

Product Change Notification

MultiTech Dragonfly™ 4G-LTE Cat M1 Embedded Cellular SoMs and Modems

Date: January 27, 2021

I. Product Change Notification Number (PCN)

PCN 01272021-01

II. Impacted Products

The impacted products listed in this PCN are now considered Near-End-of-Life (NEOL). Please work with your distribution partner on any last time buy needs and to place orders for the new ordering parts numbers listed in the table in Section V. of this PCN.

MTQ-MNA1-B01	LTE Cat M1 Embedded Cellular SoM w/GNSS (AT&T/Verizon)(50 Pk)
MTQ-MNA1-B01-SP	LTE Cat M1 Embedded Cellular SoM w/GNSS (AT&T/Verizon)(1 Pk)
MTQ-MNA1-B02	Embedded LTE Cat M1 Modem w/GNSS (AT&T/Verizon)(50 Pk)
MTQ-MNA1-B02-SP	Embedded LTE Cat M1 Modem w/GNSS (AT&T/Verizon)(1 Pk)

III. Type of Change

Release of new radio firmware and modem controller code resulting in new ordering part numbers.

IV. Current and New Firmware Versions

Current Radio Firmware Version

30.00.XX3

New Radio Firmware Version

30.00.XX8

Release Notes

Full release notes for the radio firmware are available [here](#).

Changes to Modem Controller Code (This change only applies to -B02 models.)

- Modified the reset function to improve memory protection. The reset function is invoked by holding the reset line low for 50ms-1s.
- Removed resetting of the radio after it has been powered down for 60s. This prevents interference with modems that support Power Save Mode (PSM). With this change, if AT#SHDN is issued, a power cycle or reset is required to power on the radio.

V. New and Old Ordering Part Numbers

Old (NEOL) Ordering Part Number	New Ordering Part Number
MTQ-MNA1-B01	MTQ-MNA1-B01.R1
MTQ-MNA1-B01-SP	MTQ-MNA1-B01.R1-SP
MTQ-MNA1-B02	MTQ-MNA1-B02.R1
MTQ-MNA1-B02-SP	MTQ-MNA1-B02.R1-SP

VI. Additional Information

If you have any questions regarding this Product Change Notification, please contact your MultiTech sales representative:

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