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1 Legal information

LICENSE TERMS SEE <http://www.seng.de/license.html> or MANUAL "digital logik kernel - dlk51", CHAPTER 1. PLEASE READ LICENSE TERMS CAREFULLY BEFORE USING DELIVERED ITEMS (INCLUDING "UPDATES"). BY USING DELIVERED ITEMS, YOU ARE AGREEING TO BE BOUND BY THE TERMS OF THIS LICENSE.

IF YOU DO NOT AGREE TO THE TERMS OF THIS LICENSE DO NOT INSTALL OR OTHERWISE USE THE DELIVERED ITEMS, YOU MAY RETURN IT TO YOUR PLACE OF PURCHASE FOR A FULL REFUND.

2 Extent of delivery

- eMOD-p

3 Features

- FTDI USB FIFO FT245BM. Alternative: USB UART FT232BM
- USB connector type B
- eePROM configuration memory for FTxxxBM
- power supply via USB-bus oder 'eLAB' link
- 2 x 'eLAB' link (D0..D7, VCC, GND), (/RD, WR, /TXE, /RXE, SI/WU, /PWREN, /RSTOUT, /RESET, VCC, GND). 5V or 3V3 compatible logic-interface, configuration via jumper
- power out with MOSFET switch, controlled via FTxxxBM, via jumper connectable to VCC pins of 'eLAB' link. Optional: 2-pin screw clamp
- prototype area

4 First steps

Thank You for using one of our products. Additional information may be available at <http://www.seng.de>

4.1 Safety, electromagnetic compatibility (EMC)

This product is specified for use as **test and prototype platform for hardware and software development in laboratory environments** or for **installation in electrical appliances**. Software programmed into this product, as well as product environment, has strong influence on safety- and EMC-behaviour. Use, processing and operation of this product must be limited to trained persons or institutions and be in accordance to legal provisions, safety- and EMC-rules. This product is sensitive to ESD, handle only at static-safe workstations.

4.2 System requirements

- depending on application
- please download installation guides, drivers, programming guides, datasheets and application notes from FTDI homepage: <http://www.ftdichip.com>
- power supply via USB port or 'eLAB' link (minimum voltage 4V35, maximum voltage 5V25)

4.3 Installation

- this board can be used for FTDI USB FIFO FT245BM and USB UART FT232BM
- check type of on-board USB chip
- setup jumpers according to needs
- install link connections according to needs
- make settings according to FTDI datasheets. **Check settings !!! DISREGARDING THIS NEEDS MAY PRODUCE SEVERE DAMAGE TO "eMOD-p" BOARD**

4.4 Additional informations

- schematic eMOD-p
- applications and sources at our internet pages (<http://www.seng.de>)
- installation guides, drivers, programming guides, datasheets and application notes see FTDI homepage: <http://www.ftdichip.com>