



Worldwide Product Announcement

SocketModem® Cell New LTE Cat 1 Embedded Cellular Modems Global (MTSMC-L1G2D Models)

Near-End-of-Life for Old LTE Cat 1 Ordering Part Numbers (MTSMC-LAT3 & MTSMC-LVW3 Models)

Date: February 2, 2023

I. Summary

MultiTech announces new 4G-LTE Category 1 ordering part numbers for the SocketModem® Cell series of embedded cellular modems.

At the same time, the existing 4G-LTE Category 1 ordering part numbers are changing status from **Active** to **Near-End-of-Life (NEOL)** effective immediately.

II. Product Description

The [SocketModem® Cell](#) embedded cellular modems are complete, ready-to-integrate communications devices ideal for customers looking to add cellular communications to their IoT/M2M solutions.

These carrier-approved and end-device certified embedded modems from MultiTech decrease time to market and save customers money.

Production of the new MTSMC-L1G2D global models is scheduled to start in April or when inventory for current models is depleted. Please contact your MultiTech sales representative for information on sample availability.

III. Key Dates for NEOL Models

Near-End-of-Life (NEOL) Date: February 2, 2023

Last Time Buy (LTB) Date: May 1, 2023 or while supplies last

The cellular modules used in these devices are under allocation from the supplier. MultiTech strongly suggests customers submit LTB requirements as soon as possible for the best chance of securing the devices they need while they migrate to the new models.

Last Ship Date/End-of-Life (EOL) Date: Oct 2, 2023

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Last Time Buy Information

As soon as possible, submit confirmed order quantities with a Non-Cancellable, Non-Returnable (NCNR) order.

Note: All orders placed for products listed in this announcement require an NCNR agreement. Last time ship dates are negotiable with an NCNR agreement. Please contact your MultiTech sales representative for details and a copy of the agreement.

IV. Product Comparison

The new SocketModem Cell series include the following enhancements:

- Based on a more current 4G-LTE Category 1 cellular modem
- Single SKU global model
- Includes integrated GNSS support

	New 4G-LTE Category 1 Global (-L1G2D Models)	Existing 4G-LTE Category 1 AT&T (-LAT3 Models)	Existing 4G-LTE Category 1 Verizon (-LVW3 Models)
Cellular Performance	4G - LTE Category 1 3GPP Release 10	4G - LTE Category 1 3GPP Release 9	4G - LTE Category 1 3GPP Release 9
Cellular Fallback	3G/2G	3G	No Fallback
GNSS	Yes	No	No
Frequency Bands (MHz)	4G: B1(2100), B2(1900), B3(1800), B4(AWS1700), B5(850), B7(2600), B8(900/Anterix), B9(1800), B12/B13(700), B14(700), B18(850), B19(850), B20(800), B25(1900), B26(850), B28(700) 3G: B1(2100), B2(1900), B4(AWS1700), B5(850), B6(850), B8(900), B19(850) 2G: B2(1900), B3(1800), B5(850), B8(900)	4G: B12/B13(700), B5(850), B4(AWS1700), B2(1900) 3G: B5(850), B2(1900)	4G: B13(700), B4(AWS1700), B2(1900)
Carrier/Regulatory Approvals	FCC, IC, PTCRB, RED (EU), RCM (AU), AT&T, Verizon	FCC, IC, PTCRB, AT&T	FCC, Verizon

Note 1: There is a new process for installing the –L1G2D USB models when using Linux. Download the USB Installation Guide [here](#).

Note 2: The new –L1G2D models contain multiple firmware images, the default image is AT&T. To change the firmware image to Verizon or other options use the AT#FWSWITCH command. For details on how to use this command please refer to the AT Command Guide located [here](#).

