Code Examples

Release Notes

Product name: Code Examples
Release number and version: V1.0.5
Type of release: Official Release
Release method: Infineon GitHub
AUTOSAR specification: None
Compiler support: Tasking v1.1r4
Processor platform: AURIX™ TC2xx, AURIX™ TC3xx
Date: 2020-12-18
Previous release number and version: V1.0.4

About this document

Scope and purpose

This document details the release contents, all known issues in the release and the changes from the last release, together with information on tools, compiler options and support packages.

New issues identified since the last release of this document are detailed first, followed by all issues identified in previous versions of this release.

Note: This release is not intended for production use.

Attention: Refer to the Limitations and deviations chapter before using the software for integration.

Intended audience

This document is intended for anyone using the AURIX™ Development Studio and the AURIX™ microcontroller products from Infineon Technologies AG.

Reference documents

- None

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Please read the Important Notice and Warnings at the end of this document
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1 Release contents

1.1 Release overview

The code examples provide a guide on how to use and configure the peripherals of AURIX™ TC2xx and AURIX™ TC3xx devices through the Infineon Low Level Drivers (iLLDs). All the projects should be compiled using the AURIX™ Development Studio.

1.2 Released items

The release contains 174 code examples, each providing all the required files for compiling and running it as a standalone project.

Table 1   Release content

Component	Version	Specifications	
ADC_Background_Scan_1_KIT_TC297_TFT	V1.0.1	**Type** Code example	
		Known Issues None	
		Release Changes V1.0.1: Updated iLLDs to v1.0.1.12.0	
ADC_Filtering_1_KIT_TC297_TFT	V1.0.1	**Type** Code example	
		Known Issues None	
		Release Changes V1.0.1: Updated code to calculate time variables; Updated iLLDs to v1.0.1.12.0	
ADC_Filtering_1_KIT_TC397_TFT	V1.0.1	**Type** Code example	
		Known Issues None	
		Release Changes V1.0.1: Updated code to calculate time variables; Updated iLLDs to v1.0.1.12.0	
ADC_Group_Scan_1_KIT_TC297_TFT	V1.0.2	**Type** Code example	
		Known Issues None	
		Release Changes V1.0.1: Changed baud rate from 9600 to 115200. Added a median filter on the oversampled bits for UART to improve reliability.	

Component	Version	Specifications
		V1.0.2: Updated iLLDs to v1.0.1.12.0
ADC_Queued_Scan_1_KIT_TC297_TFT	V1.0.1	**Type** Code example
		Known Issues None
		Release Changes V1.0.1: Updated iLLDs to v1.0.1.12.0
ADC_Queued_Scan_1_KIT_TC397_TFT	V1.0.1	**Type** Code example
		Known Issues None
		Release Changes V1.0.1: Updated iLLDs to v1.0.1.12.1
ADC_Single_Channel_1_KIT_TC297_TFT	V1.0.1	**Type** Code example
		Known Issues None
		Release Changes V1.0.1: Updated code to calculate time variables; Updated iLLDs to v1.0.1.12.0
ADC_Single_Channel_1_KIT_TC397_TFT	V1.0.1	**Type** Code example
		Known Issues None
		Release Changes V1.0.1: Updated iLLDs to v1.0.1.12.1
ASCLIN_LIN_Master_1_KIT_TC297_TFT	V1.0.1	**Type** Code example
		Known Issues None
		Release Changes V1.0.1: Updated iLLDs to v1.0.1.12.0
ASCLIN_LIN_Master_1_KIT_TC397_TFT	V1.0.1	**Type** Code example
		Known Issues None
		Release Changes V1.0.1: Updated iLLDs to v1.0.1.12.1
ASCLIN_Shell_UART_1_KIT_TC237_TFT	V1.0.1	**Type** Code example

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Component	Version	Specifications
		Known Issues
		None
		Release Changes
		V1.0.1: Increased size of Tx and Rx buffers to 256 bytes; Updated iLLDs to v1.0.1.12.0
ASCLIN_Shell_UART_1_KIT_TC275_LK	V1.0.0	**Type**
		Code example
		Known Issues
		None
ASCLIN_Shell_UART_1_KIT_TC275_SB	V1.0.1	**Type**
		Code example
		Known Issues
		None
		Release Changes
		V1.0.1: Increased size of Tx and Rx buffers to 256 bytes; Updated iLLDs to v1.0.1.12.0
ASCLIN_Shell_UART_1_KIT_TC277_TFT	V1.0.1	**Type**
		Code example
		Known Issues
		None
		Release Changes
		V1.0.1: Increased size of Tx and Rx buffers to 256 bytes; Updated iLLDs to v1.0.1.12.0
ASCLIN_Shell_UART_1_KIT_TC297_TFT	V1.0.2	**Type**
		Code example
		Known Issues
		None
		Release Changes
		V1.0.1: Renamed macro ENDL to ENDLINE due to a conflict with iLLDs
		V1.0.2: Increased size of Tx and Rx buffers to 256 bytes; Updated iLLDs to v1.0.1.12.0
ASCLIN_Shell_UART_1_KIT_TC367_TFT	V1.0.0	**Type**
		Code example
		Known Issues
		None
ASCLIN_Shell_UART_1_KIT_TC375_LK	V1.0.0	**Type**
		Code example
		Known Issues
		None
ASCLIN_Shell_UART_1_KIT_TC375_SB	V1.0.0	**Type**

Component	Version	Specifications		
		Code example		
		Known Issues		
		None		
ASCLIN_Shell_UART_1_KIT_TC377_TFT	V1.0.0	**Type**		
		Code example		
		Known Issues		
		None		
ASCLIN_Shell_UART_1_KIT_TC387_TFT	V1.0.0	**Type**		
		Code example		
		Known Issues		
		None		
ASCLIN_Shell_UART_1_KIT_TC397_TFT	V1.0.1	**Type**		
		Code example		
		Known Issues		
		None		
		Release Changes		
		V1.0.1: Increased size of Tx and Rx buffers to 256 bytes; Updated iLLDs to v1.0.1.12.1		
ASCLIN_SPI_Master_1_KIT_TC297_TFT	V1.0.0	**Type**		
		Code example		
		Known Issues		
		None		
		Release Changes		
		V1.0.1: Updated iLLDs to v1.0.1.12.0		
ASCLIN_SPI_Master_1_KIT_TC397_TFT	V1.0.1	**Type**		
		Code example		
		Known Issues		
		None		
		Release Changes		
		V1.0.1: Updated iLLDs to v1.0.1.12.1		
ASCLIN_UART_1_KIT_TC297_TFT	V1.0.1	**Type**		
		Code example		
		Known Issues		
		None		
		Release Changes		
		V1.0.1: Increased g_rxData buffer size; Updated iLLDs to v1.0.1.12.0		
ASCLIN_UART_1_KIT_TC397_TFT	V1.0.1	**Type**		
		Code example		
		Known Issues		
		None		

Component	Version	Specifications		
		Release Changes		
		V1.0.1: Increased g_rxData buffer size; Updated iLLDs to v1.0.1.12.1		
Assembly_C_Code_1_KIT_TC297_TFT	V1.0.1	**Type**		
		Code example		
		Known Issues		
		None		
		Release Changes		
		V1.0.1: Updated iLLDs to v1.0.1.12.0		
Assembly_C_Code_1_KIT_TC397_TFT	V1.0.1	**Type**		
		Code example		
		Known Issues		
		None		
		Release Changes		
		V1.0.1: Updated iLLDs to v1.0.1.12.1		
Blinky_LED_1_KIT_TC234_TFT	V1.0.1	**Type**		
		Code example		
		Known Issues		
		None		
		Release Changes		
		V1.0.1: Updated code to calculate time variables; Updated iLLDs to v1.0.1.12.0		
Blinky_LED_1_KIT_TC237_TFT	V1.0.1	**Type**		
		Code example		
		Known Issues		
		None		
		Release Changes		
		V1.0.1: Updated code to calculate time variables; Updated iLLDs to v1.0.1.12.0		
Blinky_LED_1_KIT_TC265_TFT	V1.0.1	**Type**		
		Code example		
		Known Issues		
		None		
		Release Changes		
		V1.0.1: Updated code to calculate time variables; Updated iLLDs to v1.0.1.12.0		
Blinky_LED_1_KIT_TC275_LK	V1.0.1	**Type**		
		Code example		
		Known Issues		
		None		
		Release Changes		

