



ArduZynq - Arduino kompatibles Xilinx Zynq-7010 FPGA module

Order number: TE0723-03M



Product information "ArduZynq - Arduino kompatibles Xilinx Zynq-7010 FPGA module"

The Trenz Electronic TE0723 is an Arduino compatible FPGA module integrating a Xilinx Zynq-7010, 512 MByte DDR3L, and 16 MByte SPI Flash Memory for configuration and operation.

The "ArduZynq" is the lowest cost, Linux ready solution to use the latest FPGA: the Xilinx Zynq 7 series. Use it as a FPGA development platform, or run Linux on the Cortex A9 cores.

All parts are at least commercial temperature range of 0°C to +70°C. The module operating temperature range depends on customer design and cooling solution. Please contact us for options.

Key Features

- Xilinx XC7Z010-1CLG225C
- Form Factor: Arduino Shield
- Dual ARM Cortex-A9
- 512 MByte DDR3L
- 16 MByte SPI Flash memory
- 12 MHz MEMS Oscillator low power consumption
- Hi-Speed USB2.0 ULPI Transceiver
- 23 FPGA I/O's available on board-to-board connectors
- MicroSD Card socket
- Micro USB OTG
- RGB LED (PL I/O connected)
- "Done" LED (inverted polarity)
- On-board USB JTAG and UART
- CERN Open Hardware Licence 1.2

Other assembly options for cost or performance optimization plus high volume prices available on request.

Recommended Software

Vivado HL WebPACK Edition (free Version)
All Xilinx Vivado Versions

Package Content

- 1 x TE0723-03M "ArduZynq" Module