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With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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Carrier board for TE0729 Zynq-7020 SoC with USB-A-Host Connector

- **Order number:** TEB0729-03A

Product information "Carrier board for TE0729 Zynq-7020 SoC with USB-A-Host Connector"

The Trenz Electronic TEB0729 carrier board was especially designed and developed for the use of Trenz Electronic module TE0729. It provides low-cost connection and extension to Trenz Electronic micromodules from the TE0729 series.

Features

- Barrel jack for 5V power supply
- 2x RJ45 10/100-BaseT Ethernet MagJack with 2 integrated LEDs
- 1x RJ45 Gigabit Ethernet MagJack with 2 integrated LEDs.
- 2x Configuration EEPROM's, connected to SoM's I²C interface
- XMOD compatible header to connect the TE0790 USB2.0 adapter board
- JTAG and UART interface over XMOD header
- MicroSD Card socket, can be used to boot system
- USB2.0 socket
- 4-bit DIP switch for SoM configuration (SoM's JTAG access and Bootmode)
- VG96 connector soldering-pads J8 for access to SoM's PL-IO-bank-pins, usable as LVDS-pairs
- VG96 connector soldering-pads J9 for access to further interfaces and IO's of the SoM
- 1 x user LED (red)
- 1 x user push-button routed to SoM (Reset function at standard configuration)
- Pin headers to set PL-IO-bank's VCCIO with jumper

Package Content

- 1 x TEB0729-03A carrier board for TE0729

Required Hardware

- Switching Power Supply 5 VDC
- XMOD FTDI JTAG Adapter (Trenz Electronic article number TE0790)

All modules produced by Trenz Electronic are developed and manufactured in Germany.