Product Change Notification

SocketModem® Cell
4G-LTE Cat 4 Cellular Embedded Modem
MTSMC-L4N1 Models

Date: November 18, 2022

I. Product Change Notification Number (PCN)
PCN 11182022-00

II. Summary
MultiTech is releasing new ordering part numbers for the SocketModem® Cell cellular embedded modem products listed in this announcement. These new ordering part numbers contain an updated revision of the cellular radio module. This change is in response to an End-of-Life of the cellular radio currently used in the existing MTSMC-L4N1 .R1A and .R2 ordering part numbers. The existing ordering part numbers (.R1A and .R2 models) are changing status from **generally available to Near-End-of-Life (NEOL)** effective immediately.

The core functionality of the new ordering part numbers has not changed.

III. Impacted Products: NEOL and New Ordering Part Number Cross Reference

NEOL Ordering Part Numbers	New Ordering Part Numbers	Description
MTSMC-L4N1.R1A MTSMC-L4N1.R2	MTSMC-L4N1.R3	Embedded LTE Cat 4 Modem/Serial w/Fallback & GNSS (50 Pk) (AT&T/Verizon)
MTSMC-L4N1.R1A-SP MTSMC-L4N1.R2-SP	MTSMC-L4N1.R3-SP	Embedded LTE Cat 4 Modem/Serial w/Fallback & GNSS (1 Pk) (AT&T/Verizon)
MTSMC-L4N1-U.R1A MTSMC-L4N1-U.R2	MTSMC-L4N1-U.R3	Embedded LTE Cat 4 Modem/USB w/Fallback & GNSS (50 Pk) (AT&T/Verizon)
MTSMC-L4N1-U.R1A-SP MTSMC-L4N1-U.R2-SP	MTSMC-L4N1-U.R3-SP	Embedded LTE Cat 4 Modem/USB w/Fallback & GNSS (1 Pk) (AT&T/Verizon)

Please note: The new ordering part numbers (.R3) are replacing a duplicate set of existing ordering part numbers. The .R1A ordering part numbers are original SocketModem hardware with data centric firmware. The .R2 ordering part numbers are a component shortage board revision along with the same data centric firmware found in the .R1A models. The new .R3 ordering part numbers will use the newer SocketModem hardware with the new cellular radio version. While the core functionality of all these ordering part numbers is the same, MultiTech recommends customers test the new ordering part numbers in their application to ensure compatibility.

IV. Current and New Firmware and Hardware Versions

Current Versions
FW: 25.20.XX6
HW: 1.0

New Versions
FW: 25.21.XX2
HW: 1.3

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

Hardware change
Introduction of new RF switches to address global supply chain issues.
The alternative components are pin-to-pin compatible, the cellular radio module PCB remains unchanged.
Therefore, form, fit, function, and the cellular radio module specification is not affected.

V. Suggested Action Plan

To help facilitate the launch of the new ordering part numbers, we recommend the following actions be taken:

- Forward this announcement to others within your organization who may be impacted by this announcement.
- Work with your MultiTech reseller or distributor to obtain samples.
- Limited availability of existing (NEOL) ordering part numbers.

VI. Additional Information

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

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