

Product Change Notification		Date April 23, 2019
Product	ConnectCore i.MX51/53 (Reissue#191206-02(rev B), updated effectivity date)	

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"/> Change of Production Location	<input type="checkbox"/> Other (Brand Change)

Audience	All Embedded distributors and direct customers
Description of change	<p>Due to the obsolescence of the previously qualified 512MB flash memory for the ConnectCore i.MX51/53 products, Digi has qualified a corresponding replacement.</p> <p>The qualification of the new memory component updates the Digi internal part number of the assembly. Digi P/N TM02777 will change from Samsung K9F4G08U0B-PAB0 to FIDELIX FMND4G08U3J-IA, 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 affected PNs. The corresponding software changes provide support for the new qualified flash for Windows Embedded Compact 7 and Windows Embedded CE 6.0. No changes are required for Linux and U-Boot.</p> <p>For the modules in the appendix shown below, the replacement memory part requires updating Windows CE 7 or Window CE 6 source code and rebuilding the firmware.</p> <p>Note that non-updated firmware will not run on modules that incorporate the new flash part.</p>

Affected Part Numbers	See Appendix
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Timing of Change	Effectivity Dates – See Appendix
Notes/Actions	<p>Digi will update all standard ConnectCore i.MX51/53 to support modules with the qualified flash memory component as noted above.</p> <p>Customers are required to patch the Windows CE code base with the new software patch and then rebuild their firmware projects.</p>

	<p>Follow the instructions provided below to update your code base and to rebuild the firmware.</p> <p>Update source code</p> <ul style="list-style-type: none"> • Windows Embedded Compact 7 Download the software patch files (WCE7-FIDELIX-NAND.zip) and follow the instructions provided inside the files. • Windows Embedded Compact 6 Download the software patch files (WCE6_NAND_PATCH.zip) and follow the instructions provided inside the files. • Other versions Please contact your Digi Sales Rep <p>Rebuild the Windows CE project After updating your code base, rebuild your 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>Samples availability Please contact your Digi Sales Rep.</p> <p>Additional Information If you have concerns or questions about this notice please contact your sales representative or our technical support department via telephone at +1-952-912-3456</p>
Additional Notes	As memory part availability continues to be an issue in the entire industry, Digi will be proactive to qualify alternative sources when appropriate. Software patches are inconvenient, but Digi wants to ensure that we can provide customers product in a timely manner.

Quality Issues	None
Authorization	Jim Pause, Product Manager, Digi International

Appendix:

Part number	Description	Current Revision	Flash Update Revision	Effective Date *est. based on current backlog
CC-MX-MB69-ZM	ConnectCore i.MX51 600Mhz 512/512 1xENET	H	J	Oct. 1, 2019

