Product Change Notification	Date May 14, 2018
Product	ConnectCard for i.MX28

Reason for Change

☐	Technical Requirement	☒	Product Transition
☐	Customer Requirement	☐	Product Discontinuation
☐	Quality Improvement	☐	Product Enhancement
		☐	Other (Brand Change)

Description of change	Due to the obsolescence of the previously qualified Micron memory for the ConnectCard for i.MX28 product, Digi has qualified a corresponding replacement. The qualification of the new Memory component changes the Digi internal part number of the assembly from P/N 16051557 (MT29F1G08ABBFAH4-ITE:F) to P/N 16000130 (IS34MW01G084-BLI/S34MS01G200BHI000/S34MS01G100BHI000), in order to facilitate build consistency, QVL updates, and inventory management. The new memories are 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 are related to the identification of the new Memory. For the boards in the appendix shown below, the replacement memory part requires firmware (U-Boot and linux kernel) to be recompiled with a patched version of the source code. 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	2010

Last Time Buy	Not applicable

Quality Issues	None

Notes	Digi will update all standard ConnectCard for i.MX28 SKUs to support modules with the qualified Memory component. All software updates have already been

released as part of Digi Embedded Linux 5.9.10 (via the Package Manager) and Digi Embedded Yocto 1.6.11 (via GitHub).

Sample availability

Please contact your Digi Sales Rep.

Installation and compilation

- **Digi Embedded Linux**
  Install the source code patches (del-5_9_10) distributed and installed via the Package Manager. Then, create a new U-Boot and Linux project, and build the U-Boot and Linux projects accordingly.

- **Digi Embedded Yocto 1.6**
  Update the sources of your code base to v1.6.11, executing the following commands:

```
cd /usr/local/dey-1.6
repo init -u https://github.com/digi-embedded/dey-manifest.git -b
refs/tags/1.6.11
repo sync -j4 --no-repo-verify
```

Rebuild your project(s) as usual. Note that the build artifacts affected by the change are U-Boot and the linux kernel.

The new binary images will work with both new revision and older revisions of the products.

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
CC-MX-PF47-ZK	ConnectCard i.MX287, 128/128,2xENET,LCD	G	July 18, 2018,
CC-MX-PF47-ZM	ConnectCard i.MX287, 128/128,1xENET, LCD	G	July 18, 2018
CC-MX-PF58-ZK	ConnectCard i.MX287, 256/256,2xENET,LCD	G	July 18, 2018
CC-WMX-PF47-VM	ConnectCard Wi-i.MX287,128/128,1xENET,LCD	G	July 18, 2018

CC-WMX-PF58-JT	ConnectCard Wi-i.MX287,BT,256/256,2xENET,LCD	G	July 18, 2018
CC-WMX-PF58-QK	ConnectCardINTL Wi-i.MX287 BT,256/256,2xENET,LCD	F	July 18, 2018
CC-WMX-PF58-VM	ConnectCard Wi-i.MX287,256/256,1xENET,LCD	G	July 18, 2018