Ip_SetPinDirection()	852	24	No	Unset	Unreviewed	
42086	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..15]	Siul2_Port_Ip_SetPinDirection()	856	18	No	Unset	Unreviewed	
42087	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..15]	Siul2_Port_Ip_SetPinDirection()	856	18	No	Unset	Unreviewed	
610	10.3	The value of an expression shall not be assigned to an object with a narrower essential type or of a different essential type category. The expression (of essential type unsigned on 32 bits) is assigned to an object with a narrower essential type (unsigned on 16 bits)	Siul2_Port_Ip_SetPinDirection()	856	24	No	Unset	Unreviewed	
606	10.3	The value of an expression shall not be assigned to an object with a narrower essential type or of a different essential type category. The expression (of essential type unsigned on 32 bits) is assigned to an object with a narrower essential type (unsigned on 16 bits)	Siul2_Port_Ip_RevertPinConfiguration()	878	23	No	Unset	Unreviewed	
617	10.3	The value of an expression shall not be assigned to an object with a narrower essential type or of a different essential type category. The expression (of essential type unsigned on 32 bits) is assigned to an object with a narrower essential type (unsigned on 16 bits)	Siul2_Port_Ip_GetPinConfiguration()	958	15	No	Unset	Unreviewed	

**Table 1.55.
D:\Jessie\3_NXP\S32DS_S32K312EVBQ172\8_I2C_Master_DMA_FunctionTest_RTD3.0.0\S32K312_I2C_Master_MCAL\RTD\src\Tspc_Port_Ip.c**

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
621	1.1	The program shall contain no violations of the standard C syntax and constraints, and shall not exceed the implementation's translation limits. Too many macro definitions have been found in this translation unit: 5632. The limit is 4095.	File Scope	1	1	No	Unset	Unreviewed	
41557	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..1]	Tspc_Port_Ip_ConfigureObeGroup()	192	35	No	Unset	Unreviewed	
41558	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..1]	Tspc_Port_Ip_ConfigureObeGroup()	192	35	No	Unset	Unreviewed	
41559	D4.1	Run-time failures shall be minimized. Warning: scalar shift amount may be outside its bounds[0..15]	Tspc_Port_Ip_ConfigureObeGroup()	192	100	No	Unset	Unreviewed	
41562	D4.1	Run-time failures shall be minimized. Warning: array index may be outside bounds : [0..1]	Tspc_Port_Ip_ConfigureObeGroup()	196	35	No	Unset	Unreviewed	
41563	18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand. Warning: array index may be outside bounds : [0..1]	Tspc_Port_Ip_ConfigureObeGroup()	196	35	No	Unset	Unreviewed	
41572	D4.1	Run-time failures shall be minimized. Warning: scalar shift amount may be outside its bounds[0..15]	Tspc_Port_Ip_ConfigureObeGroup()	196	100	No	Unset	Unreviewed	

Table 1.56. D:\Jessie\3_NXP\S32DS_S32K312EVBQ172\8_I2C_Master_DMA_FunctionTest_RTD3.0.0\S32K312_I2C_Master_MCAL\RTD\src\Uart_Ipw.c

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
630	8.4	A compatible declaration shall be visible when an object or function with external linkage is defined. Global definition of 'Uart_Ipw_apChnConfig' variable has no previous declaration.	File Scope	164	29	No	Unset	Unreviewed	

Table 1.57.
D:\Jessie\3_NXP\S32DS_S32K312EVBQ172\8_I2C_Master_DMA_FunctionTest_RTD3.0.0\S32K312_I2C_Master_MCAL\board\Siul2_Port_Ip_Cfg.c

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
618	1.1	The program shall contain no violations of the standard C syntax and constraints, and shall not exceed the implementation's translation limits. Too many macro definitions have been found in this translation unit: 5164. The limit is 4095.	File Scope	1	1	No	Unset	Unreviewed	

Table 1.58.
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	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
5	11.3	A cast shall not be performed between a pointer to object type and a pointer to a different object type.	File Scope	168	5	No	Unset	Unreviewed	
6	11.2	Conversions shall not be performed between a pointer to an incomplete type and any other type.	File Scope	168	5	No	Unset	Unreviewed	
4	8.4	A compatible declaration shall be visible when an object or function with external linkage is defined. Global definition of 'I2c_PBCfgVariantPredefined' variable has no previous declaration.	File Scope	177	29	No	Unset	Unreviewed	

Table 1.59.
D:\Jessie\3_NXP\S32DS_S32K312EVBQ172\8_I2C_Master_DMA_FunctionTest_RTD3.0.0\S32K312_I2C_Master_MCAL\generate\src\CDD_Mcl_Cfg.c

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
3	1.1	The program shall contain no violations of the standard C syntax and constraints, and shall not exceed the implementation's translation limits. Too many macro definitions have been found in this translation unit: 6001. The limit is 4095.	File Scope	1	1	No	Unset	Unreviewed	

Table 1.60.
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	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
13	1.1	The program shall contain no violations of the standard C syntax and constraints, and shall not exceed the implementation's translation limits. Too many macro definitions have been found in this translation unit: 6005. The limit is 4095.	File Scope	1	1	No	Unset	Unreviewed	

Table 1.61.
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	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
16	8.4	A compatible declaration shall be visible when an object or function with external linkage is defined. Global definition of 'Rm_Config' variable has no previous declaration.	File Scope	100	20	No	Unset	Unreviewed	

Table 1.62.
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	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
14	8.4	A compatible declaration shall be visible when an object or function with external linkage is defined. Global definition of 'Uart_ChannelConfig_0' variable has no previous declaration.	File Scope	165	29	No	Unset	Unreviewed	
15	8.4	A compatible declaration shall be visible when an object or function with external linkage is defined. Global definition of 'Uart_pxPBcfgVariantPredefined' variable has no previous declaration.	File Scope	193	29	No	Unset	Unreviewed	

Table 1.63.
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	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
66	10.3	The value of an expression shall not be assigned to an object with a narrower essential type or of a different essenti	File Scope	208	8	No	Unset	Unreviewed	

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
		al type category. The expression (of essential type unsigned on 32 bits) is assigned to an object with a narrower essential type (unsigned on 16 bits)							
48	10.3	The value of an expression shall not be assigned to an object with a narrower essential type or of a different essential type category. The expression (of essential type unsigned on 32 bits) is assigned to an object with a narrower essential type (unsigned on 16 bits)	File Scope	921	8	No	Unset	Unreviewed	
47	10.3	The value of an expression shall not be assigned to an object with a narrower essential type or of a different essential type category. The expression (of essential type unsigned on 32 bits) is assigned to an object with a narrower essential type (unsigned on 16 bits)	File Scope	938	8	No	Unset	Unreviewed	
70	10.3	The value of an expression shall not be assigned to an object with a narrower essential type or of a different essential type category. The expression (of essential type unsigned on 32 bits) is assigned to an object with a narrower essential type (unsigned on 16 bits)	File Scope	955	8	No	Unset	Unreviewed	
52	10.3	The value of an expression shall not be assigned to an object with a narrower essential type or of a different essential type category. The expression (of essential type unsigned on 32 bits) is assigned to an object with a narrower essential type (unsigned on 16 bits)	File Scope	972	8	No	Unset	Unreviewed	
68	10.3	The value of an expression shall not be assigned to an object with a narrower essential type or of a different essential type category. The expression (of essential type unsigned on 32 bits) is assigned to an object with a narrower essential type (unsigned on 16 bits)	File Scope	991	8	No	Unset	Unreviewed	
53	10.3	The value of an expression shall not be assigned to an object with a narrower essential type or of a different essential type category. The expression (of essential type unsigned on 32 bits) is assigned to an object with a narrower essential type (unsigned on 16 bits)	File Scope	997	8	No	Unset	Unreviewed	
59	10.3	The value of an expression shall not be assigned to an object with a narrower essential type or of a different essenti	File Scope	1003	8	No	Unset	Unreviewed	

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
		al type category. The expression (of essential type unsigned on 32 bits) is assigned to an object with a narrower essential type (unsigned on 16 bits)							
56	10.3	The value of an expression shall not be assigned to an object with a narrower essential type or of a different essential type category. The expression (of essential type unsigned on 32 bits) is assigned to an object with a narrower essential type (unsigned on 16 bits)	File Scope	1009	8	No	Unset	Unreviewed	
69	10.3	The value of an expression shall not be assigned to an object with a narrower essential type or of a different essential type category. The expression (of essential type unsigned on 32 bits) is assigned to an object with a narrower essential type (unsigned on 16 bits)	File Scope	1015	8	No	Unset	Unreviewed	
51	11.3	A cast shall not be performed between a pointer to object type and a pointer to a different object type.	File Scope	1045	10	No	Unset	Unreviewed	
64	11.2	Conversions shall not be performed between a pointer to an incomplete type and any other type.	File Scope	1045	10	No	Unset	Unreviewed	
50	11.2	Conversions shall not be performed between a pointer to an incomplete type and any other type.	File Scope	1046	10	No	Unset	Unreviewed	
54	11.3	A cast shall not be performed between a pointer to object type and a pointer to a different object type.	File Scope	1046	10	No	Unset	Unreviewed	
44	11.2	Conversions shall not be performed between a pointer to an incomplete type and any other type.	File Scope	1047	10	No	Unset	Unreviewed	
63	11.3	A cast shall not be performed between a pointer to object type and a pointer to a different object type.	File Scope	1047	10	No	Unset	Unreviewed	
55	11.3	A cast shall not be performed between a pointer to object type and a pointer to a different object type.	File Scope	1048	10	No	Unset	Unreviewed	
61	11.2	Conversions shall not be performed between a pointer to an incomplete type and any other type.	File Scope	1048	10	No	Unset	Unreviewed	
57	11.2	Conversions shall not be performed between a pointer to an incomplete type and any other type.	File Scope	1049	10	No	Unset	Unreviewed	
60	11.3	A cast shall not be performed between a pointer to object type and a pointer to a different object type.	File Scope	1049	10	No	Unset	Unreviewed	
49	11.3	A cast shall not be performed between a pointer to object type and a pointer to a different object type.	File Scope	1050	10	No	Unset	Unreviewed	

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
65	11.2	Conversions shall not be performed between a pointer to an incomplete type and any other type.	File Scope	1050	10	No	Unset	Unreviewed	
45	11.3	A cast shall not be performed between a pointer to object type and a pointer to a different object type.	File Scope	1053	10	No	Unset	Unreviewed	
46	11.2	Conversions shall not be performed between a pointer to an incomplete type and any other type.	File Scope	1053	10	No	Unset	Unreviewed	
58	11.3	A cast shall not be performed between a pointer to object type and a pointer to a different object type.	File Scope	1055	10	No	Unset	Unreviewed	
62	11.2	Conversions shall not be performed between a pointer to an incomplete type and any other type.	File Scope	1055	10	No	Unset	Unreviewed	
67	11.2	Conversions shall not be performed between a pointer to an incomplete type and any other type.	File Scope	1056	10	No	Unset	Unreviewed	
71	11.3	A cast shall not be performed between a pointer to object type and a pointer to a different object type.	File Scope	1056	10	No	Unset	Unreviewed	