Component	Version	Specifications
		V1.0.1: Updated code to calculate time variables; Updated iLLDs to v1.0.1.12.0
Blinky_LED_1_KIT_TC275_SB	V1.0.1	**Type**
		Code example
		Known Issues
		None
		Release Changes
		V1.0.1: Updated code to calculate time variables; Updated iLLDs to v1.0.1.12.0
Blinky_LED_1_KIT_TC277_TFT	V1.0.1	**Type**
		Code example
		Known Issues
		None
		Release Changes
		V1.0.1: Updated code to calculate time variables; Updated iLLDs to v1.0.1.12.0
Blinky_LED_1_KIT_TC297_TFT	V1.0.1	**Type**
		Code example
		Known Issues
		None
		Release Changes
		V1.0.1: Updated code to calculate time variables; Updated iLLDs to v1.0.1.12.0
Blinky_LED_1_KIT_TC367_TFT	V1.0.0	**Type**
		Code example
		Known Issues
		None
Blinky_LED_1_KIT_TC375_LK	V1.0.0	**Type**
		Code example
		Known Issues
		None
Blinky_LED_1_KIT_TC375_SB	V1.0.0	**Type**
		Code example
		Known Issues
		None
Blinky_LED_1_KIT_TC377_TFT	V1.0.0	**Type**
		Code example
		Known Issues
		None
Blinky_LED_1_KIT_TC387_TFT	V1.0.0	**Type**
		Code example

Component	Version	Specifications	
		Known Issues	
		None	
Blinky_LED_1_KIT_TC397_TFT	V1.0.1	**Type**	
		Code example	
		Known Issues	
		None	
		Release Changes	
		V1.0.1: Updated code to calculate time variables; Updated iLLDs to v1.0.1.12.1	
BUS_Register_Protection_1_KIT_TC297_TFT	V1.0.1	**Type**	
		Code example	
		Known Issues	
		None	
		Release Changes	
		V1.0.1: Updated iLLDs to v1.0.1.12.0	
BUS_Register_Protection_1_KIT_TC397_TFT	V1.0.1	**Type**	
		Code example	
		Known Issues	
		None	
		Release Changes	
		V1.0.1: Updated iLLDs to v1.0.1.12.1	
CCU_Clock_1_KIT_TC397_TFT	V1.0.1	**Type**	
		Code example	
		Known Issues	
		None	
		Release Changes	
		V1.0.1: Updated iLLDs to v1.0.1.12.1	
CCU6_ADC_1_KIT_TC297_TFT	V1.0.2	**Type**	
		Code example	
		Known Issues	
		None	
		Release Changes	
		V1.0.1: Changed baud rate from 9600 to 115200	
		V1.0.2: Updated iLLDs to v1.0.1.12.0	
CCU6_ADC_1_KIT_TC397_TFT	V1.0.0	**Type**	
		Code example	
		Known Issues	
		None	
CCU6_Interrupt_1_KIT_TC297_TFT	V1.0.1	**Type**	
		Code example	

Component	Version	Specifications		
		Known Issues		
		None		
		Release Changes		
		V1.0.1: Updated iLLDs to v1.0.1.12.0		
CCU6_Interrupt_1_KIT_TC397_TFT	V1.0.1	**Type**		
		Code example		
		Known Issues		
		None		
		Release Changes		
		V1.0.1: Updated iLLDs to v1.0.1.12.1		
CCU6_PWM_Capture_1_KIT_TC297_TFT	V1.0.1	**Type**		
		Code example		
		Known Issues		
		None		
		Release Changes		
		V1.0.1: Updated code to calculate time variables; Updated iLLDs to v1.0.1.12.0		
CCU6_PWM_Capture_1_KIT_TC397_TFT	V1.0.1	**Type**		
		Code example		
		Known Issues		
		None		
		Release Changes		
		V1.0.1: Updated code to calculate time variables; Updated iLLDs to v1.0.1.12.1		
CCU6_PWM_Generation_1_KIT_TC297_TFT	V1.0.1	**Type**		
		Code example		
		Known Issues		
		None		
		Release Changes		
		V1.0.1: Updated iLLDs to v1.0.1.12.0		
CCU6_PWM_Generation_1_KIT_TC397_TFT	V1.0.1	**Type**		
		Code example		
		Known Issues		
		None		
		Release Changes		
		V1.0.1: Updated iLLDs to v1.0.1.12.1		
CPU_Perf_Counters_1_KIT_TC297_TFT	V1.0.1	**Type**		
		Code example		
		Known Issues		
		None		

Component	Version	Specifications		
		Release Changes V1.0.1: Removed function to initialize OCDS; Updated iLLDs to v1.0.1.12.0		
CPU_Perf_Counters_1_KIT_TC397_TFT	V1.0.1	**Type** Code example		
		Known Issues None		
		Release Changes V1.0.1: Updated iLLDs to v1.0.1.12.1		
CPU_Trap_Recognition_1_KIT_TC297_TFT	V1.0.1	**Type** Code example		
		Known Issues None		
		Release Changes V1.0.1: Updated iLLDs to v1.0.1.12.0		
CPU_Trap_Recognition_1_KIT_TC397_TFT	V1.0.0	**Type** Code example		
		Known Issues None		
DMA_ADC_Transfer_1_KIT_TC297_TFT	V1.0.2	**Type** Code example		
		Known Issues None		
		Release Changes V1.0.1: Changed baud rate from 9600 to 115200. Added a median filter on the oversampled bits for UART to improve reliability. V1.0.2: Updated iLLDs to v1.0.1.12.0		
DMA_ADC_Transfer_1_KIT_TC397_TFT	V1.0.0	**Type** Code example		
		Known Issues None		
DMA_Linked_List_Mode_1_KIT_TC297_TFT	V1.0.1	**Type** Code example		
		Known Issues None		
		Release Changes V1.0.1: Updated iLLDs to v1.0.1.12.0		
DMA_Linked_List_Mode_1_KIT_TC397_TFT	V1.0.1	**Type** Code example		

Component	Version	Specifications		
		Known Issues		
		None		
		Release Changes		
		V1.0.1: Updated iLLDs to v1.0.1.12.1		
DMA_Mem_to_Mem_1_KIT_TC297_TFT	V1.0.2	**Type**		
		Code example		
		Known Issues		
		None		
		Release Changes		
		V1.0.1: Added IfxCpu_enableInterrupts() function in Cpu0_Main.c file.		
		V1.0.2: Updated iLLDs to v1.0.1.12.0		
DMA_Mem_to_Mem_1_KIT_TC397_TFT	V1.0.1	**Type**		
		Code example		
		Known Issues		
		None		
		Release Changes		
		V1.0.1: Updated iLLDs to v1.0.1.12.1		
DSADC_1_KIT_TC297_TFT	V1.0.1	**Type**		
		Code example		
		Known Issues		
		None		
		Release Changes		
		V1.0.1: Updated iLLDs to v1.0.1.12.0		
EDSADC_1_KIT_TC397_TFT	V1.0.0	**Type**		
		Code example		
		Known Issues		
		None		
ERU_Interrupt_1_KIT_TC297_TFT	V1.0.1	**Type**		
		Code example		
		Known Issues		
		None		
		Release Changes		
		V1.0.1: Updated iLLDs to v1.0.1.12.0		
ERU_Interrupt_1_KIT_TC397_TFT	V1.0.1	**Type**		
		Code example		
		Known Issues		
		None		
		Release Changes		
		V1.0.1: Updated iLLDs to v1.0.1.12.1		

