

PRODUCT BRIEF

MIIC-207



i2cStick brings *high-performance* I²C to on-the-go mobile developers, test engineers, field support personnel, and more.

Just plug the shirt-pocket size **i2cStick** into your laptop's USB port, connect to your target device, and you'll be sending and receiving I²C messages in seconds.

I²C Bus Problems? Beat them with a stick...™

PRODUCT HIGHLIGHTS

- **Compact, Shirt-pocket Size, Bus Powered, USB to I²C Bus Host Adapter.**
- **7-bit Slave Addressing, Standard (100kHz) and Fast (400kHz) Clock Speeds.**
- **Master and Slave, Transmit and Receive, and Multi-Master support.**
- **Switch controlled 5 V Internal Pull-ups, and 5 V Power source for External Devices.**
- **Compatible with 3.3 V to 5 V I²C Bus External Pull-ups.**
- **Free iBurner I²C Bus EEPROM Programmer Software.**
- **Free I²C Message Manager and Message Center Applications.**
- **Free .NET Class Library, ASCII-Text Application Program Interface, and Sample Projects.**
- **Free Visual Basic, C, C++, and MFC Sample Projects.**
- **LabVIEW Virtual Instrument (VI) Library and Sample Projects.**
- **Virtual Communications Port (VCP) eliminates USB troubles.**
- **Protects Your Laptop with Over/Reverse-Voltage, ESD, and Dual-Stage Fuse Protection.**

The i2cStick combines the low-cost communication features of I²C with the power of USB connectivity. Its USB interface, advanced processor, fast communications, larger data buffers, optimized firmware, and host computer protection circuitry makes i2cStick a great choice for I²C Bus messaging applications.

The i2cStick supports all 7-bit slave address I²C message modes including Multi-Master and Arbitration Loss Detection. Use one of our *free* messaging or EEPROM programming applications, or create your own custom applications. I²C Bus connectivity options include a clip-lead or 1x5 2.54 mm (.100") header cable interface. Compatible with iPort/USB, iPort/AFM, and iPort/AI application programs.

TYPICAL APPLICATIONS

Product Development: Software/Hardware Testing and Troubleshooting.

Manufacturing: Testing and Debugging, EEPROM Programming, Quality Control.

Field Service: Field diagnosis, Repair service and Verification, Product Updates.

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