

Product Change Notification

SocketModem® IP – Embedded Analog Modem + Internet Applications

Product Change Notification #: 011811-01

Notification Date: January 18, 2011

Updated: February 22, 2011

Firmware 0.22E had an issue where the AT command parser would lock up if &D2 was set and DTR was toggled. If you previously downloaded 0.22E please disregard it and continue your validation with 0.22F.

Products: MT5692SMI-IP-92, MT5692SMI-IP-92-SP, MT5692SMI-IP-L-92, MT5692SMI-IP-L-92-SP

Type of Change: Printed circuit board revision and firmware changes resulting in new ordering part numbers.

Description of Change:

Multi-Tech is releasing new ordering part numbers for the MT5692SMI-IP series of embedded analog modem products. At the same time we are making the old ordering part numbers Near-End-of-Life. We are announcing these new ordering part numbers as a result of a board revision, changes to the modem firmware and a new Universal IP™ code release.

Customers are asked to begin qualifying the new ordering part numbers as soon as possible and transitioning orders within the timeline listed below.

Key Dates:

Availability of New Ordering Part Numbers: Available now

NEOL Date of Old Ordering Part Numbers: January 18, 2011

Last Time Buy Date for Old Ordering Part Numbers: April 18, 2011

Final Ship Date for Old Ordering Part Numbers: July 18, 2011

Patch Code and Firmware Versions:

Current modem patch code version: 1.01J

New modem patch code version: 1.01L

Current Universal IP firmware version: 0.21D

New Universal IP firmware version: 0.22F (**Firmware version changed from 0.22E to 0.22F**)

Hardware Changes:

A minor board revision was completed to change the location and diameter of a tooling hole that some customers used to mount the SocketModem to their mother board. The location and diameter of the tooling hole now matches the location on the previous generation SocketModem (MT5656SMI-IP).

Release Notes for Modem Patch Code 1.01L

The following represents a subset of the release notes for the modem patch code version 1.01L. Complete release notes and the new patch code are available for download at:

ftp://ftp.multitech.com/embedded/5692/smi-ip/101L_022F.zip (**Location of the new files**)

- Modified DC offset voltage for ring detection to work better with Viking Line Simulator.
- Modified DTMF detection to display DTMF's for valid digit presses. Previously, it would be just 1 digit no matter the length of press.
- Modified Transmit Level (S91) for Brazil from 10 to 8 for approval purposes.

Release Notes for Universal IP Firmware 0.22F

The following represents a subset of the release notes for the 0.22F firmware update. Complete release notes and the new firmware are available for download at:

Bug Fixes

- #TCPSPORT, #UDPPORT, #KEEPALIVEPORT, #SMTPSPORT, #POP3PORT, #FTPPORT, and #GPSPORT have been range corrected to 1-65535 (previously, 0 was allowed).
- #TCPSPORT, #UDPPORT, #KEEPALIVEPORT and #GPSPORT have been defaulted to 1 (previously, 0).
- AT#FTPTYPE command has been fixed to only accept "I" and "A" values.

Enhancements

- Allow a TELNET client to connect to the serial port (like LTCSTART except handle telnet protocol).
- Implement Denial of Service protect for the stack. If the stack is under a packet flood (20 or more without answer), the stack will now silently discard the packets.

New Commands

- #TCPTELNETUN - Configure the login username for the telnet listener or TCP raw mode.
- #TCPTELNETPW - Configure the login password for the telnet listener or TCP raw mode.
- #VSHOWSERIAL - Show the RS-232 signal status of the user serial port.

Ordering Information:

Old Ordering Part Number	New Ordering Part Number	Description
MT5692SMI-IP-92	MT5692SMI-IP-92.R1	V.92 Serial Data Only + IP - 5V (50 pack)
MT5692SMI-IP-92-SP	MT5692SMI-IP-92.R1-SP	V.92 Serial Data Only + IP - 5V (Single pack)
MT5692SMI-IP-L-92	MT5692SMI-IP-L-92.R1	V.92 Serial Data Only + IP - 3.3V (50 pack)
MT5692SMI-IP-L-92-SP	MT5692SMI-IP-L-92.R1-SP	V.92 Serial Data Only + IP - 3.3V (Single pack)

*25 individually packaged modems in a master case of 25 units.

If you should have any questions regarding this Product Change Notification, please contact your Multi-Tech OEM sales representative:

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