

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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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	Туре
		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	Туре
		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	Туре
		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	Туре
		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.

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Component	Version	Specifications
		V1.0.2: Updated iLLDs to v1.0.1.12.0
ADC_Queued_Scan_1_KIT_TC297_TFT	V1.0.1	Туре
		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	Туре
		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	Туре
		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	Туре
		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	Туре
		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	Туре
		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	Туре
		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	Туре
		Code example
		Known Issues
		None
ASCLIN_Shell_UART_1_KIT_TC275_SB	V1.0.1	Туре
		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	Туре
		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	Туре
		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	Туре
		Code example
		Known Issues
		None
ASCLIN_Shell_UART_1_KIT_TC375_LK	V1.0.0	Туре
		Code example
		Known Issues
		None
ASCLIN_Shell_UART_1_KIT_TC375_SB	V1.0.0	Туре

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Component	Version	Specifications
		Code example
		Known Issues
		None
ASCLIN_Shell_UART_1_KIT_TC377_TFT	V1.0.0	Туре
		Code example
		Known Issues
		None
ASCLIN_Shell_UART_1_KIT_TC387_TFT	V1.0.0	Туре
		Code example
		Known Issues
		None
ASCLIN_Shell_UART_1_KIT_TC397_TFT	V1.0.1	Туре
		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	Туре
		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	Туре
		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	Туре
		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	Туре
		Code example
		Known Issues
		None
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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	Туре
		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	Туре
		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	Туре
		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	Туре
		Code example
		Known Issues
		None
		Release Changes
		V1.0.1: Updated code to calculate time
Dialo, LED 1 MIT TOOCE TET	V1 0 1	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
5y_LLD_1	V 1.0.1	Code example
		Known Issues
		None
		Release Changes

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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	Туре
		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	Туре
		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	Туре
		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	Туре
		Code example
		Known Issues
		None
Blinky_LED_1_KIT_TC375_LK	V1.0.0	Туре
		Code example
		Known Issues
		None
Blinky_LED_1_KIT_TC375_SB	V1.0.0	Туре
		Code example
		Known Issues
_		None
Blinky_LED_1_KIT_TC377_TFT	V1.0.0	Туре
		Code example
		Known Issues
		None
Blinky_LED_1_KIT_TC387_TFT	V1.0.0	Туре
		Code example

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Component	Version	Specifications
		Known Issues
		None
Blinky_LED_1_KIT_TC397_TFT	V1.0.1	Туре
		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	Туре
		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	Туре
		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	Туре
		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	Туре
		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	Туре
		Code example
		Known Issues
		None
CCU6_Interrupt_1_KIT_TC297_TFT	V1.0.1	Туре
		Code example

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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	Туре
·		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	Туре
		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	Туре
		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	Туре
		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	Туре
		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

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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	Туре
		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	Туре
		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	Туре
		Code example
		Known Issues
		None
DMA_ADC_Transfer_1_KIT_TC297_TFT	V1.0.2	Туре
		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	Туре
		Code example
		Known Issues
		None
DMA_Linked_List_Mode_1_KIT_TC297_TFT	V1.0.1	Туре
		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	Туре
		Code example

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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	Туре
		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	Туре
		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	Туре
		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	Туре
		Code example
		Known Issues
		None
ERU_Interrupt_1_KIT_TC297_TFT	V1.0.1	Туре
		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	Туре
		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	Туре
		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	Туре
		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	Туре
_		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	Туре
		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	Туре
		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	Туре
		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	Туре
·		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	Туре
		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	Туре
		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	Туре
		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	Туре
		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	Туре
		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	Туре
		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	Туре
		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	Туре
		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	Туре
		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	Туре
	1 - 1 - 1	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	Туре
		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	Туре
		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	Туре
		Code example

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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	Туре
		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	Туре
		Code example
		Known Issues
		None
GTM_TOM_PWM_1_KIT_TC234_TFT	V1.0.1	Туре
		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	Туре
		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	Туре
		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	Туре
		Code example
		Known Issues
		None
		Release Changes

