



## Key Features

- Xilinx Zynq-7000S XC7Z007S-1CLG225C
- Form Factor: Arduino Shield
- Single-Core ARM Cortex-A9 MPCore up to 766MHz
- 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
- Linux-ready solution
- CERN Open Hardware Licence 1.2

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

## Recommended Software

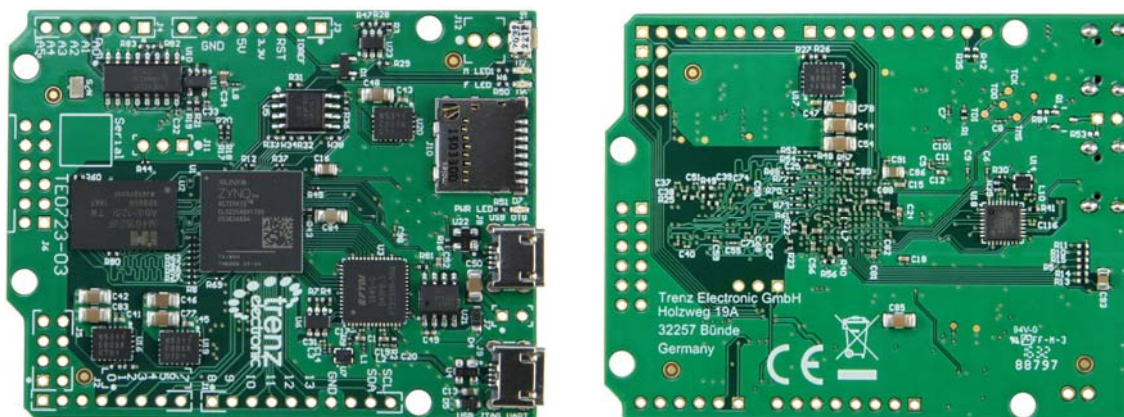
Vivado HL WebPACK Edition (free version) <https://www.xilinx.com/products/design-tools/vivado/vivado-webpack.html>

The Vivado Design Suite HL WebPACK Edition is the FREE version of the design suite. Vivado HL WebPACK delivers instant access to some basic Vivado features and functionality at no cost.

All Xilinx Vivado Versions <https://www.xilinx.com/products/design-tools/vivado.html>

## Package Content

- 1 x TE0723-03-07S-1C "ArduZynq" module with single-core ARM Cortex-A9 MPCore



[https://shop.trenz-electronic.de/en/TE0723-03-07S-1C-ArduZynq-Arduino-compatible-Module-with-Xilinx-Z-7007S-single-core-512-MB-DDR3L?path=Trenz\\_Electronic/TE0723/REV03/Documents 6-8-17](https://shop.trenz-electronic.de/en/TE0723-03-07S-1C-ArduZynq-Arduino-compatible-Module-with-Xilinx-Z-7007S-single-core-512-MB-DDR3L?path=Trenz_Electronic/TE0723/REV03/Documents%206-8-17)