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KIT_AURIX_TC297_TFT

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Description:

AURIX™ Application Kit TC297 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_TC297_TFT

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MCU Derivate: TC297TA, TC29xT, TC29xTX
- 3 x 32-bit scalar TriCore™ CPU running at up to 300 MHz in the full automotive temperature range
- Up to 8MB Flash and 728KB 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
- Multi Voltage Safety Micro Processor Supply – TLF35584

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
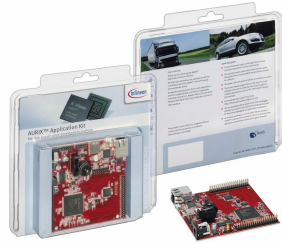- 2 x 40-pin connectors with I/O signals RM 2.54mm

Package:
LFBGA-292

Target Applications:
- Domain Control
- Advanced Drive Assistent Systems
- High end ESC
- Sensor fusion

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