Release Notes



V1.0.1: Updated code to calculate time variables; Updated iLLDs to v1.0.1.12.0	Component	Version	Specifications
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Release Notes



Component	Version	Specifications
		Known Issues
		None
GTM_TOM_PWM_1_KIT_TC397_TFT	V1.0.1	Туре
		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	Туре
		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	Туре
		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	Туре
		Code example
		Known Issues
		None
		Release Changes
laterweet Drie 1 I/IT TC207 TET	V1 0 1	V1.0.1: Updated iLLDs to v1.0.1.12.0
Interrupt_Prio_1_KIT_TC397_TFT	V1.0.1	Type Code evample
		Code example Known Issues
		None
		Release Changes V1.0.1: Updated iLLDs to v1.0.1.12.1
IOM DWM Monitor 1 KIT TC207 TET	V1.0.1	·
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

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Component	Version	Specifications
IOM_Signals_Comparison_1_KIT_TC297_TFT	V1.0.1	Туре
		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	Туре
		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	Туре
		Code example
		Known Issues
		None
Memory_Access_Performance_1_KIT_TC297_TFT	V1.0.1	Туре
		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	Туре
		Code example
		Known Issues
		None
MPU_Memory_Protection_1_KIT_TC297_TFT	V1.0.1	Туре
		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	Туре
		Code example

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Component	Version	Specifications
		Known Issues
		None
MTU_MBIST_1_KIT_TC297_TFT	V1.0.1	Туре
		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	Туре
		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
MOLTICAN_ID_1_KIT_TC297_TTT	V1.0.1	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
MOE116/M_GW_1/_111 O_1_1 G231_11 1	V1.0.1	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
MOLITEAN_IXI_III O_I_KII_I C231_II I	V1.0.1	Code example
		Known Issues
		None
		Release Changes
		V1.0.1: Updated iLLDs to v1.0.1.12.0
Multicoro 1 KIT TC275 LK	V1.0.1	·
Multicore_1_KIT_TC275_LK	V1.0.1	Type Code example
		Known Issues
		None
		Release Changes

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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
Multicore_1_KIT_TC275_SB			V1.0.1: Updated code to calculate time
Code example Known Issues			variables; Updated iLLDs to v1.0.1.12.0
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_TC275_SB	V1.0.1	Туре
None Release Changes V1.0.1: Updated code to calculate time variables; Updated iLLDs to v1.0.1.12.0			Code example
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 Multicore_1_KIT_TC375_LK V1.0.0 Multicore_1_KIT_TC375_SB V1.0.0 Multicore_1_KIT_TC375_SB V1.0.0 Multicore_1_KIT_TC375_TFT V1.0.0 Multicore_1_KIT_TC375_TFT V1.0.0 Type Code example Known Issues None V1.0.0 Type Code example Known Issues None Multicore_1_KIT_TC375_TFT 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 Known Issues None Multicore_1_KIT_TC397_TFT V1.0.1 Type Code example Known Issues None			Known Issues
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Code example Known Issues			variables; Updated iLLDs to v1.0.1.12.0
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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 Type Code example Type Type Type Type Type Type Type Typ			Code example
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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	Multicore_1_KIT_TC377_TFT	V1.0.0	Туре
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
Multicore_1_KIT_TC387_TFT V1.0.0 Type Code example Known Issues None Multicore_1_KIT_TC397_TFT V1.0.1 Type			Known Issues
Code example Known Issues None Multicore_1_KIT_TC397_TFT V1.0.1 Type			None
Known Issues None Multicore_1_KIT_TC397_TFT V1.0.1 Type	Multicore_1_KIT_TC387_TFT	V1.0.0	Туре
Multicore_1_KIT_TC397_TFT V1.0.1 Type			Code example
Multicore_1_KIT_TC397_TFT V1.0.1 Type			Known Issues
			None
Code example	Multicore_1_KIT_TC397_TFT	V1.0.1	Туре
			Code example