Table 1.64.
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	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
130	1.1	The program shall contain no violations of the standard C syntax and constraints, and shall not exceed the implementation's translation limits. Too many macro definitions have been found in this translation unit: 4175. The limit is 4095.	File Scope	1	1	No	Unset	Unreviewed	
132	8.4	A compatible declaration shall be visible when an object or function with external linkage is defined. Global definition of 'GlobalResetConfig' variable has no previous declaration.	File Scope	140	30	No	Unset	Unreviewed	
133	8.4	A compatible declaration shall be visible when an object or function with external linkage is defined. Global definition of 'TransferResetConfig' variable has no previous declaration.	File Scope	163	32	No	Unset	Unreviewed	

Table 1.65.
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	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
137	1.1	The program shall contain no violations of the standard C syntax and constraints, and shall not exceed the implementation's translation limits. Too many macro definitions have been found in this translation unit: 4176. The limit is 4095.	File Scope	1	1	No	Unset	Unreviewed	
139	8.4	A compatible declaration shall be visible when an object or function with external linkage is defined. Global definition of 'LogicInstance0ConfigPB_BOARD_INITPERIPHERALS' variable has no previous declaration.	File Scope	117	37	No	Unset	Unreviewed	
141	8.4	A compatible declaration shall be visible when an object or function with external linkage is defined. Global definition of 'Dma_Ip_paxLogicInstanceConfigArrayPB_BOARD_INITPERIPHERALS' variable has no previous declaration.	File Scope	132	45	No	Unset	Unreviewed	
144	8.4	A compatible declaration shall be visible when an object or function with external linkage is defined. Global definition of 'LogicChannel0GlobalConfigPB_BOARD_INITPERIPHERALS' variable has no previous declaration.	File Scope	149	30	No	Unset	Unreviewed	
140	8.4	A compatible declaration shall be visible when an object or function with external linkage is defined. Global definition of 'LogicChannel1GlobalConfigPB_BOARD_INITPERIPHERALS' variable has no previous declaration.	File Scope	171	30	No	Unset	Unreviewed	
146	8.5	An external object or function shall be declared once in one and only one file. Function 'Lpi2c_Ip_DmaCompleteNotification0' that has external linkage should be declared in a header file.	File Scope	219	12	No	Unset	Unreviewed	
142	8.4	A compatible declaration shall be visible when an object or function with external linkage is defined. Global definition of 'LogicChannel0ConfigPB_BOARD_INITPERIPHERALS' variable has no previous declaration.	File Scope	221	36	No	Unset	Unreviewed	
143	8.5	An external object or function shall be declared once in one and only one file. Function 'Lpi2c_Ip_DmaCompleteNotification0' that has external linkage should be declared in a header file.	File Scope	236	12	No	Unset	Unreviewed	

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
17821	8.5	An external object or function shall be declared once in one and only one file. Function 'Lpi2c_Ip_DmaCompleteNotification0' has external declarations in multiple files	File Scope	236	12	No	Unset	Unreviewed	
145	8.4	A compatible declaration shall be visible when an object or function with external linkage is defined. Global definition of 'LogicChannel1ConfigPB_BOARD_INITPERIPHERALS' variable has no previous declaration.	File Scope	238	36	No	Unset	Unreviewed	
147	8.4	A compatible declaration shall be visible when an object or function with external linkage is defined. Global definition of 'Dma_Ip_paxLogicChannelConfigArrayPB_BOARD_INITPERIPHERALS' variable has no previous declaration.	File Scope	253	44	No	Unset	Unreviewed	
149	8.4	A compatible declaration shall be visible when an object or function with external linkage is defined. Global definition of 'HwChannel0StatePB_BOARD_INITPERIPHERALS' variable has no previous declaration.	File Scope	268	26	No	Unset	Unreviewed	
150	8.4	A compatible declaration shall be visible when an object or function with external linkage is defined. Global definition of 'HwChannel1StatePB_BOARD_INITPERIPHERALS' variable has no previous declaration.	File Scope	271	26	No	Unset	Unreviewed	
148	8.4	A compatible declaration shall be visible when an object or function with external linkage is defined. Global definition of 'Dma_Ip_paxHwChannelStateArrayPB_BOARD_INITPERIPHERALS' variable has no previous declaration.	File Scope	282	28	No	Unset	Unreviewed	

Table 1.66.
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	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
151	8.4	A compatible declaration shall be visible when an object or function with external linkage is defined. Global definition of 'Dma_Mux_Config' variable has no previous declaration.	File Scope	114	28	No	Unset	Unreviewed	

Table 1.67.
**D:\Jessie\3_NXP\S32DS_S32K312EVBQ172\8_I2C_Master_DMA_FunctionTest_RTD3.0.0\S32K312_I2C_Master_MCAL\generate\src\Flexio_I2c_Ip_PBcfg.
c**

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
167	1.1	The program shall contain no violations of the standard C syntax and constraints, and shall not exceed the implementation's translation limits. Too many macro definitions have been found in this translation unit: 4524. The limit is 4095.	File Scope	1	1	No	Unset	Unreviewed	

Table 1.68.
**D:\Jessie\3_NXP\S32DS_S32K312EVBQ172\8_I2C_Master_DMA_FunctionTest_RTD3.0.0\S32K312_I2C_Master_MCAL\generate\src\Flexio_Uart_Ip_PBcf
g.c**

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
178	8.5	An external object or function shall be declared once in one and only one file. Variable 'Flexio_Uart_Ip_apStateStructure' that has external linkage should be declared in a header file.	File Scope	114	41	No	Unset	Unreviewed	

Table 1.69.
D:\Jessie\3_NXP\S32DS_S32K312EVBQ172\8_I2C_Master_DMA_FunctionTest_RTD3.0.0\S32K312_I2C_Master_MCAL\generate\src\Gpt_PBcfg.c

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
179	8.5	An external object or function shall be declared once in one and only one file. Function 'Gpt_PitNotification' that has external linkage should be declared in a header file.	File Scope	116	12	No	Unset	Unreviewed	
180	11.2	Conversions shall not be performed between a pointer to an incomplete type and any other type.	File Scope	166	5	No	Unset	Unreviewed	
182	11.3	A cast shall not be performed between a pointer to object type and a pointer to a different object type.	File Scope	166	5	No	Unset	Unreviewed	
181	11.2	Conversions shall not be performed between a pointer to an incomplete type and any other type.	File Scope	170	5	No	Unset	Unreviewed	
183	11.3	A cast shall not be performed between a pointer to object type and a pointer to a different object type.	File Scope	170	5	No	Unset	Unreviewed	

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
184	11.3	A cast shall not be performed between a pointer to object type and a pointer to a different object type.	File Scope	176	5	No	Unset	Unreviewed	
185	11.2	Conversions shall not be performed between a pointer to an incomplete type and any other type.	File Scope	176	5	No	Unset	Unreviewed	

Table 1.70.
D:\Jessie\3_NXP\S32DS_S32K312EVBQ172\8_I2C_Master_DMA_FunctionTest_RTD3.0.0\S32K312_I2C_Master_MCAL\generate\src\Igf_Port_Ip_Cfg.c

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
186	1.1	The program shall contain no violations of the standard C syntax and constraints, and shall not exceed the implementation's translation limits. Too many macro definitions have been found in this translation unit: 5402. The limit is 4095.	File Scope	1	1	No	Unset	Unreviewed	

Table 1.71.
D:\Jessie\3_NXP\S32DS_S32K312EVBQ172\8_I2C_Master_DMA_FunctionTest_RTD3.0.0\S32K312_I2C_Master_MCAL\generate\src\Igf_Port_Ip_PBcfg.c

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
188	1.1	The program shall contain no violations of the standard C syntax and constraints, and shall not exceed the implementation's translation limits. Too many macro definitions have been found in this translation unit: 5402. The limit is 4095.	File Scope	1	1	No	Unset	Unreviewed	

Table 1.72.
D:\Jessie\3_NXP\S32DS_S32K312EVBQ172\8_I2C_Master_DMA_FunctionTest_RTD3.0.0\S32K312_I2C_Master_MCAL\generate\src\IntCtrl_Ip_Cfg.c

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
189	D2.1	All source files shall compile without any compilation errors. Identifier "DMATCD0_IRQn" is undefined	File Scope	73	5	No	Unset	Unreviewed	
190	D2.1	All source files shall compile without any compilation errors. Identifier "DMATCD1_IRQn" is undefined	File Scope	74	5	No	Unset	Unreviewed	

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
191	D2.1	All source files shall compile without any compilation errors. Identifier "LPUART6_IRQn" is undefined	File Scope	75	5	No	Unset	Unreviewed	
192	D2.1	All source files shall compile without any compilation errors. Identifier "PIT0_IRQn" is undefined	File Scope	76	5	No	Unset	Unreviewed	
193	D2.1	All source files shall compile without any compilation errors. Expression must have a constant value	File Scope	80	4	No	Unset	Unreviewed	

Table 1.73.
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	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
202	1.1	The program shall contain no violations of the standard C syntax and constraints, and shall not exceed the implementation's translation limits. Too many macro definitions have been found in this translation unit: 4756. The limit is 4095.	File Scope	1	1	No	Unset	Unreviewed	

Table 1.74.
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	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
215	8.5	An external object or function shall be declared once in one and only one file. Variable 'Lpuart_Uart_Ip_apStateStructure' that has external linkage should be declared in a header file.	File Scope	130	41	No	Unset	Unreviewed	
217	8.4	A compatible declaration shall be visible when an object or function with external linkage is defined. Global definition of 'Lpuart_Uart_Ip_xHwConfigPB_0' variable has no previous declaration.	File Scope	145	36	No	Unset	Unreviewed	
216	10.3	The value of an expression shall not be assigned to an object with a narrower essential type or of a different essential type category. The expression (of essential type category signed) is assig	File Scope	148	4	No	Unset	Unreviewed	

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
		ned to an object with a different essential type category (unsigned)							

Table 1.75.
D:\Jessie\3_NXP\S32DS_S32K312EVBQ172\8_I2C_Master_DMA_FunctionTest_RTD3.0.0\S32K312_I2C_Master_MCAL\generate\src\Mcu_Cfg.c

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
218	1.1	The program shall contain no violations of the standard C syntax and constraints, and shall not exceed the implementation's translation limits. Too many macro definitions have been found in this translation unit: 5871. The limit is 4095.	File Scope	1	1	No	Unset	Unreviewed	

Table 1.76.
D:\Jessie\3_NXP\S32DS_S32K312EVBQ172\8_I2C_Master_DMA_FunctionTest_RTD3.0.0\S32K312_I2C_Master_MCAL\generate\src\Mcu_PBcfg.c

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
222	1.1	The program shall contain no violations of the standard C syntax and constraints, and shall not exceed the implementation's translation limits. Too many macro definitions have been found in this translation unit: 5871. The limit is 4095.	File Scope	1	1	No	Unset	Unreviewed	
223	11.3	A cast shall not be performed between a pointer to object type and a pointer to a different object type.	File Scope	157	5	No	Unset	Unreviewed	
224	11.2	Conversions shall not be performed between a pointer to an incomplete type and any other type.	File Scope	157	5	No	Unset	Unreviewed	
225	11.3	A cast shall not be performed between a pointer to object type and a pointer to a different object type.	File Scope	161	5	No	Unset	Unreviewed	
226	11.2	Conversions shall not be performed between a pointer to an incomplete type and any other type.	File Scope	161	5	No	Unset	Unreviewed	

Table 1.77.
D:\Jessie\3_NXP\S32DS_S32K312EVBQ172\8_I2C_Master_DMA_FunctionTest_RTD3.0.0\S32K312_I2C_Master_MCAL\generate\src\Port_Cfg.c

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
237	1.1	The program shall contain no violations of the standard C syntax and constraints, and shall not exceed the impleme	File Scope	1	1	No	Unset	Unreviewed	

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
		ntation's translation limits. Too many macro definitions have been found in this translation unit: 7671. The limit is 4095.							