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Component	Version	Specifications	
FCE_CRC_1_KIT_TC297_TFT	V1.0.1	**Type** Code example	
		Known Issues None	
		Release Changes V1.0.1: Updated iLLDs to v1.0.1.12.0	
FCE_CRC_1_KIT_TC397_TFT	V1.0.1	**Type** Code example	
		Known Issues None	
		Release Changes V1.0.1: Updated iLLDs to v1.0.1.12.1	
Flash_Programming_1_KIT_TC297_TFT	V1.0.1	**Type** Code example	
		Known Issues None	
		Release Changes V1.0.1: Updated iLLDs to v1.0.1.12.0	
Flash_Programming_1_KIT_TC397_TFT	V1.0.1	**Type** Code example	
		Known Issues None	
		Release Changes V1.0.1: Updated iLLDs to v1.0.1.12.1	
GPIO_LED_Button_1_KIT_TC297_TFT	V1.0.1	**Type** Code example	
		Known Issues None	
		Release Changes V1.0.1: Updated iLLDs to v1.0.1.12.0	
GPIO_LED_Button_1_KIT_TC397_TFT	V1.0.1	**Type** Code example	
		Known Issues None	
		Release Changes V1.0.1: Updated iLLDs to v1.0.1.12.1	
GPT12_PWM_Capture_1_KIT_TC297_TFT	V1.0.1	**Type** Code example	
		Known Issues None	

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Component	Version	Specifications		
		Release Changes		
		V1.0.1: Updated code to calculate time variables; Updated iLLDs to v1.0.1.12.0		
GPT12_PWM_Capture_1_KIT_TC397_TFT	V1.0.1	**Type**		
		Code example		
		Known Issues		
		None		
		Release Changes		
		V1.0.1: Updated code to calculate time variables; Updated iLLDs to v1.0.1.12.1		
GPT12_PWM_Generation_1_KIT_TC297_TFT	V1.0.1	**Type**		
		Code example		
		Known Issues		
		None		
		Release Changes		
		V1.0.1: Updated iLLDs to v1.0.1.12.0		
GPT12_PWM_Generation_1_KIT_TC397_TFT	V1.0.1	**Type**		
		Code example		
		Known Issues		
		None		
		Release Changes		
		V1.0.1: Updated iLLDs to v1.0.1.12.1		
GPT12_Timer_Concatenation_1_KIT_TC297_TFT	V1.0.1	**Type**		
		Code example		
		Known Issues		
		None		
		Release Changes		
		V1.0.1: Updated iLLDs to v1.0.1.12.0		
GPT12_Timer_Concatenation_1_KIT_TC397_TFT	V1.0.1	**Type**		
		Code example		
		Known Issues		
		None		
		Release Changes		
		V1.0.1: Updated iLLDs to v1.0.1.12.1		
GPT12_Timer_Interrupt_1_KIT_TC297_TFT	V1.0.1	**Type**		
		Code example		
		Known Issues		
		None		
		Release Changes		
		V1.0.1: Updated iLLDs to v1.0.1.12.0		

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Component	Version	Specifications		
GPT12_Timer_Interrupt_1_KIT_TC397_TFT	V1.0.1	**Type** Code example		
		Known Issues None		
		Release Changes V1.0.1: Updated iLLDs to v1.0.1.12.1		
GTM_ATOM_Interrupt_1_KIT_TC297_TFT	V1.0.1	**Type** Code example		
		Known Issues None		
		Release Changes V1.0.1: Updated iLLDs to v1.0.1.12.0		
GTM_ATOM_Interrupt_1_KIT_TC397_TFT	V1.0.1	**Type** Code example		
		Known Issues None		
		Release Changes V1.0.1: Updated iLLDs to v1.0.1.12.1		
GTM_ATOM_PWM_1_KIT_TC297_TFT	V1.0.1	**Type** Code example		
		Known Issues None		
		Release Changes V1.0.1: Updated code to calculate time variables; Updated iLLDs to v1.0.1.12.0		
GTM_ATOM_PWM_1_KIT_TC397_TFT	V1.0.1	**Type** Code example		
		Known Issues None		
		Release Changes V1.0.1: Updated code to calculate time variables; Updated iLLDs to v1.0.1.12.1		
GTM_TIM_Capture_1_KIT_TC297_TFT	V1.0.1	**Type** Code example		
		Known Issues None		
		Release Changes V1.0.1: Updated code to calculate time variables; Updated iLLDs to v1.0.1.12.0		
GTM_TIM_Capture_1_KIT_TC397_TFT	V1.0.1	**Type** Code example		

Component	Version	Specifications		
		Known Issues		
		None		
		Release Changes		
		V1.0.1: Updated code to calculate time variables; Updated iLLDs to v1.0.1.12.1		
GTM_TOM_Interrupt_1_KIT_TC297_TFT	V1.0.1	**Type**		
		Code example		
		Known Issues		
		None		
		Release Changes		
		V1.0.1: Updated iLLDs to v1.0.1.12.0		
GTM_TOM_Interrupt_1_KIT_TC397_TFT	V1.0.0	**Type**		
		Code example		
		Known Issues		
		None		
GTM_TOM_PWM_1_KIT_TC234_TFT	V1.0.1	**Type**		
		Code example		
		Known Issues		
		None		
		Release Changes		
		V1.0.1: Updated code to calculate time variables; Updated iLLDs to v1.0.1.12.0		
GTM_TOM_PWM_1_KIT_TC237_TFT	V1.0.1	**Type**		
		Code example		
		Known Issues		
		None		
		Release Changes		
		V1.0.1: Updated code to calculate time variables; Updated iLLDs to v1.0.1.12.0		
GTM_TOM_PWM_1_KIT_TC265_TFT	V1.0.1	**Type**		
		Code example		
		Known Issues		
		None		
		Release Changes		
		V1.0.1: Updated code to calculate time variables; Updated iLLDs to v1.0.1.12.0		
GTM_TOM_PWM_1_KIT_TC275_LK	V1.0.1	**Type**		
		Code example		
		Known Issues		
		None		
		Release Changes		

Component	Version	Specifications
		V1.0.1: Updated code to calculate time variables; Updated iLLDs to v1.0.1.12.0
GTM_TOM_PWM_1_KIT_TC275_SB	V1.0.1	**Type** Code example
		Known Issues None
		Release Changes V1.0.1: Updated code to calculate time variables; Updated iLLDs to v1.0.1.12.0
GTM_TOM_PWM_1_KIT_TC277_TFT	V1.0.1	**Type** Code example
		Known Issues None
		Release Changes V1.0.1: Updated code to calculate time variables; Updated iLLDs to v1.0.1.12.0
GTM_TOM_PWM_1_KIT_TC297_TFT	V1.0.1	**Type** Code example
		Known Issues None
		Release Changes V1.0.1: Updated code to calculate time variables; Updated iLLDs to v1.0.1.12.0
GTM_TOM_PWM_1_KIT_TC367_TFT	V1.0.0	**Type** Code example
		Known Issues None
GTM_TOM_PWM_1_KIT_TC375_LK	V1.0.0	**Type** Code example
		Known Issues None
GTM_TOM_PWM_1_KIT_TC375_SB	V1.0.0	**Type** Code example
		Known Issues None
GTM_TOM_PWM_1_KIT_TC377_TFT	V1.0.0	**Type** Code example
		Known Issues None
GTM_TOM_PWM_1_KIT_TC387_TFT	V1.0.0	**Type** Code example

