USB-MPC-KIT

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Let your PC
Talk
I2C & MDIO

This USB to Multi-Protocol Converter (MPC) provides USB (V1.1 or V2.0) communications with I2C and MDIO devices. The provided Windows software drivers (2000 and XP) allow a user to quickly connect to a device, read/write individual registers, and execute sequences of instructions. Device Descriptor Files (DDF) allows the user to add support for new I2C and MDIO devices with easy to read text files. For advanced projects, please visit www.teamfdi.com as it provides Windows DLLs and libraries compatible with Visual C/C++ and other programming languages.
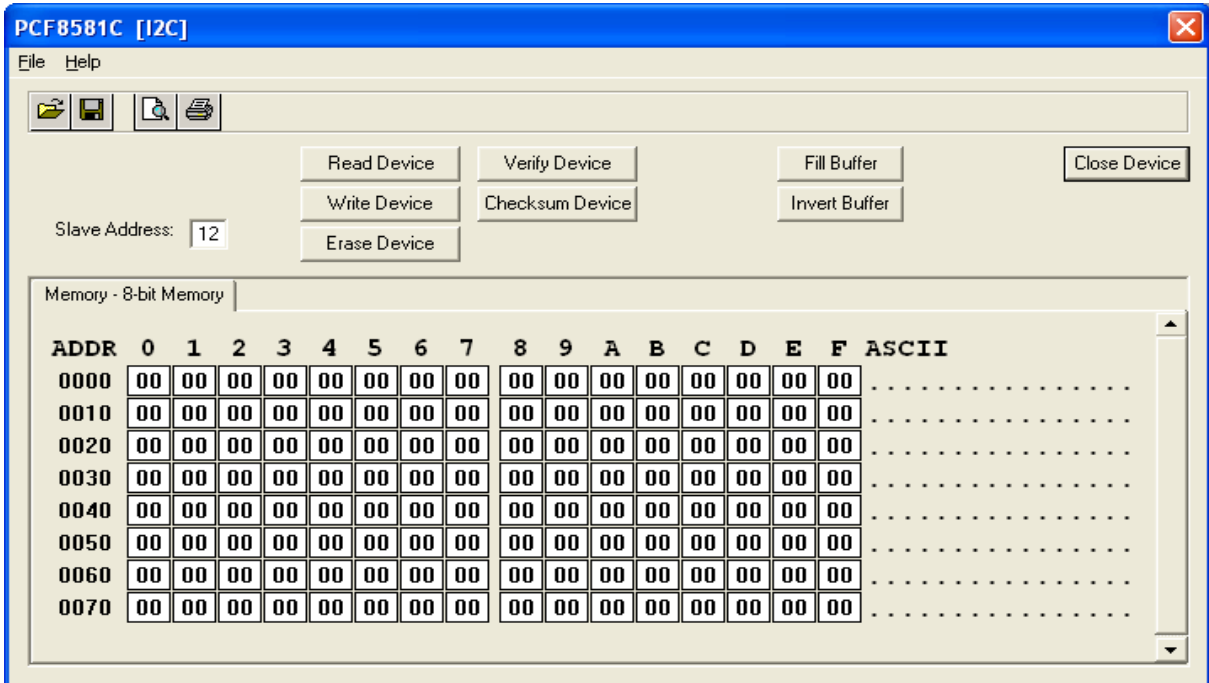
For USB-MPC software and additional information please consult our website at **www.teamfdi.com**

Highlights

- Quick Start kit for any I2C or MDIO Design

- Less than 10 minutes to
  - ♦ Load the software
  - ♦ Plug in the cable
  - ♦ Start communicating

- Low voltage I2C & MDIO support

- 100 KHz and 400 KHz I2C support

- MDIO Clause 22 and Clause 45

- USB-MPC kit includes:
  - ♦ USB-MPC
  - ♦ I2C Cable
  - ♦ MDIO Cable
  - ♦ USB Cable

- Works in these environments:
  - ♦ Microsoft Visual C++
  - ♦ Any programming software utilizing DLLs

Specifications

- **USB-MPC plugs directly into any standard PC USB Port**

- **Menus allow easy selection from a wide variety of standard I2C & MDIO peripherals**

- **MDIO & I2C supports low voltage interfaces from 3.3V to 1.8V**

- **Developer Kit uses any programming environment supporting use of DLLs**

- **MDIO support for IEEE 802/802.3 serial communication using Clause 22 & Clause 45**

- **Descriptor File (DDF) allows user to add support for new devices**

- **Sequencer allows user to setup read/write instructions to be executed in any order**

- **Included 18" I2C cable allows direct connection to the user's application or any standard NXP / Philips I2C demo board**

Screen Capture of USB-MPC Software

Ordering Information

Part Number: USB-MPC-KIT
Suggested Resale Price: $299.00 (USD)

Order online at:
www.digikey.com
www.mouser.com

Warranty: 30-day money back guarantee
Availability: Stock

(800) 278-0293 Sales
(256) 883-1241 FAX
E-mail: sales@teamfdi.com
www.teamfdi.com

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