Table 1.78.
D:\Jessie\3_NXP\S32DS_S32K312EVBQ172\8_I2C_Master_DMA_FunctionTest_RTD3.0.0\S32K312_I2C_Master_MCAL\generate\src\Port_PBcfg.c

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
242	1.1	The program shall contain no violations of the standard C syntax and constraints, and shall not exceed the implementation's translation limits. Too many macro definitions have been found in this translation unit: 7671. The limit is 4095.	File Scope	1	1	No	Unset	Unreviewed	
243	8.4	A compatible declaration shall be visible when an object or function with external linkage is defined. Global definition of 'au8Port_PartitionList' variable has no previous declaration.	File Scope	93	12	No	Unset	Unreviewed	
244	10.3	The value of an expression shall not be assigned to an object with a narrower essential type or of a different essential type category. The expression (of essential type category signed) is assigned to an object with a different essential type category (unsigned)	File Scope	294	129	No	Unset	Unreviewed	
245	10.3	The value of an expression shall not be assigned to an object with a narrower essential type or of a different essential type category. The expression (of essential type category signed) is assigned to an object with a different essential type category (unsigned)	File Scope	296	129	No	Unset	Unreviewed	

Table 1.79.
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	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
247	11.3	A cast shall not be performed between a pointer to object type and a pointer to a different object type.	File Scope	291	9	No	Unset	Unreviewed	
249	11.2	Conversions shall not be performed between a pointer to an incomplete type and any other type.	File Scope	291	9	No	Unset	Unreviewed	

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
250	11.3	A cast shall not be performed between a pointer to object type and a pointer to a different object type.	File Scope	296	9	No	Unset	Unreviewed	
251	11.2	Conversions shall not be performed between a pointer to an incomplete type and any other type.	File Scope	296	9	No	Unset	Unreviewed	
248	11.3	A cast shall not be performed between a pointer to object type and a pointer to a different object type.	File Scope	321	9	No	Unset	Unreviewed	
252	11.2	Conversions shall not be performed between a pointer to an incomplete type and any other type.	File Scope	321	9	No	Unset	Unreviewed	

Table 1.80. 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	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
619	1.1	The program shall contain no violations of the standard C syntax and constraints, and shall not exceed the implementation's translation limits. Too many macro definitions have been found in this translation unit: 5403. The limit is 4095.	File Scope	1	1	No	Unset	Unreviewed	
620	9.3	Arrays shall not be partially initialized.	File Scope	128	33	No	Unset	Unreviewed	

Table 1.81. 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	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
622	1.1	The program shall contain no violations of the standard C syntax and constraints, and shall not exceed the implementation's translation limits. Too many macro definitions have been found in this translation unit: 5617. The limit is 4095.	File Scope	1	1	No	Unset	Unreviewed	
623	10.3	The value of an expression shall not be assigned to an object with a narrower essential type or of a different essential type category. The expression (of essential type category signed) is assigned to an object with a different essential type category (unsigned)	File Scope	108	26	No	Unset	Unreviewed	

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
624	10.3	The value of an expression shall not be assigned to an object with a narrower essential type or of a different essential type category. The expression (of essential type category signed) is assigned to an object with a different essential type category (unsigned)	File Scope	112	26	No	Unset	Unreviewed	
626	10.3	The value of an expression shall not be assigned to an object with a narrower essential type or of a different essential type category. The expression (of essential type category signed) is assigned to an object with a different essential type category (unsigned)	File Scope	116	26	No	Unset	Unreviewed	
625	10.3	The value of an expression shall not be assigned to an object with a narrower essential type or of a different essential type category. The expression (of essential type category signed) is assigned to an object with a different essential type category (unsigned)	File Scope	120	26	No	Unset	Unreviewed	
627	10.3	The value of an expression shall not be assigned to an object with a narrower essential type or of a different essential type category. The expression (of essential type category signed) is assigned to an object with a different essential type category (unsigned)	File Scope	124	26	No	Unset	Unreviewed	

Table 1.82.
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	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
628	8.4	A compatible declaration shall be visible when an object or function with external linkage is defined. Global definition of 'Uart_Ipw_IpChnConfigPB_0' variable has no previous declaration.	File Scope	166	28	No	Unset	Unreviewed	
629	8.4	A compatible declaration shall be visible when an object or function with external linkage is defined. Global definition of 'Uart_Ipw_xHwConfigPB_0' variable has no previous declaration.	File Scope	178	28	No	Unset	Unreviewed	

Table 1.83. D:\Jessie\3_NXP\S32DS_S32K312EVBQ172\8_I2C_Master_DMA_FunctionTest_RTD3.0.0\S32K312_I2C_Master_MCAL\src\main.c

ID	Guideline	Message	Function	Line	Col	Jus	Severity	Status	Comment
671	1.1	The program shall contain no violations of the standard C syntax and constraints, and shall not exceed the implementation's translation limits. Too many macro definitions have been found in this translation unit: 20197. The limit is 4095.	File Scope	1	1	No	Unset	Unreviewed	

Chapter 2. Appendix 1 - Configuration Settings

Polyspace Settings

Option	Value
-author	Pega_User
-check-subnormal	allow
-code-metrics	true
-compiler	gnu5.x
-D	_LINARO_C_S32K3XX_
-date	09/01/2025
-dos	true
-float-rounding-mode	to-nearest
-I	D:\Jessie\3_NXP\S32DS_S32K312EVBQ172\8_I2C_Master_DMA_FunctionTest_RTD3.0.0\S32K312_I2C_Master_MCAL,D:\Jessie\3_NXP\S32DS_S32K312EVBQ172\8_I2C_Master_DMA_FunctionTest_RTD3.0.0\S32K312_I2C_Master_MCAL\board,D:\Jessie\3_NXP\S32DS_S32K312EVBQ172\8_I2C_Master_DMA_FunctionTest_RTD3.0.0\S32K312_I2C_Master_MCAL\generate\include,D:\Jessie\3_NXP\S32DS_S32K312EVBQ172\8_I2C_Master_DMA_FunctionTest_RTD3.0.0\S32K312_I2C_Master_MCAL\RTD\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Adc_TS_T40D34M30I0R0\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Ae_TS_T40D34M30I0R0\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\BaseNXP_TS_T40D34M30I0R0\header,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\BaseNXP_TS_T40D34M30I0R0\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\BaseNXP_TS_T40D34M30I0R0\wizard_data,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\CanIf_TS_T40D34M30I0R0\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\CanTrcv_43_AE_TS_T40D34M30I0R0\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Can_43_FLEXCAN_TS_T40D34M30I0R0\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Crc_TS_T40D34M30I0R0\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\CryIf_TS_T40D34M30I0R0\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Crypto_TS_T40D34M30I0R0\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Csm_TS_T40D34M30I0R0\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Dem_TS_T40D34M30I0R0\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Det_TS_T40D34M30I0R0\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Dio_TS_T40D34M30I0R0\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Dpga_TS_T40D34M30I0R0\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\EcuM_TS_T40D34M30I0R0\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\EthIf_TS_T40D34M30I0R0\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\EthSwt_TS_T40D34M30I0R0\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\EthTrcv_TS_T40D34M30I0R0\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Eth_43_GMAC_TS_T40D34M30I0R0\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Fee_TS_T40D34M30I0R0\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Gdu_TS_T40D34M30I0R0\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Gpt_TS_T40D34M30I0R0\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\I2c_TS_T40D34M30I0R0\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\I2s_TS_T40D34M30I0R0\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Icu_TS_T40D34M30I0R0\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\LinIf_TS_T40D34M30I0R0\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\LinTrcv_43_AE_TS_T40D34M30I0R0\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Lin_43_LPUART_FLEXIO_TS_T40D34M30I0R0\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Mcl_TS_T40D34M30I0R0\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Mcu_TS_

