

<b>Product Change Notification</b>		<b>Date</b> May 21, 2018
<b>Product</b>	DC-EM	

**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)

<b>Description of change</b>	<p>Due to the obsolescence of the previously qualified Micron memory for the Digi Connect for EM product, Digi has qualified a corresponding Macronix replacement.</p> <p>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.</p> <p>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.</p> <p>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.</p> <p>Note that non-updated firmware will not run on modules that incorporate the new flash part.</p>
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<b>Affected Part Numbers</b>	See Appendix
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<b>Timing of Change</b>	Effectivity dates-See Appendix
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<b>Technology Introduction</b>	2008
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<b>Last Time Buy</b>	Not applicable
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<b>Quality Issues</b>	None
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<b>Notes</b>	<p>Digi will update all standard Digi Connect EM SKUs to incorporate the qualified Memory component.</p> <p>Customers are required to patch the NET+OS code base with the new software patch and then rebuild their NET+OS projects.</p>
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	<p>Follow the instructions provided below to update your code base and to rebuild the firmware.</p> <p><b>Update NET+OS source code</b></p> <ul style="list-style-type: none"> <li>• NET+OS 7.5.2 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.</li> <li>• NET+OS 6.3 The software patches are available on <a href="#">Digi's support website</a>.             <ol style="list-style-type: none"> <li>1. Click on the link and select the DC-EM.</li> <li>2. Go to the Embedded Patches section and select NET+OS 6.3 as Operating System.</li> <li>3. Download the "Flash updates" patch file.</li> <li>4. Unzip the file to the root of your NET+OS installation, i.e. C:\netos63.</li> </ol> </li> <li>• Other versions</li> </ul> <p>Please contact Digi Tech Support</p> <p><b>Rebuild the NET+OS project</b></p> <p>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.</p> <p><b>Samples availability</b></p> <p>Please contact your Digi Sales Rep.</p> <p><b>Additional Information</b></p> <p>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</p>

<b>Authorization</b>	Jim Pause, Product Manager, Digi International
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Appendix

Part Number	Description	New Revision	Effective date
DC-EM-02T -S	Digi Connect EM	M	July 1
DC-EM-02T -C	Digi Connect EM Custom	M	August 1