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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	Туре
		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	Туре
		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	Туре
		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	Туре
		Code example
		Known Issues
		None
		Release Changes
		V1.0.1: Updated code to calculate time
DAM B. F. II. 1 MIT TOORT TET	V4.0.4	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
	1/4 0 1	V1.0.1: Updated iLLDs to v1.0.1.12.0
RAM_Run_Function_1_KIT_TC397_TFT	V1.0.1	Туре
		Code example
		Known Issues
		None

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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	Туре
		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	Туре
		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	Туре
		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	Туре
		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	Туре
		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	Туре
		Code example
		Known Issues
		None
		Release Changes

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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	Туре
·		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	Туре
		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	Туре
		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	Туре
		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	Туре
		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	Туре
		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
SMU_Fault_Signaling_1_KIT_TC397_TFT	V1.0.1	Туре
		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	Туре
		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	Туре
		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	Туре
		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	Туре
		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	Туре
		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	Туре
		Code example

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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	Туре
		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	Туре
		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	Туре
		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	Туре
		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
CTM Interrupt 1 I/IT TC2CE TET	V1 0 2	
STM_Interrupt_1_KIT_TC265_TFT	V1.0.2	Type Code example
		Code example Known Issues
		None Palessa Changes
		Release Changes V1.0.2: Updated code to calculate time

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Version	Specifications
	V1.0.1: Version number increased to be synchronized with the tutorial document
V1.0.1	Туре
11.0.1	Code example
	Known Issues
	None
	Release Changes
	V1.0.1: Updated code to calculate time
	variables; Updated iLLDs to v1.0.1.12.0
V1.0.2	Туре
	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
V1.0.2	Туре
	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
V1 0 2	Type
V1.0.2	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
V1.0.0	synchronized with the tutorial document Type
V1.0.0	
V1.0.0	Туре
V1.0.0	Type Code example
V1.0.0 V1.0.0	Type Code example Known Issues
	V1.0.1

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Component	Version	Specifications
		Known Issues
		None
STM_Interrupt_1_KIT_TC375_SB	V1.0.0	Туре
		Code example
		Known Issues
		None
STM_Interrupt_1_KIT_TC377_TFT	V1.0.0	Туре
		Code example
		Known Issues
		None
STM_Interrupt_1_KIT_TC387_TFT	V1.0.0	Туре
		Code example
		Known Issues
		None
STM_Interrupt_1_KIT_TC397_TFT	V1.0.1	Туре
		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	Туре
		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	Туре
		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	Туре
		Code example
		Known Issues
		None
		Release Changes
		V1.0.1: Updated iLLDs to v1.0.1.12.0

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Version	Specifications
V1.0.1	Туре
	Code example
	Known Issues
	None
	Release Changes
	V1.0.1: Updated iLLDs to v1.0.1.12.1
V1.0.3	Туре
	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
V1.0.1	Туре
	Code example
	Known Issues
	None
	Release Changes
	V1.0.1: Updated iLLDs to v1.0.1.12.1
V1.0.1	Туре
	Code example
	Known Issues
	None
	Release Changes
	V1.0.1: Updated code to calculate time
	variables; Updated iLLDs to v1.0.1.12.0
V1.0.1	Туре
	Code example
	I and the second
	Known Issues
	Known Issues None
	V1.0.1 V1.0.1

Compatibility 1.3

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

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Summary of changes 2

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

Version 1.0.5:

- Examples updated:
 - 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

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(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).
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Examples renamed:

- 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:
 - 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:

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- 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:
 - o 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.

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- Added the following code examples for the board KIT_A2G_TC397_5V_TFT:
 - 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:
 - 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:
 - 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:
 - 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,

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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:
 - 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:
 - 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:
 - 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:
 - 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:
 - 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):
 - 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

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Limitations and deviations 3

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

Limitations 3.1

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.

HIS-MISRA violations 3.2.1

Not applicable for this product.

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Installation 4

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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