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Product End-Of-Life Notification

SocketModem® Cell
3G HSPA+ Embedded Cellular Modems
MultiTech Dragonfly™
3G HSPA+ Cellular Modems and SoMs

Replacement Models Available

Date: September 8, 2021

I. Summary
MultiTech announces an immediate change in status from **Near-End-of-Life (NEOL)** to **End-of-Life (EOL)** for the following SocketModem® Cell and MultiTech Dragonfly™ devices:

- 3G HSPA+ Embedded Cellular Modems (MTSMC-H5 models)
- 3G HSPA+ Cellular Modems and SoMs (MTQ-H5 models)

Recommended replacement products are available.

II. Key Dates
Near-End-of-Life (NEOL): October 6, 2020
Last Time Buy: March 1, 2021 (or while supplies last)
Last Ship Date: September 1, 2021
End-of-Life (EOL): September 8, 2021

III. Part Numbers Impacted

SocketModem® Cell Embedded Cellular Modems, 3G HSPA+ Models

EOL Ordering Part Number	UPC	Recommended Replacements	UPC
MTSMC-H5.R2	789407360695	MTSMC-L4N1 MTSMC-L4E1.R1	789407370601 789407373183
MTSMC-H5.R2-SP	789407360701	MTSMC-L4N1-SP MTSMC-L4E1.R1-SP	789407370618 789407373190
MTSMC-H5-U.R2	789407362422	MTSMC-L4N1-U MTSMC-L4E1-U.R1	789407370625 789407373206
MTSMC-H5-U.R2-SP	789407362439	MTSMC-L4N1-U-SP MTSMC-L4E1-U.R1-SP	789407370632 789407373213

> **Note: MTSMC-L4N1 models are recommended for North America and MTSMC-L4E1 models are recommended for Europe and countries accepting CE/RED certification.**

MultiTech Dragonfly™ Cellular Modems and SoMs, 3G HSPA+ Models

EOL Ordering Part Number	UPC	Recommended Replacements	UPC
MTQ-H5-B01	789407360213	MTQ-LAT3-B01.R2	789407370014
MTQ-H5-B01-SP	789407360220	MTQ-LAT3-B01.R2-SP	789407370076
MTQ-H5-B02	789407361333	MTQ-L4G1-B02	789407372988
MTQ-H5-B02-SP	789407361340	MTQ-L4G1-B02-SP	789407372995

Product specifications are subject to change without notice.

MTSMC and MTQ 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.

IV. Product Description

The SocketModem® Cell cellular modem is a complete, ready-to-integrate communications device that offers 4G-LTE, as well as 2G or 3G, GSM data performance. These quick-to-market communications devices allow developers to add wireless communication to products with a minimum of development time and expense.

The Dragonfly embedded IoT cellular modems and SoMs are fully certified and MNO approved, ready-to-integrate modules that offer developers the functionality of a programmable computing platform with the convenience of an onboard cellular radio all in one compact design. From a software perspective, Dragonfly is compatible with the Arm® Mbed™ programming platform allowing for rapid prototyping, development and deployment. With its integrated Cortex®-M4 processor, developers can host their application and have access to a full suite of interfaces for connecting sensors or other remote assets.

V. Product Comparison

	SocketModem Cell EOL Models	Recommended Replacements	
	MTSMC-H5.R2	**MTSMC-L4N1**	**MTSMC-L4E1.R1**
Performance	3G HSPA+	4G LTE Category 4	4G LTE Category 4
Fallback	2G GPRS	3G HSPA+	3G HSPA+, 2G GPRS
Region	Global	North America	Europe
Module	Telit HE910-D	Telit LE910C4-NF	Telit LE910C4-EU
GPS/GNSS		X	X
SIM	Mini SIM (2FF)	Mini SIM (2FF)	Mini SIM (2FF)
Antenna	2 x UFL	3 x UFL	3 x UFL
3G Frequency Band (MHz)			
B1 (2100)	X		X
B2 (1900)	X	X	
B3 (1800)			X
B4 (1700 AWS)	X	X	
B5 (850)	X	X	
B6 (800)			
B8 (900)	X		X
B19 (850)			
2G Frequency Band (MHz)			
B2(1900)	X		
B3 (1800)	X		X
B5 (850)	X		
B8 (900)	X		X

	Dragonfly EOL Models	Recommended Replacements	
	MTQ-H5-B0x	MTQ-LAT3-B01.R1	MTQ-L4G1-B02
Performance	3G HSPA+	4G LTE Category 1	4G LTE Category 4
Fallback	2G GPRS	3G HSPA+	3G HSPA+, 2G GPRS
Region	Global	North America (PTCRB/AT&T)	Global
Module	Telit HE910-D	Telit LE910-NA1	Quectel EG25-G
GPS/GNSS	X	X	X
SIM	Micro SIM (3FF)	Micro SIM (3FF)	Micro SIM (3FF)
Antenna	3 x UFL	3 x UFL	3 x UFL
3G Frequency Band (MHz)			
B1 (2100)	X		X
B2 (1900)	X	X	X
B4 (1700 AWS)	X		X
B5 (850)	X	X	X
B6 (800)			X
B8 (900)	X		X
B19 (850)			X
2G Frequency Band (MHz)			
B2(1900)	X		X
B3 (1800)	X		X
B5 (850)	X		X
B8 (900)	X		X

VI. 3G Network Sunset

There is a shift taking place in the world of IoT communications as the telecommunications companies that operate cellular networks migrate to LTE technology. In order to free up spectrum space, many wireless carriers are implementing 2G shutdowns, and in some cases, 3G shutdowns. This means these specific communication bands will soon be obsolete, and the businesses that rely on them for their IoT applications will need to move on to LTE solutions within the next few years. LTE features superior data transfer capacity and speed, so the upgrade will improve efficiency across many industries.

Making the transition from legacy communication technologies to LTE requires a strategic migration plan and the right products to meet business needs. IoT applications vary greatly, so MultiTech provides businesses with specialized products that utilize the LTE standard and minimize disruptions. Our products are fully certified and carrier-approved, so they will seamlessly integrate into your existing operations. To learn more about our approach to changing communications standards, read our Full-Line Brochure.

For more information, visit:
https://www.multitech.com/landing-pages/events/campaigns/promotions/technology/2g-migration/2g-cellular-migration-generic-2016-11

VII. Warranty and Support

MultiTech will provide technical support and repair or exchange of the products listed in this announcement through the warranty period of the installed device. However, no firmware/software updates or maintenance releases will take place post NEOL date.

Technical Support Services
At MultiTech, we're committed to providing you personalized attention and quality service while providing you a quick response to your product support needs. We have several options of support for you to choose from. For additional information on Support Services as well as other service offerings, please contact your MultiTech representative or visit www.multitech.com/support.go

VIII. Suggested Action Plan

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 cellular modems and SoMs.
- Remove discontinued/EOL models from your pricing system and website.

IX. Additional Information

If you have any questions or require additional information on this End-of-Life Notification, please contact your MultiTech sales representative.

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