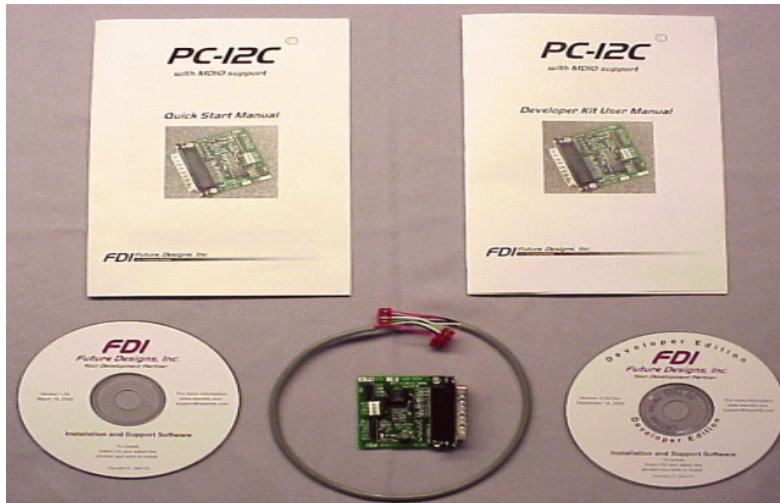# PC-I2C Software Developer Kit
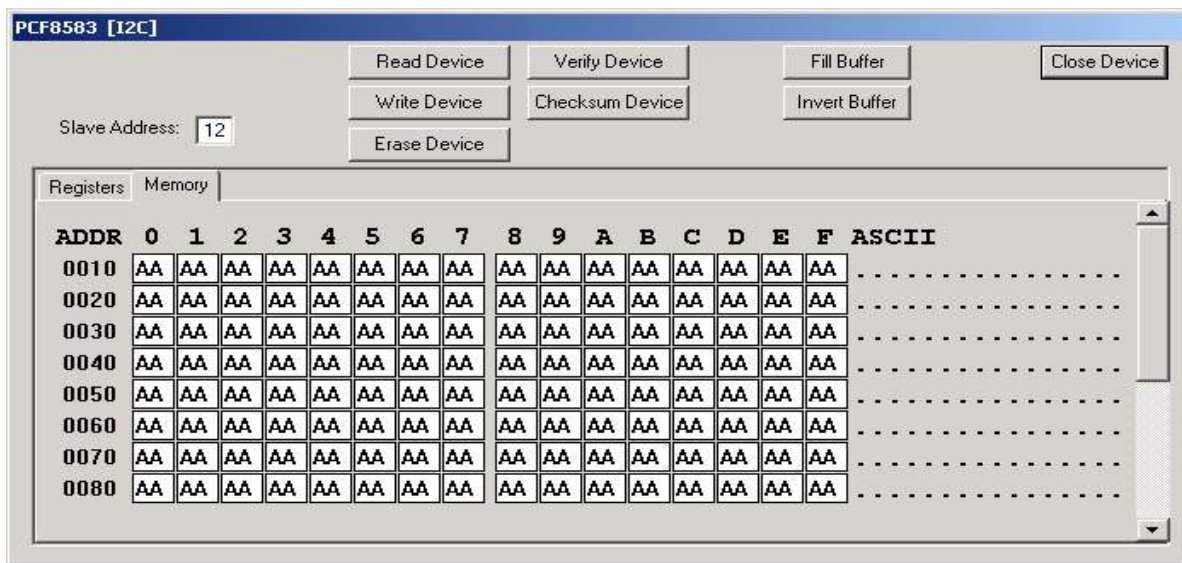

PC-I2C-DEV

Let your PC Talk I2C

This Windows-based PC to I2C communications product makes it easy to work with and develop I2C-based systems. PC-I2C-DEV allows users the option to program with Visual C/C++ or other programming environments that support DLLs. PC-I2C-DEV interfaces to the standard Parallel Port on any IBM-compatible PC and allows bi-directional communications with I2C-based peripherals. The PC-I2C-DEV software runs on Windows 9x/NT4.0/2000/XP; comes with support for MDIO, an IEEE serial communication protocol; Device Descriptor Files (DDF), ASCII files allowing the user to add support for new devices, either I2C or MDIO; and a Sequencer, which reads ASCII files allowing the user to setup multiple read/write instructions to be executed in any defined sequence.

Highlights

- Quick Start kit for any I2C Design

- Use your PC to "Talk" I2C

- Less than 10 minutes to
  - Load the software
  - Plug in the board
  - Start talking I2C

- Low voltage I2C support
- MDIO clause 22 & 45

- PC-I2C-DEV includes:
  - PC-I2C-KIT
  - DLL Example Code
  - I2C Cable

- Works in these environments:
  - Borland C/C++
  - Microsoft Visual Studio
  - Any programming software utilizing DLLs

FDI **Future Designs, Inc.**
Your Development Partner

Specifications

- PC-I2C Board plugs directly into any standard PC Printer Port

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

- NXP PC8582 EEPROM (256 x 8) is included in the kit

- On-board socket for direct connection and programming of an I2C EEPROM

- Supports low voltage I2C down to 1.2V

- I2C cable (18") included allowing direct connection to the user's application or any standard NXP I2C demo board

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

- Device 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

- User's Manual with Schematics and software included

- Developer Kit uses any programming environment supporting use of DLLs

Screen Capture of PC-I2C Rev B Software

Ordering Information

Part Number: PC-I2C-DEV (includes DLL)
Suggested Resale Price: $499.00 (USD)
Order online at:
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