



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

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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TEBA0841 - Simple base for TE0841 and TE0741

- **Order number:** TEBA0841-02

Product information "TEBA0841 - Simple base for TE0841 and TE0741"

The TEBA0841 was designed as a low-cost carrier board for Trenz Electronic TE0841 and TE0741 modules. The I/O's of the two FPGA I/O banks can be directly connected to your own circuits with the two 50-pole Pinheaders.

Features (preliminary)

- Trenz 4 x 5 Module Socket (3x Samtec LSHM Series Connectors)
- 1 x XMOD (TE0790) Pin Header
- 1 x Pin Header 16 pol. (JTAG, MGT-CLK, Boot Mode, RST, I/O's)
- 1 x Pin Header 10 pol. (SD I/O's)
- 2 x Pin Header 50 pol. (FPGA Bank I/O's and Power)
- 1 x SFP Connector
- 1 x MicroUSB
- 1 x Pin Header for FPGA Bank Power VCCIOA (M1.8VOUT, 2.5V, 3.3VOUT)
- 1 x Pin Header for FPGA Bank Power VCCIOD (M1.8VOUT, 2.5V, 3.3VOUT)
- 1 x LDO Voltage Regulator 3.3V to 2.5V
- 2 x User LED (Red/Green)

Recommended Hardware

- XMOD FTDI JTAG Adapter (see Accessories)
This adapter is not suitable for the supply of basic board + module; a power supply has to be attached separately.

Package Content

- 1 x TEBA0841-02 carrier board

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