Component	Version	Specifications	
		Known Issues	
		None	
GTM_TOM_PWM_1_KIT_TC397_TFT	V1.0.1	**Type**	
		Code example	
		Known Issues	
		None	
		Release Changes	
		V1.0.1: Updated code to calculate time variables; Updated iLLDs to v1.0.1.12.1	
I2C_Read_Ext_Device_1_KIT_TC297_TFT	V1.0.1	**Type**	
		Code example	
		Known Issues	
		None	
		Release Changes	
		V1.0.1: Updated iLLDs to v1.0.1.12.0	
I2C_Read_Ext_Device_1_KIT_TC397_TFT	V1.0.1	**Type**	
		Code example	
		Known Issues	
		None	
		Release Changes	
		V1.0.1: Updated iLLDs to v1.0.1.12.1	
Interrupt_Prio_1_KIT_TC297_TFT	V1.0.1	**Type**	
		Code example	
		Known Issues	
		None	
		Release Changes	
		V1.0.1: Updated iLLDs to v1.0.1.12.0	
Interrupt_Prio_1_KIT_TC397_TFT	V1.0.1	**Type**	
		Code example	
		Known Issues	
		None	
		Release Changes	
		V1.0.1: Updated iLLDs to v1.0.1.12.1	
IOM_PWM_Monitor_1_KIT_TC297_TFT	V1.0.1	**Type**	
		Code example	
		Known Issues	
		None	
		Release Changes	
		V1.0.1: Updated code to calculate time variables; Updated iLLDs to v1.0.1.12.0	

Component	Version	Specifications		
IOM_Signals_Comparison_1_KIT_TC297_TFT	V1.0.1	**Type** Code example		
		Known Issues None		
		Release Changes V1.0.1: Updated code to calculate time variables; Updated iLLDs to v1.0.1.12.0		
MCMCAN_1_KIT_TC397_TFT	V1.0.1	**Type** Code example		
		Known Issues None		
		Release Changes V1.0.1: Removed clearing of "New Data" flag in canIsrRxHandler(), not needed; Updated iLLDs to v1.0.1.12.1		
MCMCAN_FD_1_KIT_TC397_TFT	V1.0.0	**Type** Code example		
		Known Issues None		
Memory_Access_Performance_1_KIT_TC297_TFT	V1.0.1	**Type** Code example		
		Known Issues None		
		Release Changes V1.0.1:Reduced buffer size; Updated iLLDs to v1.0.1.12.0		
Memory_Access_Performance_1_KIT_TC397_TFT	V1.0.0	**Type** Code example		
		Known Issues None		
MPU_Memory_Protection_1_KIT_TC297_TFT	V1.0.1	**Type** Code example		
		Known Issues None		
		Release Changes V1.0.1: Changed name of MPU_enable_protection() to enable_memory_protection(); Updated iLLDs to v1.0.1.12.0		
MPU_Memory_Protection_1_KIT_TC397_TFT	V1.0.0	**Type** Code example		

Component	Version	Specifications	
		Known Issues	
		None	
MTU_MBIST_1_KIT_TC297_TFT	V1.0.1	**Type**	
		Code example	
		Known Issues	
		None	
		Release Changes	
		V1.0.1: Updated iLLDs to v1.0.1.12.0	
MULTICAN_1_KIT_TC297_TFT	V1.0.2	**Type**	
		Code example	
		Known Issues	
		None	
		Release Changes	
		V1.0.1: Renamed files from MULTICAN_1.c and MULTICAN_1.h to MULTICAN.c and MULTICAN.h, corrected accordingly the include instructions.	
		V1.0.2: Updated iLLDs to v1.0.1.12.0	
MULTICAN_FD_1_KIT_TC297_TFT	V1.0.1	**Type**	
		Code example	
		Known Issues	
		None	
		Release Changes	
		V1.0.1: Updated iLLDs to v1.0.1.12.0	
MULTICAN_GW_TX_FIFO_1_TC297_TFT	V1.0.1	**Type**	
		Code example	
		Known Issues	
		None	
		Release Changes	
		V1.0.1: Updated iLLDs to v1.0.1.12.0	
MULTICAN_RX_FIFO_1_KIT_TC297_TFT	V1.0.1	**Type**	
		Code example	
		Known Issues	
		None	
		Release Changes	
		V1.0.1: Updated iLLDs to v1.0.1.12.0	
Multicore_1_KIT_TC275_LK	V1.0.1	**Type**	
		Code example	
		Known Issues	
		None	
		Release Changes	

Component	Version	Specifications
		V1.0.1: Updated code to calculate time variables; Updated iLLDs to v1.0.1.12.0
Multicore_1_KIT_TC275_SB	V1.0.1	**Type** Code example
		Known Issues None
		Release Changes V1.0.1: Updated code to calculate time variables; Updated iLLDs to v1.0.1.12.0
Multicore_1_KIT_TC277_TFT	V1.0.1	**Type** Code example
		Known Issues None
		Release Changes V1.0.1: Updated code to calculate time variables; Updated iLLDs to v1.0.1.12.0
Multicore_1_KIT_TC297_TFT	V1.0.1	**Type** Code example
		Known Issues None
		Release Changes V1.0.1: Updated code to calculate time variables; Updated iLLDs to v1.0.1.12.0
Multicore_1_KIT_TC375_LK	V1.0.0	**Type** Code example
		Known Issues None
Multicore_1_KIT_TC375_SB	V1.0.0	**Type** Code example
		Known Issues None
Multicore_1_KIT_TC377_TFT	V1.0.0	**Type** Code example
		Known Issues None
Multicore_1_KIT_TC387_TFT	V1.0.0	**Type** Code example
		Known Issues None
Multicore_1_KIT_TC397_TFT	V1.0.1	**Type** Code example

Component	Version	Specifications
		Known Issues
		None
		Release Changes
		V1.0.1: Updated code to calculate time variables; Updated iLLDs to v1.0.1.12.1
PMS_Power_Down_Idle_1_KIT_TC397_TFT	V1.0.1	**Type**
		Code example
		Known Issues
		None
		Release Changes
		V1.0.1: Updated iLLDs to v1.0.1.12.1
PMS_Power_Down_Sleep_1_KIT_TC397_TFT	V1.0.1	**Type**
		Code example
		Known Issues
		None
		Release Changes
		V1.0.1: Updated iLLDs to v1.0.1.12.1
PWM_Buzzer_1_KIT_TC297_TFT	V1.0.1	**Type**
		Code example
		Known Issues
		None
		Release Changes
		V1.0.1: Updated code to calculate time variables; Updated iLLDs to v1.0.1.12.0
PWM_Buzzer_1_KIT_TC397_TFT	V1.0.1	**Type**
		Code example
		Known Issues
		None
		Release Changes
		V1.0.1: Updated code to calculate time variables; Updated iLLDs to v1.0.1.12.1
RAM_Run_Function_1_KIT_TC297_TFT	V1.0.1	**Type**
		Code example
		Known Issues
		None
		Release Changes
		V1.0.1: Updated iLLDs to v1.0.1.12.0
RAM_Run_Function_1_KIT_TC397_TFT	V1.0.1	**Type**
		Code example
		Known Issues
		None

Component	Version	Specifications	
		Release Changes	
		V1.0.1: Updated iLLDs to v1.0.1.12.1	
SCU_Clock_1_KIT_TC297_TFT	V1.0.1	**Type**	
		Code example	
		Known Issues	
		None	
		Release Changes	
		V1.0.1: Updated iLLDs to v1.0.1.12.0	
SCU_Die_Temp_Sensor_1_KIT_TC297_TFT	V1.0.2	**Type**	
		Code example	
		Known Issues	
		None	
		Release Changes	
		V1.0.1: Version number increased to be synchronized with the tutorial document	
		V1.0.2: Updated iLLDs to v1.0.1.12.0	
SCU_Die_Temp_Sensor_1_KIT_TC397_TFT	V1.0.1	**Type**	
		Code example	
		Known Issues	
		None	
		Release Changes	
		V1.0.1: Updated iLLDs to v1.0.1.12.1	
SCU_Emergency_Stop_1_KIT_TC297_TFT	V1.0.1	**Type**	
		Code example	
		Known Issues	
		None	
		Release Changes	
		V1.0.1: Updated code to calculate time variables; Updated iLLDs to v1.0.1.12.0	
SCU_Emergency_Stop_1_KIT_TC397_TFT	V1.0.1	**Type**	
		Code example	
		Known Issues	
		None	
		Release Changes	
		V1.0.1: Updated code to calculate time variables; Updated iLLDs to v1.0.1.12.1	
SCU_Power_Down_Idle_1_KIT_TC297_TFT	V1.0.1	**Type**	
		Code example	
		Known Issues	
		None	
		Release Changes	

