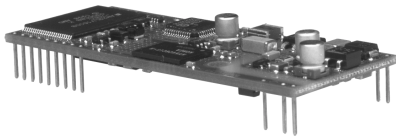


SocketModem™ IP

Embedded Modem + Internet Applications



Benefits

Complete, ready-to-integrate Internet modem

Built-in FTP, telnet, POP3 and SMTP clients

Built-in Web server

Global compliance

The Multi-Tech SocketModem IP creates Internet-ready devices by integrating modem functionality and a complete TCP/IP protocol stack into a single, interchangeable socket design. The space efficient (1" x 2.5"), ready-to-integrate embedded modem sends and receives data via e-mail, HTTP or socket interfaces. SocketModem IP brings Internet connectivity to any device without adding development time and costs. SocketModem IP also complies with telecom requirements globally allowing for worldwide shipments.

Features

- Command Line API for Internet configuration
- Complete data/fax modem solution, including the controller, data pump and DAA
- Internet processor runs DNS, FTP, HTTP, IP, IPCP, LCP, MIME, POP3, PPP, Dial-in RAS, SMTP, TCP, Telnet and TFTP protocols
- Binary Base 64 encoding and MIME e-mail formats
- PAP, CHAP or Script authentication
- Web Server supports HTML web pages
- HTTP version 1.0 and 1.1 support
- 2400 baud to 56K bps SocketModem IP build options
- Serial interface supports DTE speeds to 230.4K bps
- TIA-602 AT command compatible in modem mode
- Global approvals with a single module design
- Space efficient universal socket connectivity
- Flash memory to update firmware with the latest enhancements

*Enables Any Device
to Send and Receive
Data via the Internet*

Telecom Certifications* :

| | | |
|----------------|---------------|-----------------|
| Argentina | Hungary | Philippines |
| Australia | Iceland | Poland |
| Austria | India | Portugal |
| Belgium | Indonesia | Russia |
| Brazil | Ireland | Singapore |
| Canada | Israel | Slovak Republic |
| Chile | Italy | Slovenia |
| China | Japan | South Africa |
| Cyprus | Korea | Spain |
| Czech Republic | Liechtenstein | Sweden |
| Denmark | Luxembourg | Switzerland |
| Finland | Malaysia | Taiwan |
| France | Mexico | Thailand |
| Germany | Netherlands | Turkey |
| Greece | New Zealand | United Kingdom |
| Hong Kong | Norway | United States |

* Some country approvals pending.

| Features | SocketModem IP MT2456SMI-IPLXX |
|---------------------------------|-----------------------------------|
| Network Protocol Support | |
| ARP | X |
| DNS Resolve | X |
| FTP Client | X |
| HTTP Server | X |
| ICMP (Ping) | X |
| IP | X |
| IPCP | X |
| LCP | X |
| POP3 (Receive mail) | X |
| PPP | X |
| SMTP (Send mail) | X |
| TCP | X |
| Telnet Client | X |
| Telnet Server | X |
| TFTP Client | X |
| Authentication Protocols | |
| CHAP | X |
| Dial-up Script | X |
| PAP | X |
| Interfaces | |
| Analog Modem (2.4K - 56K) | X |
| Asynchronous Serial | X |
| Power | 3.3V |

Specifications

Power Requirements

3.3V DC, +/- 10%

Power Usage

Typical: 165mA (V.22bis model: 135mA)

Maximum: 225mA (V.22bis model: 195mA)

Physical Description

1.045" w × 2.541" h × 0.680" d;
(2.7 cm × 6.5 cm × 1.8 cm)

Operating Environment

Temperature Range: 0-70°C

Safety Certifications

UL 60950, EN 60950 & AS/NZ 3260

EMC

FCC CFR47 Part 15 (Class B), ICES-003 Canada
(Class B), EN 55022 (Class B) & EN 55024

Ordering Information

| Models | Description | Multiple Order Quantity (MOQ) |
|-----------------|----------------------------------|----------------------------------|
| MT2456SMI-IPL22 | V.22bis/2400 SocketModem and IP | 50 (singles available) |
| MT2456SMI-IPL32 | V.32bis/14.4K SocketModem and IP | 50 (singles available) |
| MT2456SMI-IPL34 | V.34/33.6K SocketModem and IP | 50 (singles available) |
| MT2456SMI-IPL92 | V.92/56K SocketModem and IP | 50 (singles available) |

Made in Mounds View, MN, U.S.A.

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Who's Multi-Tech? Success is about communication. Multi-Tech is about making it easier. We create better ways of sharing information – remotely and over the Internet. Multi-Tech solutions set the standard for efficient and effective communication in an information-hungry age. Our products are known for their reliability, performance and flexibility. With Internet access, remote access and telephony products, Multi-Tech is creating a world where technically, everything's possible.

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