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!

Contact us

USB-MPC-KIT

USB-MPC-KIT

Let your PC Talk I2C & MDIO

This USB to Multi-Protocol Converter (MPC) provides USB V1.1 or V2.0 FS and HS communications with I2C and MDIO devices. The Windows software drivers (2000/XP/Vista/Win7) 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.
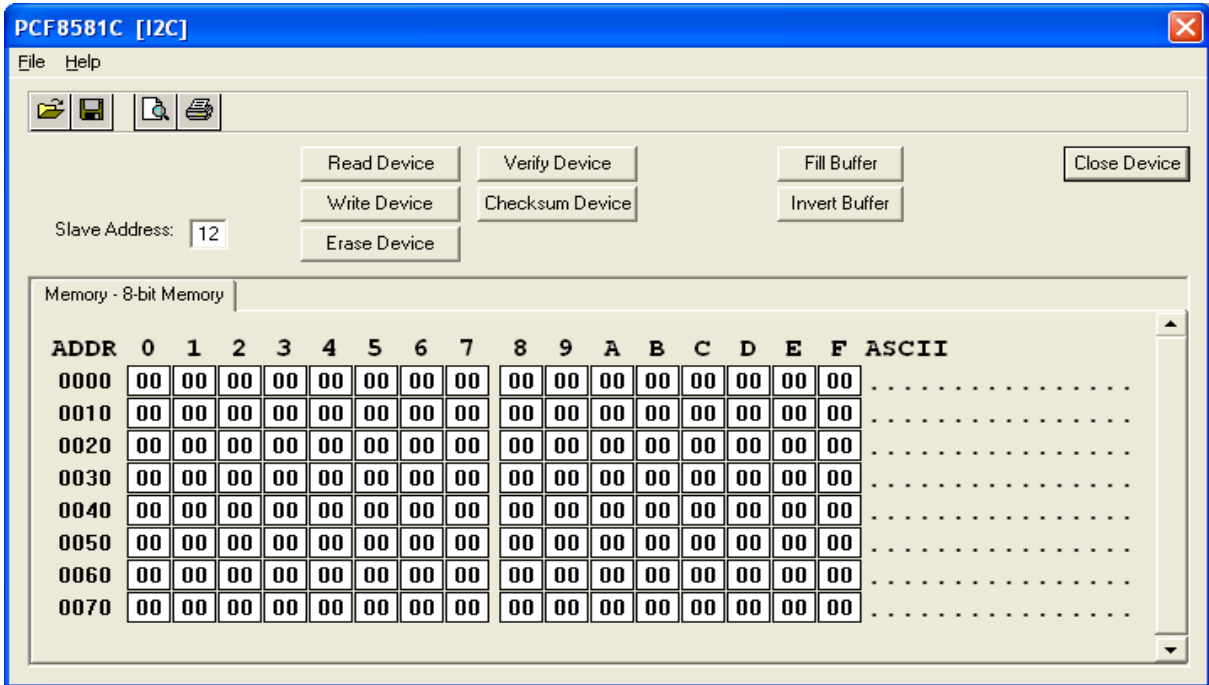
For USB-MPC software and additional information please consult our website at **www.teamfdi.com**

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 support**
  - ♦ **I2C to 3V**
  - ♦ **MDIO to 1.8V**

- **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**
  - ♦ **Available via download**
    - ❖ **Users Manual**
    - ❖ **Software Developers Manual**
    - ❖ **Software Updates**

- **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**

- **I2C & MDIO 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

Order online at:
www.digikey.com

Warranty: 30-day money back guarantee
Availability: Stock

(256) 883-1241 Phone
(256) 883-1241 FAX

www.teamfdi.com

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