Option	Value
	T40D34M30I0R0\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\MemAcc_TS_T40D34M30I0R0\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\MemIf_TS_T40D34M30I0R0\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Mem_43_Eep_TS_T40D34M30I0R0\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Mem_43_ExFls_TS_T40D34M30I0R0\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Mem_43_InFls_TS_T40D34M30I0R0\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Ocotp_TS_T40D34M30I0R0\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Ocu_TS_T40D34M30I0R0\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Os_TS_T40D34M30I0R0\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Platform_TS_T40D34M30I0R0\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Port_TS_T40D34M30I0R0\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Pwm_TS_T40D34M30I0R0\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Rm_TS_T40D34M30I0R0\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Rte_TS_T40D34M30I0R0\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Sent_TS_T40D34M30I0R0\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Spi_TS_T40D34M30I0R0\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Uart_TS_T40D34M30I0R0\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\WdgIf_TS_T40D34M30I0R0\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Wdg_TS_T40D34M30I0R0\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Zipwire_TS_T40D34M30I0R0\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Adc_TS_T40D34M30I0R0\generate_PB\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Adc_TS_T40D34M30I0R0\generate_PC\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Ae_TS_T40D34M30I0R0\generate_PB\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Ae_TS_T40D34M30I0R0\generate_PC\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\BaseNXP_TS_T40D34M30I0R0\generate_PC\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\BaseNXP_TS_T40D34M30I0R0\wizard_data\S32K310,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\BaseNXP_TS_T40D34M30I0R0\wizard_data\S32K311,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\BaseNXP_TS_T40D34M30I0R0\wizard_data\S32K312,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\BaseNXP_TS_T40D34M30I0R0\wizard_data\S32K314,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\BaseNXP_TS_T40D34M30I0R0\wizard_data\S32K322,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\BaseNXP_TS_T40D34M30I0R0\wizard_data\S32K324,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\BaseNXP_TS_T40D34M30I0R0\wizard_data\S32K328,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\BaseNXP_TS_T40D34M30I0R0\wizard_data\S32K338,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\BaseNXP_TS_T40D34M30I0R0\wizard_data\S32K341,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\BaseNXP_TS_T40D34M30I0R0\wizard_data\S32K342,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\BaseNXP_TS_T40D34M30I0R0\wizard_data\S32K344,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\BaseNXP_TS_T40D34M30I0R0\wizard_data\S32K348,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\BaseNXP_TS_T40D34M30I0R0\wizard_data\S32K358,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\BaseNXP_TS_T40D34M30I0R0\wizard_data\S32K388,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\BaseNXP_TS_T40D34M30I0R0\wizard_data\S32K394,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\BaseNXP_TS_T40D34M30I0R0\wizard_data\S32K396,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\BaseNXP_TS_T40D34M30I0R0\wizard_data\S32M274,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\BaseNXP_TS_T40D34M30I0R0\wizard_data\S32M276,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\CanIf_TS_T40D34M30I0R0\generate_PB\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\CanIf_TS_T40D34M30I0R0\generate_PC\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\CanTrcv_43_AE_TS_T40D34M30I0R0\generate_PB\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\CanTrcv_43_AE_TS_T40D34M30I0R0\generate_PC\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Can_43_FLEXCAN_TS_T40D34M30I0R0\generate_PB\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Can_43_FLEXCAN_TS_T40D34M30I0R0\generate_PC\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Crc_TS_T40D34M30I0R0\generate_PC\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Crypto_TS_T40D34M30I0R0\generate_PC\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Dem_TS_T40D34M30I0R0\generate_PC\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Dio_TS_T40D34M30I0R0\generate_PC\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Dpga_TS_T40D34M30I0R0\generate_PB\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Dpga_TS_T40D34M30I0R0\generate_PC\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\EcuM_TS_T40D34M30I0R0\generate_PC\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Eth_43_GMAC_TS_T40D34M30I0R0\generate_PB\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Eth_43_GMAC_TS_T40D34M30I0R0\generate_PC\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Fee_TS_T40D34M30I0R0\generate_PC\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Gdu_TS_T40D34M30I0R0\generate_PB\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Gdu_TS_T40D34M30I0R0\generate_PC\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Gpt_TS_T40D34M30I0R0\generate_PB\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Gpt_TS_T40D34M30I0R0\generate_PC\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\I2c_TS_T40D34M30I0R0\generate_PB\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\I2c_TS_T40D34M30I0R0\generate_PC\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\I2s_TS_T40D34M30I0R0\generate_PB\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\I2s_TS_T40D34M30I0R0\generate_PC\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S

Option	Value
	32K3\RTD\Icu_TS_T40D34M30I0R0\generate_PB\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Icu_TS_T40D34M30I0R0\generate_PC\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\LinTrcv_43_AE_TS_T40D34M30I0R0\generate\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Lin_43_LPUART_FLEXIO_TS_T40D34M30I0R0\generate_PB\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Lin_43_LPUART_FLEXIO_TS_T40D34M30I0R0\generate_PC\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Mcl_TS_T40D34M30I0R0\generate_PB\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Mcl_TS_T40D34M30I0R0\generate_PC\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Mcu_TS_T40D34M30I0R0\generate_PB\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Mcu_TS_T40D34M30I0R0\generate_PC\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\MemAcc_TS_T40D34M30I0R0\generate_PB\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\MemAcc_TS_T40D34M30I0R0\generate_PC\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Mem_43_Eep_TS_T40D34M30I0R0\generate_PC\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Mem_43_ExFls_TS_T40D34M30I0R0\generate_PC\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Mem_43_InFls_TS_T40D34M30I0R0\generate_PC\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Ocotp_TS_T40D34M30I0R0\generate_PB\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Ocotp_TS_T40D34M30I0R0\generate_PC\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Ocu_TS_T40D34M30I0R0\generate_PB\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Ocu_TS_T40D34M30I0R0\generate_PC\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Os_TS_T40D34M30I0R0\generate_PC\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Platform_TS_T40D34M30I0R0\generate\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Platform_TS_T40D34M30I0R0\startup\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Port_TS_T40D34M30I0R0\generate_PB\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Port_TS_T40D34M30I0R0\generate_PC\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Pwm_TS_T40D34M30I0R0\generate_PB\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Pwm_TS_T40D34M30I0R0\generate_PC\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Rm_TS_T40D34M30I0R0\generate_PB\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Rm_TS_T40D34M30I0R0\generate_PC\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Sent_TS_T40D34M30I0R0\generate_PB\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Sent_TS_T40D34M30I0R0\generate_PC\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Spi_TS_T40D34M30I0R0\generate_PB\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Spi_TS_T40D34M30I0R0\generate_PC\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Uart_TS_T40D34M30I0R0\generate_PB\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Uart_TS_T40D34M30I0R0\generate_PC\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Wdg_TS_T40D34M30I0R0\generate\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Wdg_TS_T40D34M30I0R0\generate_PB\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Zipwire_TS_T40D34M30I0R0\generate_PC\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Crypto_TS_T40D34M30I0R0\examples\S32DS\hse_interface\S32K344,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Crypto_TS_T40D34M30I0R0\examples\S32DS\hse_interface\S32K358,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Crypto_TS_T40D34M30I0R0\examples\S32DS\hse_interface\S32K396,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Adc_TS_T40D34M30I0R0\examples\EBT\S32K358\Adc_example_S32K358\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Adc_TS_T40D34M30I0R0\examples\EBT\S32K396\Adc_example_S32K396\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Adc_TS_T40D34M30I0R0\examples\EBT\S32K3XX\Adc_example_S32K344\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Adc_TS_T40D34M30I0R0\examples\S32DS\S32K358\Adc_example_S32K358\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Adc_TS_T40D34M30I0R0\examples\S32DS\S32K358\Adc_Sar_Bctu_Ip_example_S32K358\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Adc_TS_T40D34M30I0R0\examples\S32DS\S32K396\Adc_example_S32K396\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Adc_TS_T40D34M30I0R0\examples\S32DS\S32K396\Adc_Sar_Bctu_Ip_example_S32K396\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Adc_TS_T40D34M30I0R0\examples\S32DS\S32K3XX\Adc_example_S32K344\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Adc_TS_T40D34M30I0R0\examples\S32DS\S32K3XX\Adc_Sar_Bctu_Ip_example_S32K344\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Ae_TS_T40D34M30I0R0\examples\EBT\S32M276\Ae_Handler_Faults_Example_EB_001_S32M276\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Ae_TS_T40D34M30I0R0\examples\EBT\S32M276\Ae_Spi_Example_EB_001_S32M276\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Ae_TS_T40D34M30I0R0\examples\S32DS\S32M276\Aec_Ip_Spi_Example_DS_001_S32M276\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Ae_TS_T40D34M30I0R0\examples\S32DS\S32M276\Ae_Handler_Faults_Example_DS_001_S32M276\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Ae_TS_T40D34M30I0R0\examples\S32DS\S32M276\Ae_Spi_Example_DS_001_S32M276\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\CanTrcv_43_AE_TS_T40D34M30I0R0\examples\EBT\S32M276\CanTrcv_Example_S32M276\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\CanTrcv_43_AE_TS_T40D34M30I0R0\examples\S32DS\S32M276\CanTrcv_Example_S32M276\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Can_43_FLEXCAN_TS_T40D34M30I0R0\examples\EBT\S32K358\Can_example_S32K358\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Can_43_FLEXCAN_TS_T40D34M30I0R0\examples\EBT\S32K396\Can_example_S32K396\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Can_43_FLEXCAN_T

Option	Value
	S_T40D34M30I0R0\examples\EBT\S32K3XX\Can_example_S32K344\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Can_43_FLEXCAN_TS_T40D34M30I0R0\examples\S32DS\S32K358\Can_Example_S32K358\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Can_43_FLEXCAN_TS_T40D34M30I0R0\examples\S32DS\S32K358\FlexCAN_Ip_Example_S32K358\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Can_43_FLEXCAN_TS_T40D34M30I0R0\examples\S32DS\S32K396\Can_Example_S32K396\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Can_43_FLEXCAN_TS_T40D34M30I0R0\examples\S32DS\S32K396\FlexCAN_Ip_Example_S32K396\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Can_43_FLEXCAN_TS_T40D34M30I0R0\examples\S32DS\S32K3XX\Can_Example_S32K344\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Can_43_FLEXCAN_TS_T40D34M30I0R0\examples\S32DS\S32K3XX\FlexCAN_Ip_Example_S32K344\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Crc_TS_T40D34M30I0R0\examples\EBT\S32K358\Crc_Example_S32K358\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Crc_TS_T40D34M30I0R0\examples\EBT\S32K396\Crc_Example_S32K396\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Crc_TS_T40D34M30I0R0\examples\EBT\S32K3XX\Crc_Example_S32K344\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Crc_TS_T40D34M30I0R0\examples\S32DS\S32K358\Crc_Example_S32K358\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Crc_TS_T40D34M30I0R0\examples\S32DS\S32K358\Crc_Ip_Example_S32K358\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Crc_TS_T40D34M30I0R0\examples\S32DS\S32K396\Crc_Example_S32K396\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Crc_TS_T40D34M30I0R0\examples\S32DS\S32K396\Crc_Ip_Example_S32K396\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Crc_TS_T40D34M30I0R0\examples\S32DS\S32K3XX\Crc_Example_S32K344\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Crc_TS_T40D34M30I0R0\examples\S32DS\S32K3XX\Crc_Ip_Example_S32K344\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Crypto_TS_T40D34M30I0R0\examples\EBT\S32K358\Crypto_CmacCtr_KeyGenBD_S32K358\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Crypto_TS_T40D34M30I0R0\examples\EBT\S32K358\Crypto_SymmetricPrimitives_S32K358\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Crypto_TS_T40D34M30I0R0\examples\EBT\S32K358\Hse_Ip_AesEncAsyncIrq_S32K358\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Crypto_TS_T40D34M30I0R0\examples\EBT\S32K396\Crypto_CmacCtr_KeyGenBD_S32K396\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Crypto_TS_T40D34M30I0R0\examples\EBT\S32K396\Crypto_SymmetricPrimitives_S32K396\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Crypto_TS_T40D34M30I0R0\examples\EBT\S32K396\Hse_Ip_AesEncAsyncIrq_S32K396\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Crypto_TS_T40D34M30I0R0\examples\EBT\S32K3XX\Crypto_CmacCtr_KeyGenBD_S32K344\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Crypto_TS_T40D34M30I0R0\examples\EBT\S32K3XX\Crypto_SymmetricPrimitives_S32K344\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Crypto_TS_T40D34M30I0R0\examples\EBT\S32K3XX\Hse_Ip_AesEncAsyncIrq_S32K344\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Crypto_TS_T40D34M30I0R0\examples\S32DS\S32K358\Crypto_CmacCtr_KeyGenBD_S32K358\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Crypto_TS_T40D34M30I0R0\examples\S32DS\S32K358\Crypto_SymmetricPrimitives_S32K358\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Crypto_TS_T40D34M30I0R0\examples\S32DS\S32K358\Hse_Ip_AesEncAsyncIrq_S32K358\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Crypto_TS_T40D34M30I0R0\examples\S32DS\S32K396\Crypto_CmacCtr_KeyGenBD_S32K396\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Crypto_TS_T40D34M30I0R0\examples\S32DS\S32K396\Crypto_SymmetricPrimitives_S32K396\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Crypto_TS_T40D34M30I0R0\examples\S32DS\S32K396\Hse_Ip_AesEncAsyncIrq_S32K396\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Crypto_TS_T40D34M30I0R0\examples\S32DS\S32K3XX\Crypto_CmacCtr_KeyGenBD_S32K344\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Crypto_TS_T40D34M30I0R0\examples\S32DS\S32K3XX\Crypto_SymmetricPrimitives_S32K344\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Crypto_TS_T40D34M30I0R0\examples\S32DS\S32K3XX\Hse_Ip_AesEncAsyncIrq_S32K344\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Dio_TS_T40D34M30I0R0\examples\EBT\S32K358\Dio_Example_S32K358\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Dio_TS_T40D34M30I0R0\examples\EBT\S32K396\Dio_Example_S32K396\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Dio_TS_T40D34M30I0R0\examples\EBT\S32K3XX\Dio_Example_S32K344\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Dio_TS_T40D34M30I0R0\examples\S32DS\S32K358\Dio_Example_S32K358\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Dio_TS_T40D34M30I0R0\examples\S32DS\S32K358\Siul2_Dio_Ip_Example_S32K358\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Dio_TS_T40D34M30I0R0\examples\S32DS\S32K396\Dio_Example_S32K396\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Dio_TS_T40D34M30I0R0\examples\S32DS\S32K396\Siul2_Dio_Ip_Example_S32K396\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Dio_TS_T40D34M30I0R0\examples\S32DS\S32K3XX\Dio_Example_S32K344\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Dio_TS_T40D34M30I0R0\examples\S32DS\S32K3XX\Siul2_Dio_Ip_Example_S32K344\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Dpga_TS_T40D34M30I0R0\examples\EBT\S32M276\Dpga_example_S32M276\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Dpga_TS_T40D34M30I0R0\examples\S32DS\S32M276\Dpga_example_S32M276\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Dpga_TS_T40D34M30I0R0\examples\S32DS\S32M276\Dpga_Ip_example_S32M276\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Eth_43_GMAC_TS_T40D34M30I0R0\examples\EBT\S32K358\Eth_InternalLoopback_S32K35