Component	Version	Specifications	
		V1.0.1: Updated iLLDs to v1.0.1.12.0	
SCU_Power_Down_Sleep_1_KIT_TC297_TFT	V1.0.3	**Type**	
		Code example	
		Known Issues	
		None	
		Release Changes	
		V1.0.1: Version number increased to be synchronized with the tutorial document	
		V1.0.2: Version number increased to be synchronized with the tutorial document	
		V1.0.3: Updated iLLDs to v1.0.1.12.0	
SCU_Power_Down_Standby_1_KIT_TC297_TFT	V1.0.1	**Type**	
		Code example	
		Known Issues	
		None	
		Release Changes	
		V1.0.1: Updated iLLDs to v1.0.1.12.0	
SCU_Reset_Detection_1_KIT_TC297_TFT	V1.0.1	**Type**	
		Code example	
		Known Issues	
		None	
		Release Changes	
		V1.0.1: Updated iLLDs to v1.0.1.12.0	
SMU_Emergency_Stop_Alarm_1_KIT_TC297_TFT	V1.0.1	**Type**	
		Code example	
		Known Issues	
		None	
		Release Changes	
		V1.0.1: Updated iLLDs to v1.0.1.12.0	
SMU_Emergency_Stop_Alarm_1_KIT_TC397_TFT	V1.0.1	**Type**	
		Code example	
		Known Issues	
		None	
		Release Changes	
		V1.0.1: Updated iLLDs to v1.0.1.12.1	
SMU_Fault_Signaling_1_KIT_TC297_TFT	V1.0.1	**Type**	
		Code example	
		Known Issues	
		None	
		Release Changes	
		V1.0.1: Updated iLLDs to v1.0.1.12.0	

Component	Version	Specifications	
SMU_Fault_Signaling_1_KIT_TC397_TFT	V1.0.1	**Type** Code example	
		Known Issues None	
		Release Changes V1.0.1: Updated iLLDs to v1.0.1.12.1	
SMU_IR_Alarm_1_KIT_TC297_TFT	V1.0.1	**Type** Code example	
		Known Issues None	
		Release Changes V1.0.1: Updated iLLDs to v1.0.1.12.0	
SMU_IR_Alarm_1_KIT_TC397_TFT	V1.0.1	**Type** Code example	
		Known Issues None	
		Release Changes V1.0.1: Updated iLLDs to v1.0.1.12.1	
SMU_Reset_Alarm_1_KIT_TC297_TFT	V1.0.1	**Type** Code example	
		Known Issues None	
		Release Changes V1.0.1: Updated iLLDs to v1.0.1.12.0	
SMU_Reset_Alarm_1_KIT_TC397_TFT	V1.0.1	**Type** Code example	
		Known Issues None	
		Release Changes V1.0.1: Updated iLLDs to v1.0.1.12.1	
SPI_CPU_1_KIT_TC297_TFT	V1.0.2	**Type** Code example	
		Known Issues None	
		Release Changes V1.0.1: Changes in the implementation, in order to use interrupts. V1.0.2: Updated iLLDs to v1.0.1.12.0	
SPI_CPU_1_KIT_TC397_TFT	V1.0.1	**Type** Code example	

Component	Version	Specifications
		Known Issues None
		Release Changes V1.0.1: Updated iLLDs to v1.0.1.12.1
SPI_DMA_1_KIT_TC297_TFT	V1.0.1	**Type** Code example
		Known Issues None
		Release Changes V1.0.1: Updated iLLDs to v1.0.1.12.0
SPI_DMA_1_KIT_TC397_TFT	V1.0.1	**Type** Code example
		Known Issues None
		Release Changes V1.0.1: Updated iLLDs to v1.0.1.12.1
STM_Interrupt_1_KIT_TC234_TFT	V1.0.2	**Type** Code example
		Known Issues None
		Release Changes V1.0.2: Updated code to calculate time variables; Updated iLLDs to v1.0.1.12.0 V1.0.1: Version number increased to be synchronized with the tutorial document
STM_Interrupt_1_KIT_TC237_TFT	V1.0.2	**Type** Code example
		Known Issues None
		Release Changes V1.0.2: Updated code to calculate time variables; Updated iLLDs to v1.0.1.12.0 V1.0.1: Version number increased to be synchronized with the tutorial document
STM_Interrupt_1_KIT_TC265_TFT	V1.0.2	**Type** Code example
		Known Issues None
		Release Changes V1.0.2: Updated code to calculate time variables; Updated iLLDs to v1.0.1.12.0

Component	Version	Specifications
		V1.0.1: Version number increased to be synchronized with the tutorial document
STM_Interrupt_1_KIT_TC275_LK	V1.0.1	**Type** Code example
		Known Issues None
		Release Changes V1.0.1: Updated code to calculate time variables; Updated iLLDs to v1.0.1.12.0
STM_Interrupt_1_KIT_TC275_SB	V1.0.2	**Type** Code example
		Known Issues None
		Release Changes V1.0.2: Updated code to calculate time variables; Updated iLLDs to v1.0.1.12.0 V1.0.1: Version number increased to be synchronized with the tutorial document
STM_Interrupt_1_KIT_TC277_TFT	V1.0.2	**Type** Code example
		Known Issues None
		Release Changes V1.0.2: Updated code to calculate time variables; Updated iLLDs to v1.0.1.12.0 V1.0.1: Version number increased to be synchronized with the tutorial document
STM_Interrupt_1_KIT_TC297_TFT	V1.0.2	**Type** Code example
		Known Issues None
		Release Changes V1.0.2: Updated code to calculate time variables; Updated iLLDs to v1.0.1.12.0 V1.0.1: Version number increased to be synchronized with the tutorial document
STM_Interrupt_1_KIT_TC367_TFT	V1.0.0	**Type** Code example
		Known Issues None
STM_Interrupt_1_KIT_TC375_LK	V1.0.0	**Type** Code example

Component	Version	Specifications	
		Known Issues	
		None	
STM_Interrupt_1_KIT_TC375_SB	V1.0.0	**Type**	
		Code example	
		Known Issues	
		None	
STM_Interrupt_1_KIT_TC377_TFT	V1.0.0	**Type**	
		Code example	
		Known Issues	
		None	
STM_Interrupt_1_KIT_TC387_TFT	V1.0.0	**Type**	
		Code example	
		Known Issues	
		None	
STM_Interrupt_1_KIT_TC397_TFT	V1.0.1	**Type**	
		Code example	
		Known Issues	
		None	
		Release Changes	
		V1.0.1: Updated code to calculate time variables; Updated iLLDs to v1.0.1.12.1	
STM_System_Time_1_KIT_TC297_TFT	V1.0.1	**Type**	
		Code example	
		Known Issues	
		None	
		Release Changes	
		V1.0.1: Updated code to calculate time variables; Updated iLLDs to v1.0.1.12.0	
STM_System_Time_1_KIT_TC397_TFT	V1.0.1	**Type**	
		Code example	
		Known Issues	
		None	
		Release Changes	
		V1.0.1: Updated code to calculate time variables; Updated iLLDs to v1.0.1.12.1	
UART_DMA_Transfer_1_KIT_TC297_TFT	V1.0.1	**Type**	
		Code example	
		Known Issues	
		None	
		Release Changes	
		V1.0.1: Updated iLLDs to v1.0.1.12.0	

Component	Version	Specifications		
UART_DMA_Transfer_1_KIT_TC397_TFT	V1.0.1	**Type** Code example		
		Known Issues None		
		Release Changes V1.0.1: Updated iLLDs to v1.0.1.12.1		
UART_VCOM_1_KIT_TC297_TFT	V1.0.3	**Type** Code example		
		Known Issues None		
		Release Changes V1.0.1: Changed baud rate from 19200 to 115200 V1.0.2: Version number increased to be synchronized with the tutorial document V1.0.3: Updated iLLDs to v1.0.1.12.0		
UART_VCOM_1_KIT_TC397_TFT	V1.0.1	**Type** Code example		
		Known Issues None		
		Release Changes V1.0.1: Updated iLLDs to v1.0.1.12.1		
Watchdog_1 _KIT_TC297_TFT	V1.0.1	**Type** Code example		
		Known Issues None		
		Release Changes V1.0.1: Updated code to calculate time variables; Updated iLLDs to v1.0.1.12.0		
Watchdog_1 _KIT_TC397_TFT	V1.0.1	**Type** Code example		
		Known Issues None		
		Release Changes V1.0.1: Updated code to calculate time variables; Updated iLLDs to v1.0.1.12.1		

1.3 Compatibility

All the code examples are compatible with AURIX™ Development Studio V1.3.0.

