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KIT_AURIX_TC265_TFT

Overview

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Description:

AURIX™ Application Kit TC265 TFT

Low-cost and flexible application development platform for the 32-bit AURIX™ multi-core TriCore™ family. To simplify the development of your own application, the kit is supplied with a variety of on-board components including a highly integrated software development environment that gives you everything you need to compile, debug, and flash your AURIX™ multi-core application.

Order Nr.: KIT_AURIX_TC265_TFT

Price:

Buy Online

MCU Derivate: TC26xD

- 2 x 32-bit scalar TriCore™ CPU running at up to 200 MHz in the full automotive temperature range
- Up to 2.5MB Flash and 240KB RAM

Including:

- AURIX™ Application Board
- Link to the Free TriCore Entry Tool Chain including Getting Started, first 3 steps to
- install the tools
- set up your hardware
- write, compiler and debug your first program

Summary of board features:

- LCD XGA Display 320 x240mini SD card slot
- Mini SD card slot
- Real-Time Clock with alarm, SRAM and unique Mac ID
- On board microUSB debug/flash connector
- Accustic beeper
- USB to UART bridge
- Ethernet PHY (if Ethernet is supported by device)
- LIN Transceiver
- High speed CAN Transceiver
- 4 Low power status LEDs

Connectors:

- Standard power connector
- MicroUSB
- connector for ASC0 interface and debug
- RJ45 Ehernet connector (if Ethernet supported by device)
- 10-pin header for DAP (Debug Access Port)
- 16-pin header for JTAG
- 10-pin 2x5 header for LIN
- 10-pin 2x5 header for CAN0
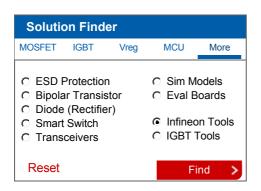- 2 x 40-pin connectors with I/O signals RM 2.54mm

Package:

LQFP-176

Target Applications:

- Steering
- Electric Brake Booster
- Brake Vehicle Stability Control
- Eletric Parking Brake
- Airbag
- Suspension
- Domain control
- Engine Management Systems
- Transmission Control Units
- Inverter
- Battery Management Systems

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