V. New Ordering Part Numbers

Ordering Part Number	Description	Region
SocketModem® Cell LTE Cat 1 Embedded Cellular Modems		
MTSMC-L1G2D	Embedded LTE Cat 1 Modem/Serial w/GNSS (Global)(50Pk)	Global
MTSMC-L1G2D-SP	Embedded LTE Cat 1 Modem/Serial w/GNSS (Global)(1Pk)	Global
MTSMC-L1G2D-U	Embedded LTE Cat 1 Modem/USB w/GNSS (Global)(50Pk)	Global
MTSMC-L1G2D-U-SP	Embedded LTE Cat 1 Modem/USB w/GNSS (Global)(1Pk)	Global

NEOL Ordering Part Numbers

NEOL Ordering Part Number	Description	Region
SocketModem® Cell LTE Cat 1 Embedded Cellular Modems		
MTSMC-LAT3.R2A	LTE Cat 1 Embedded Cellular Modem/Serial w/Fallback (AT&T) (50 Pk)	US/Can
MTSMC-LAT3.R2A-SP	LTE Cat 1 Embedded Cellular Modem/Serial w/Fallback (AT&T) (1 Pk)	US/Can
MTSMC-LAT3-U.R2A	LTE Cat 1 Embedded Cellular Modem/USB w/Fallback (AT&T) (50 Pk)	US/Can
MTSMC-LAT3-U.R2A-SP	LTE Cat 1 Embedded Cellular Modem/USB w/Fallback (AT&T) (1 Pk)	US/Can
MTSMC-LAT3.R4	LTE Cat 1 Embedded Cellular Modem/Serial w/Fallback (AT&T) (50 Pk)	US/Can
MTSMC-LAT3.R4-SP	LTE Cat 1 Embedded Cellular Modem/Serial w/Fallback (AT&T) (1 Pk)	US/Can
MTSMC-LAT3-U.R4	LTE Cat 1 Embedded Cellular Modem/USB w/Fallback (AT&T) (50 Pk)	US/Can
MTSMC-LAT3-U.R4-SP	LTE Cat 1 Embedded Cellular Modem/USB w/Fallback (AT&T) (1 Pk)	US/Can
MTSMC-LVW3.R2	LTE Cat 1 Embedded Cellular Modem/Serial w/o Fallback(Verizon) (50 Pk)	US
MTSMC-LVW3.R2-SP	LTE Cat 1 Embedded Cellular Modem/Serial w/o Fallback (Verizon) (1 Pk)	US
MTSMC-LVW3-U.R2	LTE Cat 1 Embedded Cellular Modem/USB w/o Fallback(Verizon) (50 Pk)	US
MTSMC-LVW3-U.R2-SP	LTE Cat 1 Embedded Cellular Modem/USB w/o Fallback (Verizon) (1 Pk)	US
MTSMC-LVW3.R4	LTE Cat 1 Embedded Cellular Modem/Serial w/o Fallback(Verizon) (50 Pk)	US
MTSMC-LVW3.R4-SP	LTE Cat 1 Embedded Cellular Modem/Serial w/o Fallback (Verizon) (1 Pk)	US
MTSMC-LVW3-U.R4	LTE Cat 1 Embedded Cellular Modem/USB w/o Fallback(Verizon) (50 Pk)	US
MTSMC-LVW3-U.R4-SP	LTE Cat 1 Embedded Cellular Modem/USB w/o Fallback (Verizon) (1 Pk)	US