2 Summary of changes

This chapter describes the fixes for issues from previous version(s).

Version 1.0.5:

- Examples updated:

  o ADC_Background_Scan_1_KIT_TC297_TFT (V1.0.1), ADC_Filtering_1_KIT_TC297_TFT (V1.0.1), ADC_Filtering_1_KIT_TC397_TFT (V1.0.1), ADC_Group_Scan_1_KIT_TC297_TFT (V1.0.2), ADC_Queued_Scan_1_KIT_TC297_TFT (V1.0.1), ADC_Queued_Scan_1_KIT_TC397_TFT (V1.0.1), ADC_Single_Channel_1_KIT_TC297_TFT (V1.0.1), ADC_Single_Channel_1_KIT_TC397_TFT (V1.0.1), ASCLIN_LIN_Master_1_KIT_TC297_TFT (V1.0.1), ASCLIN_LIN_Master_1_KIT_TC397_TFT (V1.0.1), ASCLIN_Shell_UART_1_KIT_TC237_TFT (V1.0.1), ASCLIN_Shell_UART_1_KIT_TC275_SB (V1.0.1), ASCLIN_Shell_UART_1_KIT_TC277_TFT (V1.0.1), ASCLIN_Shell_UART_1_KIT_TC297_TFT (V1.0.2), ASCLIN_Shell_UART_1_KIT_TC397_TFT (V1.0.1), ASCLIN_SPI_Master_1_KIT_TC297_TFT (V1.0.1), ASCLIN_SPI_Master_1_KIT_TC397_TFT (V1.0.1), ASCLIN_UART_1_KIT_TC297_TFT (V1.0.1), ASCLIN_UART_1_KIT_TC397_TFT (V1.0.1), Assembly_C_Code_1_KIT_TC297_TFT(V1.0.1), Assembly_C_Code_1_KIT_TC397_TFT (V1.0.1), Blinky_LED_1_KIT_TC234_TFT (V1.0.1), Blinky_LED_1_KIT_TC237_TFT (V1.0.1), Blinky_LED_1_KIT_TC265_TFT (V1.0.1), Blinky_LED_1_KIT_TC275_LK (V1.0.1), Blinky_LED_1_KIT_TC275_SB (V1.0.1), Blinky_LED_1_KIT_TC277_TFT (V1.0.1), Blinky_LED_1_KIT_TC297_TFT (V1.0.1), Blinky_LED_1_KIT_TC397_TFT (V1.0.1), BUS_Register_Protection_1_KIT_TC297_TFT (V1.0.1), BUS_Register_Protection_1_KIT_TC397_TFT (V1.0.1), CCU_Clock_1_KIT_TC397_TFT (V1.0.1), CCU6_ADC_1_KIT_TC297_TFT (V1.0.2), CCU6_Interrupt_1_KIT_TC297_TFT (V1.0.1), CCU6_Interrupt_1_KIT_TC397_TFT (V1.0.1), CCU6_PWM_Capture_1_KIT_TC297_TFT (V1.0.1), CCU6_PWM_Capture_1_KIT_TC397_TFT (V1.0.1), CCU6_PWM_Generation_1_KIT_TC297_TFT (V1.0.1), CCU6_PWM_Generation_1_KIT_TC397_TFT (V1.0.1), CPU_Perf_Counters_1_KIT_TC297_TFT (V1.0.1), CPU_Perf_Counters_1_KIT_TC397_TFT (V1.0.1), CPU_Trap_Recognition_1_KIT_TC297_TFT (V1.0.1), DMA_ADC_Transfer_1_KIT_TC297_TFT (V1.0.2), DMA_Linked_List_Mode_1_KIT_TC297_TFT (V1.0.1), DMA_Linked_List_Mode_1_KIT_TC397_TFT (V1.0.1), DMA_Mem_to_Mem_1_KIT_TC297_TFT (V1.0.2), DMA_Mem_to_Mem_1_KIT_TC397_TFT(V1.0.1), DSADC_1_KIT_TC297_TFT (V1.0.1), ERU_Interrupt_1_KIT_TC297_TFT (V1.0.1), ERU_Interrupt_1_KIT_TC397_TFT (V1.0.1), FCE_CRC_1_KIT_TC297_TFT (V1.0.1), FCE_CRC_1_KIT_TC397_TFT (V1.0.1), Flash_Programming_1_KIT_TC297_TFT (V1.0.1), Flash_Programming_1_KIT_TC397_TFT (V1.0.1), GPIO_LED_Button_1_KIT_TC297_TFT (V1.0.1), GPIO_LED_Button_1_KIT_TC397_TFT (V1.0.1), GPT12_PWM_Capture_1_KIT_TC297_TFT (V1.0.1), GPT12_PWM_Capture_1_KIT_TC397_TFT (V1.0.1), GPT12_PWM_Generation_1_KIT_TC297_TFT (V1.0.1), GPT12_PWM_Generation_1_KIT_TC397_TFT (V1.0.1), GPT12_Timer_Concatenation_1_KIT_TC297_TFT (V1.0.1), GPT12_Timer_Concatenation_1_KIT_TC397_TFT (V1.0.1), GPT12_Timer_Interrupt_1_KIT_TC297_TFT (V1.0.1), GPT12_Timer_Interrupt_1_KIT_TC397_TFT (V1.0.1), GTM_ATOM_Interrupt_1_KIT_TC297_TFT (V1.0.1), GTM_ATOM_Interrupt_1_KIT_TC397_TFT (V1.0.1), GTM_ATOM_PWM_1_KIT_TC297_TFT (V1.0.1), GTM_ATOM_PWM_1_KIT_TC397_TFT (V1.0.1), GTM_TIM_Capture_1_KIT_TC297_TFT (V1.0.1), GTM_TIM_Capture_1_KIT_TC397_TFT (V1.0.1), GTM_TOM_Interrupt_1_KIT_TC297_TFT (V1.0.1), GTM_TOM_PWM_1_KIT_TC234_TFT (V1.0.1), GTM_TOM_PWM_1_KIT_TC237_TFT

