

Product Change Notification**Date**
June 1, 2018**Product**

DC-ME/WME

Reason for Change

<input type="checkbox"/> Technical Requirement	<input checked="" type="checkbox"/> Product Transition
<input type="checkbox"/> Customer Requirement	<input type="checkbox"/> Product Discontinuation
<input type="checkbox"/> Quality Improvement	<input type="checkbox"/> Product Enhancement
	<input type="checkbox"/> Other (Brand Change)

Description of change

Due to the obsolescence of the previously qualified Micron memory for the Digi Connect for ME product, Digi has qualified a corresponding Macronix replacement.

The qualification of the new Memory component changes the Digi internal from P/N 16050817 (ST Micro M29DW323DB) to P/N 16000117 (Macronix MX29LV32E T-B), in order to facilitate build consistency, QVL updates, and inventory management. The new memory is functionally compatible with the old memory.

As part of Digi's standard qualification process, Digi has updated firmware to support all listed qualified suppliers. The corresponding software changes provide support for the new qualified flash for the NET+OS Operating System.

For the modules in the appendix shown below, the replacement memory part requires NET+OS source code to be updated and the firmware to be rebuilt.

Note that non-updated firmware will not run on modules that incorporate the new flash part.

Affected Part Numbers

See Appendix

Timing of Change

Effectivity dates-See Appendix

Technology Introduction

2007

Last Time Buy

Not applicable

Quality Issues

None

Notes

Digi will update all standard Digi Connect ME SKUs to incorporate the qualified Memory component.

Customers are required to patch the NET+OS code base with the new software patch and then rebuild their NET+OS projects.

Customers with NDS and Linux do not require any firmware upgrade

Follow the instructions provided below to update your code base and to rebuild the firmware.

Update NET+OS source code

- NET+OS 7.5
The software patches are distributed and installed via the Package Manager. Install the latest Flash package (Flash_Updates_752) as usual, and rebuild the project.
- NET+OS 6.3
The software patches are available on [Digi's support website](#).
 1. Click on the link and select the DC-ME.
 2. Go to the Embedded Patches section and select NET+OS 6.3 as Operating System.
 3. Download the "Flash updates" patch file.
 4. Unzip the file to the root of your NET+OS installation, i.e. C:\netos63.
- Other versions

Please contact Digi Tech Support

Rebuild the NET+OS project

After updating your code base, rebuild your NET+OS projects and generate new firmware images. The new binary image(s) will work with both new revision and older revisions of the products.

Samples availability

Please contact your Digi Sales Rep.

Additional Information

If you have concerns or questions about this notice please contact your sales representative or our technical support department via telephone at 952-912-3456

Authorization

Jim Pause, Product Manager, Digi International

Appendix

Part Number	Description	New Revision	Effective date
SKU's requiring updated firmware			
DC-ME4-01T-C	Connect ME -C 4MB Flash	V	July 25, 2018
DC-ME-9210-NET	Connect ME 9210 NET+OS JSK	AH	July 25, 2018
DC-ME-Y402-C	Connect ME 9210 4/8 -C	S	July 25, 2018
DC-ME-Y402-JT	Connect ME 9210 4/8 JTAG	S	July 25, 2018
DC-WME-9210-NET	Connect Wi-ME 9210 NET+OS JSK	U	July 25, 2018
DC-WME-Y402-C	Connect Wi-ME 9210 4/8 -C	S	July 25, 2018
DC-WME-Y402-JT	Connect Wi-ME 9210 4/8 JTAG	P	July 25, 2018
SKU's that don't require updated firmware			
DC-ME4-01T-S	Connect ME -S 4MB Flash	W	July 25, 2018
DC-ME4-01T-WAC	Connect ME -S 4MB Waters (50)	J	July 25, 2018
DC-ME-Y402-S	Connect ME 9210 4/8 -S	P	July 25, 2018
DC-ME-Y402-LX	Connect ME 9210 4/8 Linux	N	July 25, 2018
DC-ME-Y402-LX-JT	Connect ME 9210 4/8 Linux JTAG	L	July 25, 2018