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 seperately.

Package Content

- 1 x TEBA0841-02 carrier board

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