(V1.0.1), GTM_TOM_PWM_1_KIT_TC265_TFT (V1.0.1), GTM_TOM_PWM_1_KIT_TC275_LK (V1.0.1), GTM_TOM_PWM_1_KIT_TC275_SB (V1.0.1), GTM_TOM_PWM_1_KIT_TC277_TFT (V1.0.1), GTM_TOM_PWM_1_KIT_TC297_TFT (V1.0.1), GTM_TOM_PWM_1_KIT_TC397_TFT (V1.0.1), I2C_Read_Ext_Device_1_KIT_TC297_TFT (V1.0.1), I2C_Read_Ext_Device_1_KIT_TC397_TFT (V1.0.1), Interrupt_Prio_1_KIT_TC297_TFT (V1.0.1), Interrupt_Prio_1_KIT_TC397_TFT (V1.0.1), IOM_PWM_Monitor_1_KIT_TC297_TFT (V1.0.1), IOM_Signals_Comparison_1_KIT_TC297_TFT (V1.0.1), MCMCAN_1_KIT_TC397_TFT (V1.0.1), Memory_Access_Performance_1_KIT_TC297_TFT (V1.0.1), MPU_Memory_Protection_1_KIT_TC297_TFT (V1.0.1), MTU_MBIST_1_KIT_TC297_TFT (V1.0.1), MULTICAN_1_KIT_TC297_TFT (V1.0.2), MULTICAN_FD_1_KIT_TC297_TFT (V1.0.1), MULTICAN_GW_TX_FIFO_1_KIT_TC297_TFT (V1.0.1), MULTICAN_RX_FIFO_1_KIT_TC297_TFT (V1.0.1), Multicore_1_KIT_TC275_LK (V1.0.1), Multicore_1_KIT_TC275_SB (V1.0.1), Multicore_1_KIT_TC277_TFT (V1.0.1), Multicore_1_KIT_TC297_TFT (V1.0.1), Multicore_1_KIT_TC397_TFT (V1.0.1), PMS_Power_Down_Idle_1_KIT_TC397_TFT (V1.0.1), PMS_Power_Down_Sleep_1_KIT_TC397_TFT (V1.0.1), PWM_Buzzer_1_KIT_TC297_TFT (V1.0.1), PWM_Buzzer_1_KIT_TC397_TFT (V1.0.1), RAM_Run_Function_1_KIT_TC297_TFT (V1.0.1), RAM_Run_Function_1_KIT_TC397_TFT (V1.0.1), SCU_Clock_1_KIT_TC297_TFT (V1.0.1), SCU_Die_Temp_Sensor_1_KIT_TC297_TFT (V1.0.2), SCU_Die_Temp_Sensor_1_KIT_TC397_TFT (V1.0.1), SCU_Emergency_Stop_1_KIT_TC297_TFT (V1.0.1), SCU_Emergency_Stop_1_KIT_TC397_TFT (V1.0.1), SCU_Power_Down_Idle_1_KIT_TC297_TFT (V1.0.1), SCU_Power_Down_Sleep_1_KIT_TC297_TFT (V1.0.3), SCU_Power_Down_Standby_1_KIT_TC297_TFT (V1.0.1), SCU_Reset_Detection_1_KIT_TC297_TFT (V1.0.1), SMU_Emergency_Stop_Alarm_1_KIT_TC297_TFT (V1.0.1), SMU_Emergency_Stop_Alarm_1_KIT_TC397_TFT (V1.0.1), SMU_Fault_Signaling_1_KIT_TC297_TFT (V1.0.1), SMU_Fault_Signaling_1_KIT_TC397_TFT (V1.0.1), SMU_IR_Alarm_1_KIT_TC297_TFT (V1.0.1), SMU_IR_Alarm_1_KIT_TC397_TFT (V1.0.1), SMU_Reset_Alarm_1_KIT_TC297_TFT (V1.0.1), SMU_Reset_Alarm_1_KIT_TC397_TFT (V1.0.1), SPI_CPU_1_KIT_TC297_TFT (V1.0.2), SPI_CPU_1_KIT_TC397_TFT (V1.0.1), SPI_DMA_1_KIT_TC297_TFT (V1.0.1), SPI_DMA_1_KIT_TC397_TFT (V1.0.1), STM_Interrupt_1_KIT_TC234_TFT (V1.0.2), STM_Interrupt_1_KIT_TC237_TFT (V1.0.2), STM_Interrupt_1_KIT_TC265_TFT (V1.0.2), STM_Interrupt_1_KIT_TC275_LK (V1.0.1), STM_Interrupt_1_KIT_TC275_SB (V1.0.2), STM_Interrupt_1_KIT_TC277_TFT (V1.0.2), STM_Interrupt_1_KIT_TC297_TFT (V1.0.2), STM_Interrupt_1_KIT_TC397_TFT (V1.0.1), STM_System_Time_1_KIT_TC297_TFT (V1.0.1), STM_System_Time_1_KIT_TC397_TFT (V1.0.1), UART_DMA_Transfer_1_KIT_TC297_TFT (V1.0.1), UART_DMA_Transfer_1_KIT_TC397_TFT (V1.0.1), UART_VCOM_1_KIT_TC297_TFT (V1.0.3), UART_VCOM_1_KIT_TC397_TFT (V1.0.1), Watchdog_1_KIT_TC297_TFT (V1.0.1), Watchdog_1_KIT_TC397_TFT (V1.0.1).

- Examples renamed:

  o PMS_Power_Down_Sleep_1_KIT_TC397_TFT (was SCU_Power_Down_Sleep_1_KIT_TC397_TFT)

- Added the following code examples for the board KIT_A2G_TC367_5V_TFT:

  o ASCLIN_Shell_UART_1_KIT_TC367_TFT, Blinky_LED_1_KIT_TC367_TFT, GTM_TOM_PWM_1_KIT_TC367_TFT, STM_Interrupt_1_KIT_TC367_TFT.

- Added the following code examples for the board KIT_A2G_TC375_LITE:

- ○ ASCLIN_Shell_UART_1_KIT_TC375_LK, Blinky_LED_1_KIT_TC375_LK, GTM_TOM_PWM_1_KIT_TC375_LK, Multicore_1_KIT_TC375_LK, STM_Interrupt_1_KIT_TC375_LK.

- Added the following code examples for the board KIT_A2G_TC375_ARD_SB:

  - ○ ASCLIN_Shell_UART_1_KIT_TC375_SB, Blinky_LED_1_KIT_TC375_SB, GTM_TOM_PWM_1_KIT_TC375_SB, Multicore_1_KIT_TC375_SB, STM_Interrupt_1_KIT_TC375_SB.

- Added the following code examples for the board KIT_A2G_TC377_5V_TFT:

  - ○ ASCLIN_Shell_UART_1_KIT_TC377_TFT, Blinky_LED_1_KIT_TC377_TFT, GTM_TOM_PWM_1_KIT_TC377_TFT, Multicore_1_KIT_TC377_TFT, STM_Interrupt_1_KIT_TC377_TFT.

- Added the following code examples for the board KIT_A2G_TC387_5V_TFT:

  - ○ ASCLIN_Shell_UART_1_KIT_TC387_TFT, Blinky_LED_1_KIT_TC387_TFT, GTM_TOM_PWM_1_KIT_TC387_TFT, Multicore_1_KIT_TC387_TFT, STM_Interrupt_1_KIT_TC387_TFT.

- Added the following code examples for the board KIT_A2G_TC397_5V_TFT:

  - ○ CCU6_ADC_1_KIT_TC397_TFT, CPU_Trap_Recognition_1_KIT_TC397_TFT, DMA_ADC_Transfer_1_KIT_TC397_TFT, EDSADC_1_KIT_TC397_TFT, GTM_TOM_Interrupt_1_KIT_TC397_TFT, MCMCAN_FD_1_KIT_TC397_TFT, Memory_Access_Performance_1_KIT_TC397_TFT, MPU_Memory_Protection_1_KIT_TC397_TFT.

- Added the following code examples for the board KIT_AURIX_TC275_LITE:

  - ○ ASCLIN_Shell_UART_1_KIT_TC275_LK.

Version 1.0.4:

- Added the following code examples for the board KIT_AURIX_TC297_TFT:

  - ○ MPU_Memory_Protection_1_KIT_TC297_TFT, MULTICAN_RX_FIFO_1_KIT_TC297_TFT.

- Added the following code examples for the board KIT_AURIX_TC275_LITE:

  - ○ Blinky_LED_1_KIT_TC275_LK, GTM_TOM_PWM_1_KIT_TC275_LK, Multicore_1_KIT_TC275_LK, STM_Interrupt_1_KIT_TC275_LK.

- Added the following code examples for the board KIT_A2G_TC397_5V_TFT:

  - ○ ADC_Filtering_1_KIT_TC397_TFT, ADC_Queued_Scan_1_KIT_TC397_TFT, ADC_Single_Channel_1_KIT_TC397_TFT, MCMCAN_1_KIT_TC397_TFT.

