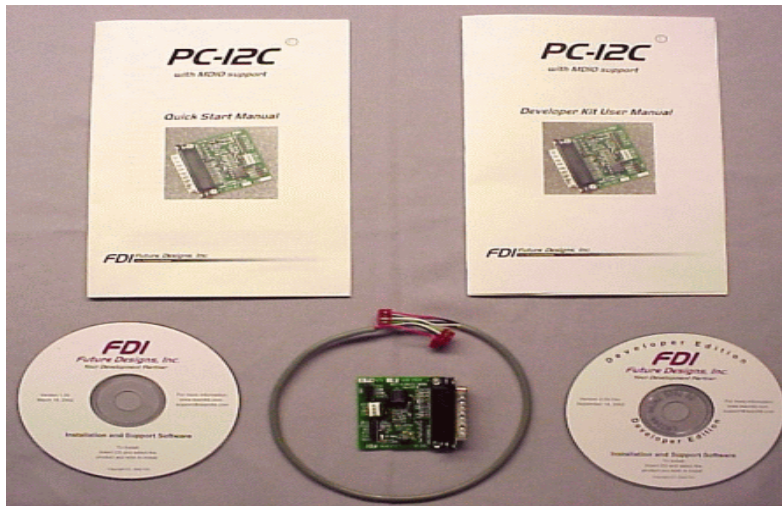


# updaPC-I2C Software Developer Kit



## PC-I2C-DEV

Let your PC

Talk

I2C



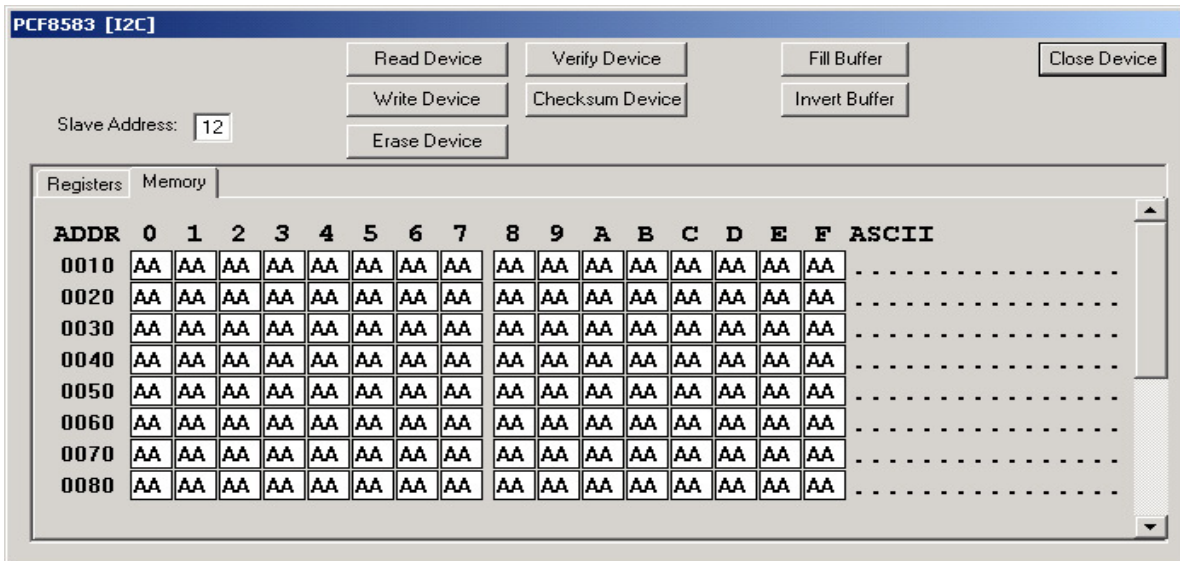
This Windows-based PC to I2C communications product makes it easy to work with and develop I2C-based systems. PC-I2C-DEV allows users the option to program with Visual C/C++ or other programming environments that support DLLs. PC-I2C-DEV interfaces to the standard Parallel Port on any IBM-compatible 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

# 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](http://www.mouser.com)

Warranty: 30-day money back guarantee  
Availability: Stock

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