Option	Value
	8\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Eth_43_GMAC_TS_T40D34M30I0R0\examples\EBT\S32K396\Eth_InternalLoopback_S32K396\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Eth_43_GMAC_TS_T40D34M30I0R0\examples\EBT\S32K3XX\Eth_InternalLoopback_S32K344\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Eth_43_GMAC_TS_T40D34M30I0R0\examples\S32DS\S32K358\Eth_InternalLoopback_S32K358\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Eth_43_GMAC_TS_T40D34M30I0R0\examples\S32DS\S32K358\Gmac_Ip_InternalLoopback_S32K358\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Eth_43_GMAC_TS_T40D34M30I0R0\examples\S32DS\S32K396\Eth_InternalLoopback_S32K396\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Eth_43_GMAC_TS_T40D34M30I0R0\examples\S32DS\S32K396\Gmac_Ip_InternalLoopback_S32K396\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Eth_43_GMAC_TS_T40D34M30I0R0\examples\S32DS\S32K3XX\Eth_InternalLoopback_S32K344\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Eth_43_GMAC_TS_T40D34M30I0R0\examples\S32DS\S32K3XX\Gmac_Ip_InternalLoopback_S32K344\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Fee_TS_T40D34M30I0R0\examples\EBT\S32K358\Fee_Example_S32K358include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Fee_TS_T40D34M30I0R0\examples\EBT\S32K396\Fee_Example_S32K396\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Fee_TS_T40D34M30I0R0\examples\EBT\S32K3XX\Fee_Example_S32K344\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Fee_TS_T40D34M30I0R0\examples\S32DS\S32K358\Fee_Example_S32K358\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Fee_TS_T40D34M30I0R0\examples\S32DS\S32K396\Fee_Example_S32K396\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Fee_TS_T40D34M30I0R0\examples\S32DS\S32K3XX\Fee_Example_S32K344\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Gdu_TS_T40D34M30I0R0\examples\EBT\S32M276\Gdu_Example_EBT_S32M276\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Gdu_TS_T40D34M30I0R0\examples\S32DS\S32M276\Gdu_Example_DS_S32M276\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Gpt_TS_T40D34M30I0R0\examples\EBT\S32K358\Gpt_Example_S32K358\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Gpt_TS_T40D34M30I0R0\examples\EBT\S32K396\Gpt_Example_S32K396\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Gpt_TS_T40D34M30I0R0\examples\EBT\S32K3XX\Gpt_Example_S32K344\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Gpt_TS_T40D34M30I0R0\examples\S32DS\S32K358\Gpt_Example_S32K358\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Gpt_TS_T40D34M30I0R0\examples\S32DS\S32K358\Pit_Gpt_Ip_Example_S32K358\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Gpt_TS_T40D34M30I0R0\examples\S32DS\S32K396\Gpt_Example_S32K396\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Gpt_TS_T40D34M30I0R0\examples\S32DS\S32K396\Pit_Gpt_Ip_Example_S32K396\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Gpt_TS_T40D34M30I0R0\examples\S32DS\S32K3XX\Gpt_Example_S32K344\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Gpt_TS_T40D34M30I0R0\examples\S32DS\S32K3XX\Pit_Gpt_Ip_Example_S32K344\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\I2c_TS_T40D34M30I0R0\examples\EBT\S32K358\I2c_HLD_FLEXIO_Transfer_S32K358\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\I2c_TS_T40D34M30I0R0\examples\EBT\S32K396\I2c_HLD_FLEXIO_Transfer_S32K396\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\I2c_TS_T40D34M30I0R0\examples\EBT\S32K3XX\I2c_HLD_FLEXIO_Transfer_S32K344\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\I2c_TS_T40D34M30I0R0\examples\EBT\S32K3XX\I2c_HLD_FLEXIO_Transfer_S32K344_Q172\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\I2c_TS_T40D34M30I0R0\examples\S32DS\S32K358\I2c_HLD_FLEXIO_Transfer_S32K358\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\I2c_TS_T40D34M30I0R0\examples\S32DS\S32K358\I2c_IP_FLEXIO_Transfer_S32K358\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\I2c_TS_T40D34M30I0R0\examples\S32DS\S32K396\I2c_HLD_FLEXIO_Transfer_S32K396\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\I2c_TS_T40D34M30I0R0\examples\S32DS\S32K396\I2c_IP_FLEXIO_Transfer_S32K396\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\I2c_TS_T40D34M30I0R0\examples\S32DS\S32K3XX\I2c_HLD_FLEXIO_Transfer_S32K344\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\I2c_TS_T40D34M30I0R0\examples\S32DS\S32K3XX\I2c_HLD_FLEXIO_Transfer_S32K344_Q172\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\I2c_TS_T40D34M30I0R0\examples\S32DS\S32K3XX\I2c_IP_FLEXIO_Transfer_S32K344\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\I2c_TS_T40D34M30I0R0\examples\S32DS\S32K3XX\I2c_IP_FLEXIO_Transfer_S32K344_Q172\include,D:\NXP\S32DS.3.5\S32DS\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Option	Value
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_T40D34M30I0R0\examples\EBT\S32K396\Mcu_Example_S32K396\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Mcu_TS_T40D34M30I0R0\examples\EBT\S32K3XX\Mcu_Example_S32K344\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Mcu_TS_T40D34M30I0R0\examples\EBT\S32M276\Mcu_Example_S32M276\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Mcu_TS_T40D34M30I0R0\examples\S32DS\S32K358\Clock_Ip_Example_S32K358\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Mcu_TS_T40D34M30I0R0\examples\S32DS\S32K358\Mcu_Example_S32K358\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Mcu_TS_T40D34M30I0R0\examples\S32DS\S32K358\Power_Ip_Example_S32K358\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Mcu_TS_T40D34M30I0R0\examples\S32DS\S32K396\Clock_Ip_Example_S32K396\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Mcu_TS_T40D34M30I0R0\examples\S32DS\S32K396\Mcu_Example_S32K396\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Mcu_TS_T40D34M30I0R0\examples\S32DS\S32K396\Power_Ip_Example_S32K396\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Mcu_TS_T40D34M30I0R0\examples\S32DS\S32K3XX\Clock_Ip_Example_S32K344\include,D:\N