Cross Reference Table

NEOL Ordering Part Number	Description	New Ordering Part Number	Description
MTSMC-LAT3.R2A	LTE Cat 1 Embedded Cellular Modem/Serial w/Fallback (AT&T) (50 Pk)	MTSMC-L1G2D	Embedded LTE Cat 1 Modem/Serial w/GNSS (Global)(50Pk)
MTSMC-LAT3.R2A-SP	LTE Cat 1 Embedded Cellular Modem/Serial w/Fallback (AT&T) (1 Pk)	MTSMC-L1G2D-SP	Embedded LTE Cat 1 Modem/Serial w/GNSS (Global)(1Pk)
MTSMC-LAT3-U.R2A	LTE Cat 1 Embedded Cellular Modem/USB w/Fallback (AT&T) (50 Pk)	MTSMC-L1G2D-U	Embedded LTE Cat 1 Modem/USB w/GNSS (Global)(50Pk)
MTSMC-LAT3-U.R2A-SP	LTE Cat 1 Embedded Cellular Modem/USB w/Fallback (AT&T) (1 Pk)	MTSMC-L1G2D-U-SP	Embedded LTE Cat 1 Modem/USB w/GNSS (Global)(1Pk)
MTSMC-LAT3.R4	LTE Cat 1 Embedded Cellular Modem/Serial w/Fallback (AT&T) (50 Pk)	MTSMC-L1G2D	Embedded LTE Cat 1 Modem/Serial w/GNSS (Global)(50Pk)
MTSMC-LAT3.R4-SP	LTE Cat 1 Embedded Cellular Modem/Serial w/Fallback (AT&T) (1 Pk)	MTSMC-L1G2D-SP	Embedded LTE Cat 1 Modem/Serial w/GNSS (Global)(1Pk)
MTSMC-LAT3-U.R4	LTE Cat 1 Embedded Cellular Modem/USB w/Fallback (AT&T) (50 Pk)	MTSMC-L1G2D-U	Embedded LTE Cat 1 Modem/USB w/GNSS (Global)(50Pk)
MTSMC-LAT3-U.R4-SP	LTE Cat 1 Embedded Cellular Modem/USB w/Fallback (AT&T) (1 Pk)	MTSMC-L1G2D-U-SP	Embedded LTE Cat 1 Modem/USB w/GNSS (Global)(1Pk)
MTSMC-LVW3.R2	LTE Cat 1 Embedded Cellular Modem/Serial w/o Fallback(Verizon) (50 Pk)	MTSMC-L1G2D	Embedded LTE Cat 1 Modem/Serial w/GNSS (Global)(50Pk)
MTSMC-LVW3.R2-SP	LTE Cat 1 Embedded Cellular Modem/Serial w/o Fallback (Verizon) (1 Pk)	MTSMC-L1G2D-SP	Embedded LTE Cat 1 Modem/Serial w/GNSS (Global)(1Pk)
MTSMC-LVW3-U.R2	LTE Cat 1 Embedded Cellular Modem/USB w/o Fallback(Verizon) (50 Pk)	MTSMC-L1G2D-U	Embedded LTE Cat 1 Modem/USB w/GNSS (Global)(50Pk)
MTSMC-LVW3-U.R2-SP	LTE Cat 1 Embedded Cellular Modem/USB w/o Fallback (Verizon) (1 Pk)	MTSMC-L1G2D-U-SP	Embedded LTE Cat 1 Modem/USB w/GNSS (Global)(1Pk)

NEOL Ordering Part Number	Description	New Ordering Part Number	Description
MTSMC-LVW3.R4	LTE Cat 1 Embedded Cellular Modem/Serial w/o Fallback(Verizon) (50 Pk)	MTSMC-L1G2D	Embedded LTE Cat 1 Modem/Serial w/GNSS (Global)(50Pk)
MTSMC-LVW3.R4-SP	LTE Cat 1 Embedded Cellular Modem/Serial w/o Fallback (Verizon) (1 Pk)	MTSMC-L1G2D-SP	Embedded LTE Cat 1 Modem/Serial w/GNSS (Global)(1Pk)
MTSMC-LVW3-U.R4	LTE Cat 1 Embedded Cellular Modem/USB w/o Fallback(Verizon) (50 Pk)	MTSMC-L1G2D-U	Embedded LTE Cat 1 Modem/USB w/GNSS (Global)(50Pk)
MTSMC-LVW3-U.R4-SP	LTE Cat 1 Embedded Cellular Modem/USB w/o Fallback (Verizon) (1 Pk)	MTSMC-L1G2D-U-SP	Embedded LTE Cat 1 Modem/USB w/GNSS (Global)(1Pk)

Product specifications are subject to change without notice.

MTSMC-Lxxx models 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.

VI. Warranty and Support

Two-year Product Warranty

MultiTech products listed in this announcement include a two-year warranty that includes on-line technical support and 24-hour website support.

VII. 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 are actively involved in the sale or support of embedded cellular modems.
- Ensure that the new ordering part numbers are loaded in your pricing system.
- Place initial stocking orders for the new ordering part numbers.
- Use the new ordering part numbers for all new design registrations.
- Notify and work with existing customers to migrate them to the new ordering part numbers.

VIII. Additional Information

If you have any questions or require additional information on this Product Announcement, please contact your MultiTech sales representative:

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