> Home   > Products   > Evaluation Boards   > KIT_TC1797_SK

KIT_TC1797_SK

Overview

Parametrics

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Description:

Starter Kit TC1797, TC1197

Order Nr.: KIT_TC1797_SK   **Price:** 600,- EUR   **Buy Online**

For evaluation kit for the TC1197/TC1797 including Getting Started, technical documentation, evaluation versions for compiler and debugger, USB cable, power supply and extension board

Including:

- TriBoard Hardware
- USB cable
- Power Supply
- Extension Board
- Free TriCore Entry Tool Chain

Summary of Features:

On-Chip Memory:

- 4 MByte embedded program flash with ECC,
- 16 KByte EEPROM (emulated by 64KByte data Flash),
- 156 KByte on-chip SRAM,

- 4KByte data cache,
- 16 KByte instruction cache.

On-Boards Memory:
- Burst FLASH up to 16 MBytes (default: 4 MBytes),
- asynchronous SRAM up to 1MBytes (default),
- optional synchronous SRAM up to 8 MBytes.

Interfaces:
– One USB connector for ASC0 Interface via virtual COM port, JTAG (OCDS Level1)
– 16-pin header for JTAG interface (OCDS Level 1)
– 10-pin header for DAB
– 2 x 10pin (2x5) header for CAN High Speed Transceiver (CAN0 and CAN1)
– 2 x SUB-D9 Plug connector for FlexRay
– Four 80-pin connectors (male) + four 80-pin connectors (female) with all I/O
– ETK connector (optional)

Components:
– Infineon's Next generation micro controller supply TLE 7368 G
– 2 x Infineon's High Speed CAN-Transceiver TLE 6250 GV33
– USB to UART bridge FT2232D (FTDI)
– SPI EEPROM (Atmel)
– 2 x FlexRay Transceiver AS8221(AMS) or TJA1080 (NXP)
– Three LEDs to validate power supply (5Volt / 3,3 Volt / 1,5 Volt)
– LED indicating /HDRST (ESR0) active state
– LED indicating active miniWiggler
– LED switched via DAS software
– 8 general purpose LEDs
– Reset switch
– 8-pin Dip switch (Hardware Boot Configuration)

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Price: 600,- EUR

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How to order?

Buy Online

or please contact your local distributor: http://www.infineon.com/distribution.

Solution Finder

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Voltage   Select V_{DS} [V]

I_D (max)   ≥ 5   A

$R_{DS(on)}$ (max) < 500   mΩ

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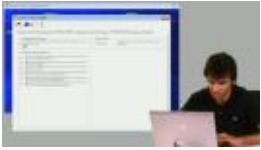
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Parametric	KIT_TC1797_SK
Product Name	Starter KIT TC1797
Configuration	TC1197
Configuration	TC1797
Family	Microcontroller
Target Application	Automotive
Target Application	Motor Control & Drives
Type	Evaluation Board

Sales Product Name	KIT_TC1797_SK
OPN	KITTC1797SKTOBO1
Product Status	active and preferred
Order online	
Package Name	--
Completely lead free	
Halogen free	
RoHS compliant	yes
Packing Size	1
Packing Type	CONTAINER

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TriCore™ Free Tool Chain Tutorial

The gain in performance and feature set of modern microcontrollers lead to inevitable increase of complexity. To cope with this Infineon offers free and a complete tool chain that help customers in their development from initialization with an intuitive graphical user interface to extensive on chip debugging.
Length 14:07

Find an answer to your question

Infineon welcomes your comments and questions.

If you have any questions concerning our products, please fill out the following form. Your inquiry will be sent to the appropriate specialist who will be in touch with you as soon as possible.

You will receive a confirmation E-mail to validate your address in our system. Any attached file to the reply which will help to support your inquiry is highly appreciated.

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