



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

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

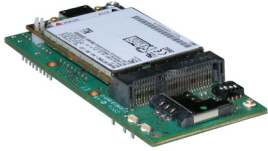
Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



SocketModem[®] Cell

HSPA Cellular Modem



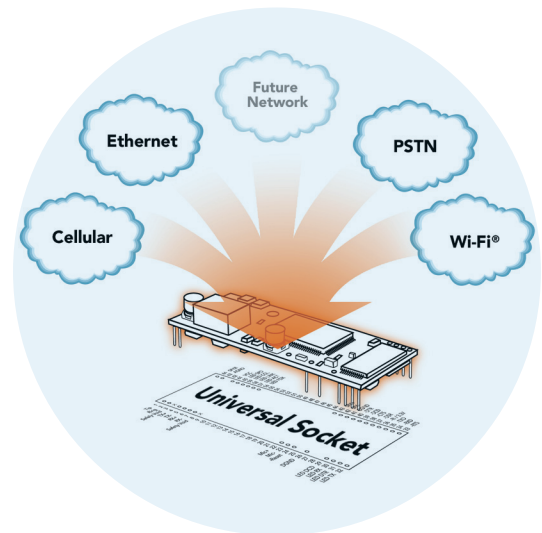
The SocketModem[®] Cell cellular modem is a complete, ready-to-integrate communications device that offers standards-based quad-band HSPA 7.2 performance. This quick-to-market communications device allows developers to add wireless communication to products with a minimum of development time and expense. 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

Universal Socket Benefits

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



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.

Trademarks / Registered Trademarks: SocketModem, Universal IP, Multi-Tech, and the Multi-Tech logo: Multi-Tech Systems, Inc. / All other products and technologies are the trademarks or registered trademarks of their respective holders.

World Headquarters

Tel: (763) 785-3500
(800) 328-9717

www.multitech.com

EMEA Headquarters

Multi-Tech Systems (EMEA)
United Kingdom

Tel: +(44) 118-959 7774