SocketModem® Cell

HSPA Cellular Modem

Universal Socket Benefits

- Interchangeable communications devices
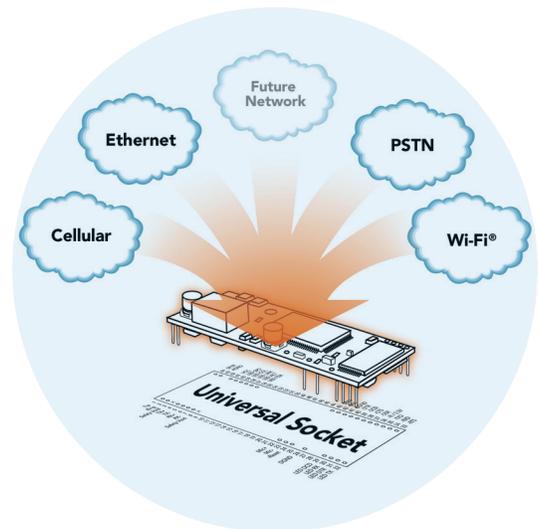- Quick-to-market
- Easy migration to future networks

The SocketModem® Cell cellular modem is a complete, ready-to-integrate communications device that offers standards-based quad-band HSPA 7.2 performance. This quick-to-market communications device allows developers to add wireless communication to products with a minimum of development time and expense. The SocketModem Cell cellular modem is based on industry-standard open interfaces and utilizes Multi-Tech's Universal Socket design.

Features

- Quad-band GSM/GPRS/EDGE/ HSPA
- Universal Socket connectivity
- Circuit-switched data up to 14.4K bps
- Short Message Services (SMS)
- UFL antenna connector and SIM socket
- USB 2.0 full speed interface
- Drivers for Windows XP, Vista, Windows 7 and Linux 2.6.18 or later
- AT command compatible
- PTCRB and AT&T certified
- Two-year warranty

MultiTech®
Systems

Highlights

Applications. With increased 3G packet data rates, the SocketModem Cell cellular modem will support highly data-intensive applications such as remote video surveillance, multimedia POS/ATM terminals as well as other data-intensive applications.

Universal Socket Connectivity. Multi-Tech's Universal Socket is a flexible, comm-port architecture that provides cellular, Ethernet, PSTN or Wi-Fi network access with interchangeable communications devices. This means you can utilize one system design and populate it with your connectivity device of choice accommodating multiple connectivity requirements. In addition, you are assured a seamless migration to future technologies.

Reduces Development Time. The SocketModem Cell cellular modem enhances your product while you focus on developing its core features. It actually provides faster time-to-market because it relieves the burden and expense of obtaining PTCRB and RF approvals.

SocketModem Cell Pin-Out. The SocketModem Cell cellular modem interfaces easily with existing products through a standard USB 2.0 interface. The complete on-board RF transceiver interfaces with an antenna for direct connection to wireless SMS, circuit-switched dial-up, or packet data networks. It also includes an onboard LED to display network status.

Developer's Kit. The Developer's Kit allows you to plug in the communications device and use it for testing, programming and evaluation. For a complete listing of the Developer Kit contents, visit www.multitech.com/pdfs/devkit.go

Specifications

Packet Data Features
HSPA 7.2/UMTS/EDGE/GPRS

Frequency Bands
3G: 850/900/1900/2100 MHz
2G: 850/900/1800/1900 MHz

Connectors
Antenna: UFL
SIM: Standard 1.8/3V SIM receptacle

Power Requirements
5VDC
Sleep: 110mA; Typical: 447mA; Maximum: 700mA (see developers guide for more details)

Physical Description
3.1" L x 1.4" W x 0.5" H; 1 oz.
(8 cm x 3.5 cm x 1.2 cm; 28 g)

Operating Environment
-10° to +55° C

Certifications
CE Mark, R&TTE
EMC: FCC Part 15 Class B, 22, 24, EN 301 489-1, EN 301 489-7
Radio Compliance: EN 301 489-24
Safety: IEC 60950-1, UL 60950-1
Network: PTCRB / RoHS Compliant, AT&T

Ordering Information

Product	Description	Region
MTSMC-H3-U	HSPA 7.2 USB Embedded Modem	US/Euro
Ordering Codes		
-U	USB Interface	

Produced in the US of US and non-US components.

Features and specifications are subject to change without notice.

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