Version 1.0.3:

- Added the following code examples for the board KIT_A2G_TC397_5V_TFT:

    o ASCLIN_LIN_Master_1_KIT_TC397_TFT, ASCLIN_Shell_UART_1_KIT_TC397_TFT,
      ASCLIN_SPI_Master_1_KIT_TC397_TFT, ASCLIN_UART_1_KIT_TC397_TFT,
      Assembly_C_Code_1_KIT_TC397_TFT, Blinky_LED_1_KIT_TC397_TFT,
      BUS_Register_Protection_1_KIT_TC397_TFT, CCU_Clock_1_KIT_TC397_TFT,
      CCU6_Interrupt_1_KIT_TC397_TFT, CCU6_PWM_Capture_1_KIT_TC397_TFT,
      CCU6_PWM_Generation_1_KIT_TC397_TFT, CPU_Perf_Counters_1_KIT_TC397_TFT,
      DMA_Linked_List_Mode_1_KIT_TC397_TFT, DMA_Mem_to_Mem_1_KIT_TC397_TFT,
      ERU_Interrupt_1_KIT_TC397_TFT, FCE_CRC_1_KIT_TC397_TFT,
      Flash_Programming_1_KIT_TC397_TFT, GPIO_LED_Button_1_KIT_TC397_TFT,
      GPT12_PWM_Capture_1_KIT_TC397_TFT, GPT12_PWM_Generation_1_KIT_TC397_TFT,
      GPT12_Timer_Concatenation_1_KIT_TC397_TFT, GPT12_Timer_Interrupt_1_KIT_TC397_TFT,
      GTM_ATOM_Interrupt_1_KIT_TC397_TFT, GTM_ATOM_PWM_1_KIT_TC397_TFT,
      GTM_TIM_Capture_1_KIT_TC397_TFT, GTM_TOM_PWM_1_KIT_TC397_TFT,
      I2C_Read_Ext_Device_1_KIT_TC397_TFT, Interrupt_Prio_1_KIT_TC397_TFT,
      Multicore_1_KIT_TC397_TFT, PMS_Power_Down_Idle_1_KIT_TC397_TFT,
      PWM_Buzzer_1_KIT_TC397_TFT, RAM_Run_Function_1_KIT_TC397_TFT,
      SCU_Die_Temp_Sensor_1_KIT_TC397_TFT, SCU_Emergency_Stop_1_KIT_TC397_TFT,
      SCU_Power_Down_Sleep_1_KIT_TC397_TFT,
      SMU_Emergency_Stop_Alarm_1_KIT_TC397_TFT, SMU_Fault_Signaling_1_KIT_TC397_TFT,
      SMU_IR_Alarm_1_KIT_TC397_TFT, SMU_Reset_Alarm_1_KIT_TC397_TFT,
      SPI_CPU_1_KIT_TC397_TFT, SPI_DMA_1_KIT_TC397_TFT, STM_Interrupt_1_KIT_TC397_TFT,
      STM_System_Time_1_KIT_TC397_TFT, UART_DMA_Transfer_1_KIT_TC397_TFT,
      UART_VCOM_1_KIT_TC397_TFT, Watchdog_1 _KIT_TC397_TFT.

- Added the following code examples for the board KIT_AURIX_TC297_TFT:

    o ADC_Filtering_1_KIT_TC297_TFT, ADC_Queued_Scan_1_KIT_TC297_TFT,
      Assembly_C_Code_1_KIT_TC297_TFT, GPT12_PWM_Generation_1_KIT_TC297_TFT,
      Memory_Access_Performance_1_KIT_TC297_TFT

- Examples updated:

    o DMA_Mem_to_Mem_1_KIT_TC297_TFT (V1.0.1), SCU_Power_Down_Sleep_1_KIT_TC297_TFT
      (V1.0.2), STM_Interrupt_1_KIT_TC234_TFT (V1.0.1) , STM_Interrupt_1_KIT_TC237_TFT (V1.0.1),
      STM_Interrupt_1_KIT_TC265_TFT (V1.0.1) , STM_Interrupt_1_KIT_TC275_SB (V1.0.1),
      STM_Interrupt_1_KIT_TC277_TFT (V1.0.1), STM_Interrupt_1_KIT_TC297_TFT (V1.0.1),
      UART_VCOM_1_KIT_TC297_TFT (V1.0.2)

Version 1.0.2:

- Updated the name of all the code examples developed for the board KIT_AURIX_TC297_TFT to end with
  the suffix "_KIT_TC297_TFT"

- Added the following code examples for the board KIT_AURIX_TC297_TFT:

    o ADC_Single_Channel_1_KIT_TC297_TFT, BUS_Register_Protection_1_KIT_TC297_TFT,
      CPU_Trap_Recognition_1_KIT_TC297_TFT, Flash_Programming_1_KIT_TC297_TFT,

GPT12_Timer_Interrupt_1_KIT_TC297_TFT, SCU_Power_Down_Standby_1_KIT_TC297_TFT, SMU_Fault_Signaling_1_KIT_TC297_TFT, STM_System_Time_1_KIT_TC297_TFT

- Added the following code examples for the board KIT_AURIX_TC234_TFT:

  o Blinky_LED_1_KIT_TC234_TFT, GTM_TOM_PWM_1_KIT_TC234_TFT, STM_Interrupt_1_KIT_TC234_TFT

- Added the following code examples for the board KIT_AURIX_TC237_TFT:

  o ASCLIN_Shell_UART_1_KIT_TC237_TFT, Blinky_LED_1_KIT_TC237_TFT, GTM_TOM_PWM_1_KIT_TC237_TFT, STM_Interrupt_1_KIT_TC237_TFT

- Added the following code examples for the board KIT_AURIX_TC265_TFT:

  o Blinky_LED_1_KIT_TC265_TFT, GTM_TOM_PWM_1_KIT_TC265_TFT, STM_Interrupt_1_KIT_TC265_TFT

- Added the following code examples for the board KIT_AURIX_TC275_SB:

  o ASCLIN_Shell_UART_1_KIT_TC275_SB, Blinky_LED_1_KIT_TC275_SB, GTM_TOM_PWM_1_KIT_TC275_SB, Multicore_1_KIT_TC275_SB, STM_Interrupt_1_KIT_TC275_SB

- Added the following code examples for the board KIT_AURIX_TC277_TFT:

  o ASCLIN_Shell_UART_1_KIT_TC277_TFT, Blinky_LED_1_KIT_TC277_TFT, GTM_TOM_PWM_1_KIT_TC277_TFT, Multicore_1_KIT_TC277_TFT, STM_Interrupt_1_KIT_TC277_TFT

- examples updated (all to version V1.0.1):

  o ADC_Group_Scan_1_KIT_TC297_TFT, ASCLIN_Shell_UART_1_KIT_TC297_TFT, CCU6_ADC_1_KIT_TC297_TFT, DMA_ADC_Transfer_1_KIT_TC297_TFT, SCU_Die_Temp_Sensor_1_KIT_TC297_TFT, SPI_CPU_1_KIT_TC297_TFT, SCU_Power_Down_Sleep_1_KIT_TC297_TFT, UART_VCOM_1_KIT_TC297_TFT

Version 1.0.1:

- Added the following code examples: ADC_Background_Scan_1, ADC_Group_Scan_1, Blinky_LED_1, CCU6_ADC_1, CCU6_PWM_Capture_1, GTM_TIM_Capture_1, GTM_TOM_PWM_1, IOM_PWM_Monitor_1, IOM_Signals_Comparison_1, MTU_MBIST_1, MULTICAN_FD_1, Multicore_1, RAM_Run_Function_1, SCU_Power_Down_Idle_1, SCU_Power_Down_Sleep_1, SPI_DMA_1, Watchdog_1

- MULTICAN_1 updated to version V1.0.1

3 Limitations and deviations

This chapter describes the limitations and deviations due to software/hardware design constraints.

3.1 Limitations

There are no limitations towards the established usage of the projects for the purpose of demonstrating AURIX™ TC2xx, AURIX™ TC3xx microcontroller hardware and software products.

3.2 Deviations

There are no deviations towards the established usage of the projects for the purpose of demonstrating AURIX™ TC2xx, AURIX™ TC3xx microcontroller hardware and software products.

3.2.1 HIS-MISRA violations

Not applicable for this product.

4 Installation

Please refer to the **Infineon-AURIX_Getting_Started_with_AURIX_Development_Studio-EN.pdf** document, which can be found at http://www.infineon.com/aurixdevelopmentstudio .

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