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	XP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Mcu_TS_T40D34M30I0R0\examples\S32DS\S32K3XX\Mcu_Example_S32K344\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Mcu_TS_T40D34M30I0R0\examples\S32DS\S32K3XX\Power_Ip_Example_S32K344\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Mcu_TS_T40D34M30I0R0\examples\S32DS\S32M276\Clock_Ip_Example_S32M276\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Mcu_TS_T40D34M30I0R0\examples\S32DS\S32M276\Mcu_Example_S32M276\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Mcu_TS_T40D34M30I0R0\examples\S32DS\S32M276\Power_Ip_Example_S32M276\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\MemAcc_TS_T40D34M30I0R0\examples\EBT\S32K358\MemAcc_Example_S32K358\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\MemAcc_TS_T40D34M30I0R0\examples\EBT\S32K396\MemAcc_Example_S32K396\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\MemAcc_TS_T40D34M30I0R0\examples\EBT\S32K3XX\MemAcc_Example_S32K344\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\MemAcc_TS_T40D34M30I0R0\examples\S32DS\S32K358\MemAcc_Example_S32K358\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\MemAcc_TS_T40D34M30I0R0\examples\S32DS\S32K396\MemAcc_Example_S32K396\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\MemAcc_TS_T40D34M30I0R0\examples\S32DS\S32K3XX\MemAcc_Example_S32K344\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Mem_43_Eep_TS_T40D34M30I0R0\examples\EBT\S32K358\Mem_Eep_Example_S32K358\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Mem_43_Eep_TS_T40D34M30I0R0\examples\S32DS\S32K358\Mem_Eep_Example_S32K358\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Mem_43_Eep_TS_T40D34M30I0R0\examples\S32DS\S32K358\Usdhc_Ip_Example_S32K358\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Mem_43_ExFls_TS_T40D34M30I0R0\examples\EBT\S32K358\Mem_43_ExFls_Example_S32K358\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Mem_43_ExFls_TS_T40D34M30I0R0\examples\EBT\S32K396\Mem_43_ExFls_Example_S32K396\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Mem_43_ExFls_TS_T40D34M30I0R0\examples\EBT\S32K3XX\Mem_43_ExFls_Example_S32K344\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Mem_43_ExFls_TS_T40D34M30I0R0\examples\S32DS\S32K358\Mem_43_ExFls_Example_S32K358\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Mem_43_ExFls_TS_T40D34M30I0R0\examples\S32DS\S32K358\Qspi_Ip_Example_S32K358\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Mem_43_ExFls_TS_T40D34M30I0R0\examples\S32DS\S32K396\Mem_43_ExFls_Example_S32K396\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Mem_43_ExFls_TS_T40D34M30I0R0\examples\S32DS\S32K396\Qspi_Ip_Example_S32K396\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Mem_43_ExFls_TS_T40D34M30I0R0\examples\S32DS\S32K3XX\Mem_43_ExFls_Example_S32K344\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Mem_43_ExFls_TS_T40D34M30I0R0\examples\S32DS\S32K3XX\Qspi_Ip_Example_S32K344\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Mem_43_InFls_TS_T40D34M30I0R0\examples\EBT\S32K358\Mem_InFls_Example_S32K358\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Mem_43_InFls_TS_T40D34M30I0R0\examples\EBT\S32K396\Mem_InFls_Example_S32K396\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Mem_43_InFls_TS_T40D34M30I0R0\examples\EBT\S32K3XX\Mem_InFls_Example_S32K344\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Mem_43_InFls_TS_T40D34M30I0R0\examples\S32DS\S32K358\C40_Ip_Example_S32K358\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Mem_43_InFls_TS_T40D34M30I0R0\examples\S32DS\S32K358\Mem_InFls_Example_S32K358\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Mem_43_InFls_TS_T40D34M30I0R0\examples\S32DS\S32K396\C40_Ip_Example_S32K396\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Mem_43_InFls_TS_T40D34M30I0R0\examples\S32DS\S32K396\Mem_InFls_Example_S32K396\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Mem_43_InFls_TS_T40D34M30I0R0\examples\S32DS\S32K3XX\C40_Ip_Example_S32K344\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Mem_43_InFls_TS_T40D34M30I0R0\examples\S32DS\S32K3XX\Mem_InFls_Example_S32K344\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Ocotp_TS_T40D34M30I0R0\examples\EBT\S32M276\Ocotp_Example_S32M276\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Ocotp_TS_T40D34M30I0R0\examples\S32DS\S32M276\Mem_Otp_Ip_Example_S32M276\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Ocotp_TS_T40D34M30I0R0\examples\S32DS\S32M276\Ocotp_Example_S32M276\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Ocu_TS_T40D34M30I0R0\examples\EBT\S32K358\Ocu_Example_S32K358\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Ocu_TS_T40D34M30I0R0\examples\EBT\S32K396\Ocu_Example_S32K396\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D34M30I0R0\examples\EBT\S32K358\Rm_Sema42_Example_S32K358\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Rm_TS_T40D34M30I0R0\examples\EBT\S32K358\Rm_Virt_Wrap_Example_S32K358\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Rm_TS_T40D34M30I0R0\examples\EBT\S32K358\Rm_Xbic_Example_S32K358\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Rm_TS_T40D34M30I0R0\examples\EBT\S32K396\Rm_DMAMUX_Example_S32K396\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Rm_TS_T40D34M30I0R0\examples\EBT\S32K396\Rm_Example_S32K396\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Rm_TS_T40D34M30I0R0\examples\EBT\S32K396\Rm_Mscm_Example_S32K396\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Rm_TS_T40D34M30I0R0\examples\EBT\S32K396\Rm_Sema42_Example_S32K396\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Rm_TS_T40D34M30I0R0\examples\EBT\S32K396\Rm_Virt_Wrap_Example_S32K396\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Rm_TS_T40D34M30I0R0\examples\EBT\S32K396\Rm_Xbic_Example_S32K396\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Rm_TS_T40D34M30I0R0\examples\EBT\S32K3XX\Rm_

Option	Value
	DMAMUX_Example_S32K344\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Rm_TS_T40D34M30I0R0\examples\EBT\S32K3XX\Rm_Example_S32K344\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Rm_TS_T40D34M30I0R0\examples\EBT\S32K3XX\Rm_Mscm_Example_S32K344\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Rm_TS_T40D34M30I0R0\examples\EBT\S32K3XX\Rm_Sema42_Example_S32K344\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Rm_TS_T40D34M30I0R0\examples\EBT\S32K3XX\Rm_Virt_Wrap_Example_S32K344\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Rm_TS_T40D34M30I0R0\examples\EBT\S32K3XX\Rm_Xbic_Example_S32K344\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Rm_TS_T40D34M30I0R0\examples\S32DS\S32K358\Rm_DMAMUX_Example_S32K358\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Rm_TS_T40D34M30I0R0\examples\S32DS\S32K358\Rm_Example_S32K358\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Rm_TS_T40D34M30I0R0\examples\S32DS\S32K358\Rm_Mscm_Example_S32K358\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Rm_TS_T40D34M30I0R0\examples\S32DS\S32K358\Rm_Virt_Wrap_Example_S32K358\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Rm_TS_T40D34M30I0R0\examples\S32DS\S32K358\Rm_Xbic_Example_S32K358\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Rm_TS_T40D34M30I0R0\examples\S32DS\S32K396\Rm_DMAMUX_Example_S32K396\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Rm_TS_T40D34M30I0R0\examples\S32DS\S32K396\Rm_Example_S32K396\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Rm_TS_T40D34M30I0R0\examples\S32DS\S32K396\Rm_Mscm_Example_S32K396\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Rm_TS_T40D34M30I0R0\examples\S32DS\S32K396\Rm_Virt_Wrap_Example_S32K396\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Rm_TS_T40D34M30I0R0\examples\S32DS\S32K396\Rm_Xbic_Example_S32K396\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Rm_TS_T40D34M30I0R0\examples\S32DS\S32K3XX\Rm_DMAMUX_Example_S32K344\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Rm_TS_T40D34M30I0R0\examples\S32DS\S32K3XX\Rm_Example_S32K344\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Rm_TS_T40D34M30I0R0\examples\S32DS\S32K3XX\Rm_Mscm_Example_S32K344\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Rm_TS_T40D34M30I0R0\examples\S32DS\S32K3XX\Rm_Virt_Wrap_Example_S32K344\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Rm_TS_T40D34M30I0R0\examples\S32DS\S32K3XX\Rm_Xbic_Example_S32K344\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Sent_TS_T40D34M30I0R0\examples\EBT\S32K358\Sent_Receiver_S32K358\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Sent_TS_T40D34M30I0R0\examples\EBT\S32K396\Sent_Receiver_S32K396\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Sent_TS_T40D34M30I0R0\examples\EBT\S32K3XX\Sent_Receiver_S32K344\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Sent_TS_T40D34M30I0R0\examples\EBT\S32M276\Sent_Receiver_S32M276\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Sent_TS_T40D34M30I0R0\examples\S32DS\S32K358\Sent_Receiver_S32K358\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Sent_TS_T40D34M30I0R0\examples\S32DS\S32K396\Sent_Receiver_S32K396\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Sent_TS_T40D34M30I0R0\examples\S32DS\S32K3XX\Sent_Receiver_S32K344\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Spi_TS_T40D34M30I0R0\examples\EBT\S32K358\Spi_HalfDuplexTransfer_S32K358\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Spi_TS_T40D34M30I0R0\examples\EBT\S32K358\Spi_Transfer_S32K358\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Spi_TS_T40D34M30I0R0\examples\EBT\S32K396\Spi_HalfDuplexTransfer_S32K396\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Spi_TS_T40D34M30I0R0\examples\EBT\S32K396\Spi_Transfer_S32K396\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Spi_TS_T40D34M30I0R0\examples\EBT\S32K3XX\Spi_HalfDuplexTransfer_S32K344\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Spi_TS_T40D34M30I0R0\examples\EBT\S32K3XX\Spi_Transfer_S32K344\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Spi_TS_T40D34M30I0R0\examples\S32DS\S32K358\Lpspi_Flexio_Ip_Transfer_S32K358\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Spi_TS_T40D34M30I0R0\examples\S32DS\S32K358\Lpspi_Ip_HalfDuplexTransfer_S32K358\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Spi_TS_T40D34M30I0R0\examples\S32DS\S32K358\Spi_HalfDuplexTransfer_S32K358\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Spi_TS_T40D34M30I0R0\examples\S32DS\S32K358\Spi_Transfer_S32K358\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Spi_TS_T40D34M30I0R0\examples\S32DS\S32K396\Lpspi_Flexio_Ip_Transfer_S32K396\include,D:\NXP\S32DS.3.5\S32DS\software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Option	Value
	0\examples\EBT\S32K3XX\Uart_Example_S32K344\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Uart_TS_T40D34M30I0R0\examples\S32DS\S32K358\LpuartFlexio_Uart_Ip_Example_S32K358\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Uart_TS_T40D34M30I0R0\examples\S32DS\S32K358\Uart_Example_S32K358\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Uart_TS_T40D34M30I0R0\examples\S32DS\S32K396\LpuartFlexio_Uart_Ip_Example_S32K396\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Uart_TS_T40D34M30I0R0\examples\S32DS\S32K396\Uart_Example_S32K396\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Uart_TS_T40D34M30I0R0\examples\S32DS\S32K3XX\LpuartFlexio_Uart_Ip_Example_S32K344\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Uart_TS_T40D34M30I0R0\examples\S32DS\S32K3XX\Uart_Example_S32K344\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Wdg_TS_T40D34M30I0R0\examples\EBT\S32K358\Wdg_Example_S32K358\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Wdg_TS_T40D34M30I0R0\examples\EBT\S32K396\Wdg_Example_S32K396\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Wdg_TS_T40D34M30I0R0\examples\EBT\S32K3XX\Wdg_Example_S32K344\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Wdg_TS_T40D34M30I0R0\examples\EBT\S32M276\Wdg_Example_S32M276\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Wdg_TS_T40D34M30I0R0\examples\S32DS\S32K358\Swt_Ip_Example_S32K358\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Wdg_TS_T40D34M30I0R0\examples\S32DS\S32K358\Wdg_Example_S32K358\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Wdg_TS_T40D34M30I0R0\examples\S32DS\S32K396\Swt_Ip_Example_S32K396\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Wdg_TS_T40D34M30I0R0\examples\S32DS\S32K396\Wdg_Example_S32K396\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Wdg_TS_T40D34M30I0R0\examples\S32DS\S32K3XX\Swt_Ip_Example_S32K344\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Wdg_TS_T40D34M30I0R0\examples\S32DS\S32K3XX\Wdg_Example_S32K344\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Wdg_TS_T40D34M30I0R0\examples\S32DS\S32M276\Wdg_Example_S32M276\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Wdg_TS_T40D34M30I0R0\examples\S32DS\S32M276\Wdg_Ip_Example_S32M276\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Zipwire_TS_T40D34M30I0R0\examples\EBT\S32K396\Zipwire_Example_Master_S32K396\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Zipwire_TS_T40D34M30I0R0\examples\EBT\S32K396\Zipwire_Example_Slave_S32K396\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Zipwire_TS_T40D34M30I0R0\examples\S32DS\S32K396\Zipwire_Example_Master_S32K396\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Zipwire_TS_T40D34M30I0R0\examples\S32DS\S32K396\Zipwire_Example_Slave_S32K396\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Zipwire_TS_T40D34M30I0R0\examples\S32DS\S32K396\Zipwire_Ip_Example_Master_S32K396\include,D:\NXP\S32DS.3.5\S32DS\software\PlatformSDK_S32K3\RTD\Zipwire_TS_T40D34M30I0R0\examples\S32DS\S32K396\Zipwire_Ip_Example_Slave_S32K396\include
-import-comments	D:\Jessie\6_Polyspace\I2C_MCAL_FunctionTest_20250103\Module_1\CP_Result\comments_bak
-lang	C
-little-endian	true
-main-generator	true
-main-generator-calls	unused
-main-generator-writes-variables	public
-misra3	mandatory-required
-O	-O2
-pointer-is-32bits	true
-prog	I2C_MCAL_FunctionTest_20250103
-report-output-format	PDF
-report-template	Polyspace-Doc\CodingStandards.rpt
-results-dir	D:\Jessie\6_Polyspace\I2C_MCAL_FunctionTest_20250103\Module_1\CP_Result
-signed-integer-overflows	forbid

