

KIT_AURIX_TC222_TRB

[Overview](#)[Parametrics](#)[Order](#)[Support](#)**Description:**

AURIX™ Starter Kit TC222

Order Nr.: KIT_AURIX_TC222_TRB**Price:****MCU Derivate:** TC22xL**CPU Clock:** 133 MHz**Including:**

- Evaluation Board (TriBoard)
- USB cable
- Power Supply
- Extension Board
- Free TriCore Entry Tool Chain
- Getting Started, first 3 steps to
- install the tools
- set up your hardware
- write, compiler and debug your first program

Multiple on-chip memories:

- All embedded NVM and SRAM are ECC protected
- 1 Mbyte Program Flash Memory (PFLASH)
- 96 Kbyte Data Flash Memory (DFLASH) usable for EEPROM emulation
- 512 Kbyte Memory EEPROM Emulation Memory (EMEM)
- Boot ROM (BROM)
- 88 Kbyte Data Scratch-Pad RAM (DSPR)
- 8 Kbyte Instruction Scratch-Pad RAM (PSPR)
- 8 Kbyte Instruction Cache (ICACHE)

On Board Interfaces:

- Standard power connector
- Micro USB connector for ASC Interface (ASC0) and miniWiggler
- RJ45 connector for Ethernet
- 16-pin header for JTAG interface (OCDS)
- 10-pin header for DAP
- 10pin (2x5) Header for LIN Transceiver (LIN)
- 2 x 10pin (2x5) Header for CAN High Speed Transceiver (CAN0 and CAN1)
- Four 80-pin connectors (male) + four 80-pin connectors (female) with all I/O signals
- Optional ETK connector

Package:

TQFP-80

Target Applications:

- [Steering](#)
- [Electric Brake Booster](#)
- [Brake Vehicle Stability Control](#)
- [Electric Parking Brake](#)
- [Airbag](#)
- [Suspension](#)





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