MultiTech Systems

Worldwide Marketing Announcement

SocketModem® GPRS and ModemModule™ GPRS
New Ordering Part Numbers – 6.51 Firmware

Date: January 18, 2006

Description:
The SocketModem® GPRS and ModemModule™ GPRS wireless modems are complete, ready-to-integrate modules that offer standards-based multi-band GSM/GPRS Class 10 performance. These quick-to-market modules allow developers to add wireless communication to products with a minimum of development time and expense.

Key Features:

- GPRS Class 10
- Packet-switched data rates up to 85.6K
- 14.4K circuit-switched data
- Supports Short Message Services (SMS)
- AT command compatible
- SIM Socket
- MMCX antenna connector
- Embedded TCP/IP stack
- Serial interface supports speeds up to 115.2K

- MNP 2 error correction, V.42bis compression

- FCC and PTCRB approved
- Cingular approved (with AMR support)
- 5V DC operation
- Two-year warranty

Firmware Changes:
Old Firmware: 6.41C
New Firmware: 6.51

Added Features

- Extended SMS storage: up to 99 in flash

- Low power consumption for the module with disconnected mode
- Updated embedded IP stack: version 3.02
o   FTP mode: users can now select active or passive mode transfers
o   Users can predefine two TCP server settings, only one can be connected at a time

Fixes

- Now possible to GPRS ATTACH on networks supporting Cell Notification instead of normal cell update (Cingular Network)
- When a registration failed because of an unknown IMSI or an illegal ME, the module sent an unsolicited response +CGREG: 4 instead of +CREG:3
- When AT+CSQ is sent to the module just after a call release, the response is +CSQ:<rssi>, 99 instead of +CSQ:<rssi>, <ber> (the value 99 was wrong)

Ordering Information:

Ordering Part #	UPC	Box Size Approx. (L x W x H)	Ship Wt.
MTSMC-G-F2.R1.1	789407340741	20.5" x 11" x 3"	4 lbs.
MTSMC-G-F2.R1.1-SP	789407340758	8 x 6 x 3.5	1 lb.
MTMMC-G-F2.R1.1	789407340727	20.5" x 11" x 3"	10 lbs.
MTMMC-G-F2.R1.1-SP	789407340734	8 x 6 x 3.5	1 lb.

International Export Information:

Ordering Part #	Eccn #	HTS (Schedule B #)
MTSMC-G-F2.R1.1	5A002	8525.2090.80
MTSMC-G-F2.R1.1-SP	5A002	8525.2090.80
MTMMC-G-F2.R1.1	5A002	8525.2090.80
MTMMC-G-F2.R1.1-SP	5A002	8525.2090.80

Catalog Descriptions :

MTSMC-G-F2.R1.1	850/1900 MHz GPRS SocketModem-5V	50 Pk
MTSMC-G-F2.R1.1-SP	850/1900 MHz GPRS SocketModem-5V	Single Pk
MTMMC-G-F2.R1.1	850/1900 MHz GPRS ModemModule-5V	50 Pk
MTMMC-G-F2.R1.1-SP	850/1900 MHz GPRS ModemModule-5V	Single Pk

MTSMC-G-F2.R1.1, MTSMC-G-F2.R1.1-SP, MTMMC-G-F2.R1.1 and MTMMC-G-F2.R1.1-SP are encryption items. U.S. Export Administration Regulations have special restrictions on the export of encryption items; please refer to these regulations. Any export of commodities, technology, or software must be exported from the United States in accordance with the Export Administration Regulations. Export or diversion contrary to U.S. law is prohibited.