Option	Value
-target	mcpu
-to	Software Safety Analysis level 2
-uncalled-function-checks	none
-unsigned-integer-overflows	allow
-verif-version	1.0

Analysis Assumptions

Assumption	Issuer
External arrays of unspecified size can be safely accessed at any index	Product
Nonfinite floats (infinities and NaNs) are not considered	Product
Computations involving unsigned integers do not overflow	Product
Results of floating-point arithmetic are rounded following the IEE754 rule: round to nearest, ties to even	Product
Structure fields are not volatile unless the entire structure is volatile-qualified	Product
Stack pointers can be safely dereferenced even outside the pointed variable's scope	Product
External pointers cannot be null. They point to allocated data of sufficient size for safe dereference	Product
Absolute addresses can be safely dereferenced	Product

Coding Standard Configuration

Table 2.1. MISRA C:2012 Guidelines Configuration

Guideline	Description	Mode	Comment	Enabled
D1.1	Any implementation-defined behaviour on which the output of the program depends shall be documented and understood.	required	-	yes
D2.1	All source files shall compile without any compilation errors.	required	-	yes
D3.1	All code shall be traceable to documented requirements.	required	Not enforceable	no
D4.1	Run-time failures shall be minimized.	required	-	yes
D4.2	All usage of assembly language should be documented.	advisory	Not enforceable	no
D4.3	Assembly language shall be encapsulated and isolated.	required	-	yes
D4.4	Sections of code should not be "commented out".	advisory	-	no

Guideline	Description	Mode	Comment	Enabled
D4.5	Identifiers in the same name space with overlapping visibility should be typographically unambiguous.	advisory	-	no
D4.6	typedefs that indicate size and signedness should be used in place of the basic numerical types.	advisory	-	no
D4.7	If a function returns error information, then that error information shall be tested.	required	Supported in Bug Finder only	no
D4.8	If a pointer to a structure or union is never dereferenced within a translation unit, then the implementation of the object should be hidden.	advisory	-	no
D4.9	A function should be used in preference to a function-like macro where they are interchangeable.	advisory	-	no
D4.10	Precautions shall be taken in order to prevent the contents of a header file being included more than once.	required	-	yes
D4.11	The validity of values passed to library functions shall be checked.	required	-	yes
D4.12	Dynamic memory allocation shall not be used.	required	-	yes
D4.13	Functions which are designed to provide operations on a resource should be called in an appropriate sequence.	advisory	Supported in Bug Finder only	no
D4.14	The validity of values received from external sources shall be checked.	required	Supported in Bug Finder only	no
1.1	The program shall contain no violations of the standard C syntax and constraints, and shall not exceed the implementation's translation limits.	required	-	yes
1.2	Language extensions should not be used.	advisory	-	no
1.3	There shall be no occurrence of undefined or critical unspecified behaviour.	required	-	yes
2.1	A project shall not contain unreachable code.	required	-	yes
2.2	There shall be no dead code.	required	-	yes
2.3	A project should not contain unused type declarations.	advisory	-	no
2.4	A project should not contain unused tag declarations.	advisory	-	no
2.5	A project should not contain unused macro declarations.	advisory	-	no
2.6	A function should not contain unused label declarations.	advisory	-	no
2.7	There should be no unused parameters in functions.	advisory	-	no
3.1	The character sequences /* and // shall not be used within a comment.	required	-	yes
3.2	Line-splicing shall not be used in // comments.	required	-	yes
4.1	Octal and hexadecimal escape sequences shall be terminated.	required	-	yes
4.2	Trigraphs should not be used.	advisory	-	no
5.1	External identifiers shall be distinct.	required	-	yes
5.2	Identifiers declared in the same scope and name space shall be distinct.	required	-	yes
5.3	An identifier declared in an inner scope shall not hide an identifier declared in an outer scope.	required	-	yes

Guideline	Description	Mode	Comment	Enabled
5.4	Macro identifiers shall be distinct.	required	-	yes
5.5	Identifiers shall be distinct from macro names.	required	-	yes
5.6	A typedef name shall be a unique identifier.	required	-	yes
5.7	A tag name shall be a unique identifier.	required	-	yes
5.8	Identifiers that define objects or functions with external linkage shall be unique.	required	-	yes
5.9	Identifiers that define objects or functions with internal linkage should be unique.	advisory	-	no
6.1	Bit-fields shall only be declared with an appropriate type.	required	-	yes
6.2	Single-bit named bit fields shall not be of a signed type.	required	-	yes
7.1	Octal constants shall not be used.	required	-	yes
7.2	A "u" or "U" suffix shall be applied to all integer constants that are represented in an unsigned type.	required	-	yes
7.3	The lowercase character "l" shall not be used in a literal suffix.	required	-	yes
7.4	A string literal shall not be assigned to an object unless the object's type is "pointer to const-qualified char".	required	-	yes
8.1	Types shall be explicitly specified.	required	-	yes
8.2	Function types shall be in prototype form with named parameters.	required	-	yes
8.3	All declarations of an object or function shall use the same names and type qualifiers.	required	-	yes
8.4	A compatible declaration shall be visible when an object or function with external linkage is defined.	required	-	yes
8.5	An external object or function shall be declared once in one and only one file.	required	-	yes
8.6	An identifier with external linkage shall have exactly one external definition.	required	-	yes
8.7	Functions and objects should not be defined with external linkage if they are referenced in only one translation unit.	advisory	-	no
8.8	The static storage class specifier shall be used in all declarations of objects and functions that have internal linkage.	required	-	yes
8.9	An object should be defined at block scope if its identifier only appears in a single function.	advisory	-	no
8.10	An inline function shall be declared with the static storage class.	required	-	yes
8.11	When an array with external linkage is declared, its size should be explicitly specified.	advisory	-	no
8.12	Within an enumerator list, the value of an implicitly-specified enumeration constant shall be unique.	required	-	yes
8.13	A pointer should point to a const-qualified type whenever possible.	advisory	-	no
8.14	The restrict type qualifier shall not be used.	required	-	yes
9.1	The value of an object with automatic storage duration shall not be read before it has been set.	mandatory	-	yes
9.2	The initializer for an aggregate or union shall be enclosed in braces.	required	-	yes

Guideline	Description	Mode	Comment	Enabled
9.3	Arrays shall not be partially initialized.	required	-	yes
9.4	An element of an object shall not be initialized more than once.	required	-	yes
9.5	Where designated initializers are used to initialize an array object the size of the array shall be specified explicitly.	required	-	yes
10.1	Operands shall not be of an inappropriate essential type.	required	-	yes
10.2	Expressions of essentially character type shall not be used inappropriately in addition and subtraction operations.	required	-	yes
10.3	The value of an expression shall not be assigned to an object with a narrower essential type or of a different essential type category.	required	-	yes
10.4	Both operands of an operator in which the usual arithmetic conversions are performed shall have the same essential type category.	required	-	yes
10.5	The value of an expression should not be cast to an inappropriate essential type.	advisory	-	no
10.6	The value of a composite expression shall not be assigned to an object with wider essential type.	required	-	yes
10.7	If a composite expression is used as one operand of an operator in which the usual arithmetic conversions are performed then the other operand shall not have wider essential type.	required	-	yes
10.8	The value of a composite expression shall not be cast to a different essential type category or a wider essential type.	required	-	yes
11.1	Conversions shall not be performed between a pointer to a function and any other type.	required	-	yes
11.2	Conversions shall not be performed between a pointer to an incomplete type and any other type.	required	-	yes
11.3	A cast shall not be performed between a pointer to object type and a pointer to a different object type.	required	-	yes
11.4	A conversion should not be performed between a pointer to object and an integer type.	advisory	-	no
11.5	A conversion should not be performed from pointer to void into pointer to object.	advisory	-	no
11.6	A cast shall not be performed between pointer to void and an arithmetic type.	required	-	yes
11.7	A cast shall not be performed between pointer to object and a non-integer arithmetic type.	required	-	yes
11.8	A cast shall not remove any const or volatile qualification from the type pointed to by a pointer.	required	-	yes
11.9	The macro NULL shall be the only permitted form of integer null pointer constant.	required	-	yes
12.1	The precedence of operators within expressions should be made explicit.	advisory	-	no
12.2	The right hand operand of a shift operator shall lie in the range zero to one less than the width in bits of the essential type of the left hand operand.	required	-	yes
12.3	The comma operator should not be used	advisory	-	no
12.4	Evaluation of constant expressions should not lead to unsigned integer wrap-around.	advisory	-	no
12.5	The sizeof operator shall not have an operand which is a function parameter declared as "array of type".	mandatory	-	yes

