Overview

- **Mount.Hole 3.2mm**
- **Ethernet**
- **SDCard**
- **U_USB**
- **U_ETH-PHY**
- **U_B2B_Connector**
- **U_LED_SW_BUT**
- **U_POWER**
- **U_VG_CONN**
- **Serial**: Serialnumber 6,3 x 6.3mm
- **PM1**, **PM2**, **PM3**, **PM4**, **PM5**, **PM6**
- **TX**, **RX**, **NC**
- **TE Logo PRINT Layer**
- **XMOD-FT2232H header: JTAG and UART**
- **Serial**: Serial number

**Title**: TE0706
**Number**: TE0706
**Rev.**: 03
**Date**: 2018-12-27
**Copyright**: Trenz Electronic GmbH
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CHANGES REV01 to REV02

1) added support for 1.8V IO TE0715-30 (added 3-pin headers for variable voltage banks)
2) PWR connector type changed THT->SMD
3) swapped xmod RX <-> TX
4) added 0 ohm to disconnect CLK125 for GT module compatibility
5) changed micro-USB
6) add ferrite beads L1
7) update Razorbeam Connectors, full update lib
8) added serial number (tracebility pad)
9) added thermal vias to mounting holes

23.11.2017:
10) U8 MP5010ADQ-LF-Z replaced to MP5010BDQ-LF-Z

CHANGES REV02 to REV03

1) microSD card connector (J3) changed to industrial
2) changed PB (S2) to industrial
3) replaced input power protection
4) added jumper (J11) to select SD level shifter voltage on FPGA side
5) added power switch for SD level shifter supply voltages to ensure power sequencing of level shifter
6) replaced R5 and VBUS capacitors, add 0Ohm resistors to OTG-ID
7) replaced jumpers by SMD versions