Guideline	Description	Mode	Comment	Enabled
13.1	Initializer lists shall not contain persistent side effects.	required	-	yes
13.2	The value of an expression and its persistent side effects shall be the same under all permitted evaluation orders.	required	-	yes
13.3	A full expression containing an increment (++) or decrement (--) operator should have no other potential side effects other than that caused by the increment or decrement operator.	advisory	-	no
13.4	The result of an assignment operator should not be used.	advisory	-	no
13.5	The right hand operand of a logical && or || operator shall not contain persistent side effects.	required	-	yes
13.6	The operand of the sizeof operator shall not contain any expression which has potential side effects.	mandatory	-	yes
14.1	A loop counter shall not have essentially floating type.	required	-	yes
14.2	A for loop shall be well-formed.	required	-	yes
14.3	Controlling expressions shall not be invariant.	required	-	yes
14.4	The controlling expression of an if statement and the controlling expression of an iteration-statement shall have essentially Boolean type.	required	-	yes
15.1	The goto statement should not be used.	advisory	-	no
15.2	The goto statement shall jump to a label declared later in the same function.	required	-	yes
15.3	Any label referenced by a goto statement shall be declared in the same block, or in any block enclosing the goto statement.	required	-	yes
15.4	There should be no more than one break or goto statement used to terminate any iteration statement.	advisory	-	no
15.5	A function should have a single point of exit at the end.	advisory	-	no
15.6	The body of an iteration-statement or a selection-statement shall be a compound-statement.	required	-	yes
15.7	All if ... else if constructs shall be terminated with an else statement.	required	-	yes
16.1	All switch statements shall be well-formed.	required	-	yes
16.2	A switch label shall only be used when the most closely-enclosing compound statement is the body of a switch statement.	required	-	yes
16.3	An unconditional break statement shall terminate every switch-clause.	required	-	yes
16.4	Every switch statement shall have a default label.	required	-	yes
16.5	A default label shall appear as either the first or the last switch label of a switch statement.	required	-	yes
16.6	Every switch statement shall have at least two switch-clauses.	required	-	yes
16.7	A switch-expression shall not have essentially Boolean type.	required	-	yes
17.1	The features of <stdarg.h> shall not be used.	required	-	yes
17.2	Functions shall not call themselves, either directly or indirectly.	required	-	yes
17.3	A function shall not be declared implicitly.	mandatory	-	yes

Guideline	Description	Mode	Comment	Enabled
17.4	All exit paths from a function with non-void return type shall have an explicit return statement with an expression.	mandatory	-	yes
17.5	The function argument corresponding to a parameter declared to have an array type shall have an appropriate number of elements.	advisory	-	no
17.6	The declaration of an array parameter shall not contain the static keyword between the [ ].	mandatory	-	yes
17.7	The value returned by a function having non-void return type shall be used.	required	-	yes
17.8	A function parameter should not be modified.	advisory	-	no
18.1	A pointer resulting from arithmetic on a pointer operand shall address an element of the same array as that pointer operand.	required	-	yes
18.2	Subtraction between pointers shall only be applied to pointers that address elements of the same array.	required	-	yes
18.3	The relational operators >, >=, < and <= shall not be applied to objects of pointer type except where they point into the same object.	required	-	yes
18.4	The +, -, += and -= operators should not be applied to an expression of pointer type.	advisory	-	no
18.5	Declarations should contain no more than two levels of pointer nesting.	advisory	-	no
18.6	The address of an object with automatic storage shall not be copied to another object that persists after the first object has ceased to exist.	required	-	yes
18.7	Flexible array members shall not be declared.	required	-	yes
18.8	Variable-length array types shall not be used.	required	-	yes
19.1	An object shall not be assigned or copied to an overlapping object.	mandatory	-	yes
19.2	The union keyword should not be used.	advisory	-	no
20.1	#include directives should only be preceded by preprocessor directives or comments.	advisory	-	no
20.2	The ', " or \ characters and the /* or // character sequences shall not occur in a header file name.	required	-	yes
20.3	The #include directive shall be followed by either a <filename> or "filename"sequence.	required	-	yes
20.4	A macro shall not be defined with the same name as a keyword.	required	-	yes
20.5	#undef should not be used.	advisory	-	no
20.6	Tokens that look like a preprocessing directive shall not occur within a macro argument.	required	-	yes
20.7	Expressions resulting from the expansion of macro parameters shall be enclosed in parentheses.	required	-	yes
20.8	The controlling expression of a #if or #elif preprocessing directive shall evaluate to 0 or 1.	required	-	yes
20.9	All identifiers used in the controlling expression of #if or #elif preprocessing directives shall be #define'd before evaluation.	required	-	yes
20.10	The # and ## preprocessor operators should not be used.	advisory	-	no

Guideline	Description	Mode	Comment	Enabled
20.11	A macro parameter immediately following a # operator shall not immediately be followed by a ## operator.	required	-	yes
20.12	A macro parameter used as an operand to the # or ## operators, which is itself subject to further macro replacement, shall only be used as an operand to these operators.	required	-	yes
20.13	A line whose first token is # shall be a valid preprocessing directive.	required	-	yes
20.14	All #else, #elif and #endif preprocessor directives shall reside in the same file as the #if, #ifdef or #ifndef directive to which they are related.	required	-	yes
21.1	#define and #undef shall not be used on a reserved identifier or reserved macro name.	required	-	yes
21.2	A reserved identifier or macro name shall not be declared.	required	-	yes
21.3	The memory allocation and deallocation functions of <stdlib.h> shall not be used.	required	-	yes
21.4	The standard header file <setjmp.h> shall not be used.	required	-	yes
21.5	The standard header file <signal.h> shall not be used.	required	-	yes
21.6	The Standard Library input/output functions shall not be used.	required	-	yes
21.7	The atof, atoi, atol, and atoll functions of <stdlib.h> shall not be used.	required	-	yes
21.8	The library functions abort, exit and system of <stdlib.h> shall not be used.	required	-	yes
21.9	The library functions bsearch and qsort of <stdlib.h> shall not be used.	required	-	yes
21.10	The Standard Library time and date functions shall not be used.	required	-	yes
21.11	The standard header file <tgmath.h> shall not be used.	required	-	yes
21.12	The exception handling features of <fenv.h> should not be used.	advisory	-	no
21.13	Any value passed to a function in <ctype.h> shall be representable as an unsigned char or be the value EOF.	mandatory	Supported in Bug Finder only	no
21.14	The Standard Library function memcmp shall not be used to compare null terminated strings.	required	Supported in Bug Finder only	no
21.15	The pointer arguments to the Standard Library functions memcpy, memmove and memcmp shall be pointers to qualified or unqualified versions of compatible types.	required	-	yes
21.16	The pointer arguments to the Standard Library function memcmp shall point to either a pointer type, an essentially signed type, an essentially unsigned type, an essentially Boolean type or an essentially enum type.	required	-	yes
21.17	Use of the string handling functions from <string.h> shall not result in accesses beyond the bounds of the objects referenced by their pointer parameters.	mandatory	Supported in Bug Finder only	no
21.18	The size_t argument passed to any function in <string.h> shall have an appropriate value.	mandatory	Supported in Bug Finder only	no
21.19	The pointers returned by the Standard Library functions localeconv, getenv, setlocale or, strerror shall only be used as if they have pointer to const-qualified type.	mandatory	Supported in Bug Finder only	no

Guideline	Description	Mode	Comment	Enabled
21.20	The pointer returned by the Standard Library functions asctime, ctime, gmtime, localtime, localeconv, getenv, setlocale or strerror shall not be used following a subsequent call to the same function.	mandatory	Supported in Bug Finder only	no
22.1	All resources obtained dynamically by means of Standard Library functions shall be explicitly released.	required	Supported in Bug Finder only	no
22.2	A block of memory shall only be freed if it was allocated by means of a Standard Library function.	mandatory	Supported in Bug Finder only	no
22.3	The same file shall not be open for read and write access at the same time on different streams.	required	Supported in Bug Finder only	no
22.4	There shall be no attempt to write to a stream which has been opened as read-only.	mandatory	Supported in Bug Finder only	no
22.5	A pointer to a FILE object shall not be dereferenced.	mandatory	-	yes
22.6	The value of a pointer to a FILE shall not be used after the associated stream has been closed.	mandatory	Supported in Bug Finder only	no
22.7	The macro EOF shall only be compared with the unmodified return value from any Standard Library function capable of returning EOF.	required	Supported in Bug Finder only	no
22.8	The value of errno shall be set to zero prior to a call to an errno-setting-function.	required	Supported in Bug Finder only	no
22.9	The value of errno shall be tested against zero after calling an errno-setting-function.	required	Supported in Bug Finder only	no
22.10	The value of errno shall only be tested when the last function to be called was an errno-setting-function.	required	Supported in Bug Finder only	no

Files with compilation errors (files partially analyzed)

Table 2.2. Files with compilation errors (files partially analyzed)

File
D:\Jessie\3_NXP\S32DS_S32K312EVBQ172\8_I2C_Master_DMA_FunctionTest_RTD3.0.0\S32K312_I2C_Master_MCAL\Project_Settings\Startup_Code\nvic.c
D:\Jessie\3_NXP\S32DS_S32K312EVBQ172\8_I2C_Master_DMA_FunctionTest_RTD3.0.0\S32K312_I2C_Master_MCAL\Project_Settings\Startup_Code\system.c
D:\Jessie\3_NXP\S32DS_S32K312EVBQ172\8_I2C_Master_DMA_FunctionTest_RTD3.0.0\S32K312_I2C_Master_MCAL\RTD\src\IntCtrl_Ip.c
D:\Jessie\3_NXP\S32DS_S32K312EVBQ172\8_I2C_Master_DMA_FunctionTest_RTD3.0.0\S32K312_I2C_Master_MCAL\RTD\src\Platform.c
D:\Jessie\3_NXP\S32DS_S32K312EVBQ172\8_I2C_Master_DMA_FunctionTest_RTD3.0.0\S32K312_I2C_Master_MCAL\RTD\src\Platform_Ipw.c
D:\Jessie\3_NXP\S32DS_S32K312EVBQ172\8_I2C_Master_DMA_FunctionTest_RTD3.0.0\S32K312_I2C_Master_MCAL\RTD\src\System_Ip.c
D:\Jessie\3_NXP\S32DS_S32K312EVBQ172\8_I2C_Master_DMA_FunctionTest_RTD3.0.0\S32K312_I2C_Master_MCAL\generate\src\IntCtrl_Ip_Cfg.c
D:\Jessie\3_NXP\S32DS_S32K312EVBQ172\8_I2C_Master_DMA_FunctionTest_RTD3.0.0\S32K312_I2C_Master_MCAL\generate\src\Platform_Cfg.c
D:\Jessie\3_NXP\S32DS_S32K312EVBQ172\8_I2C_Master_DMA_FunctionTest_RTD3.0.0\S32K312_I2C_Master_MCAL\generate\src\Platform_Ipw_Cfg.c
D:\Jessie\3_NXP\S32DS_S32K312EVBQ172\8_I2C_Master_DMA_FunctionTest_RTD3.0.0\S32K312_I2C_Master_MCAL\src\main.c

Chapter 3. Appendix 2 - Definitions

Table 3.1. Abbreviations

Abbreviation	Definition
Col	Column
Jus	Justified
SQO	Software Quality Objectives
NA	Not Available