Product Change Notification	Date June 30, 2019
Product	ConnectCore 6

Reason for Change:

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

Audience	All Embedded distributors and direct customers
Description of change	Due to the obsolescence of the previously qualified memory for the ConnectCore 6 product, Digi has qualified a corresponding replacements. The qualification of the new memory component updates the Digi internal part numbers 16051816 and 16051908 of the assembly. Digi P/N 16051816 will change from Sandisk SDIN7DP2-4G to Samsung KLM4G1FETE-B041 and Digi P/N 16051908 will change from Micron MTFC4GACAAAM-4M IT to ISSI IS21ES04G-JCLI-TR, 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 affected PNs. The corresponding software changes provide support for the new qualified flash for Linux and Android. No changes are required for U-Boot. ***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**
Notes/Actions	Customers using Digi Embedded Yocto v1.6, Digi Embedded Yocto v2.0 and Digi Embedded Android must update their code bases in order to integrate the necessary changes in the kernel source code. All software updates have already been released as part of Digi Embedded Yocto and patches for Android are available on the ConnectCore 6 support page.

Installation instructions

- **Digi Embedded Yocto 1.6**
  Install the source code patches by running the following commands.

```
# git fetch digi
# git pull -r digi daisy
```

Alternatively, you can "cherry-pick" just the following commit into your local meta-digi repository, in order to pick only the change that adds support for the new eMMC.

Rebuild the kernel after updating the repository.

```
# bitbake -f -c compile linux-dey
# bitbake linux-dey
```

- **Digi Embedded Yocto 2.0**
  Install the source code patches by running the following commands.

```
# git fetch digi
# git pull -r digi jethro
```

Alternatively, you can "cherry-pick" just the following commit into your local meta-digi repository, in order to pick only the change that adds support for the new eMMC.

Rebuild the kernel after updating the repository.

```
# bitbake -f -c compile linux-dey
# bitbake linux-dey
```

- **Digi Embedded Android, DEA 4.4 & 5.1**
  Update the linux kernel file 'mmc.c' with the one provided in emmc_cc6_android.zip using the following command. Select the file that matches your DEA version.

```
# cp <android_version_mmc_source_patch>
<android_root_installation>/kernel_imx/drivers/m
mc/core/mmc.c
```

Rebuild your project after updating the source tree.

*The new kernel image will work with both, new revision and older revisions of the products.

	Sample 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
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 (on packaging)	New Revision (on packaging)	Current Revision (on product)	New Revision (on product)	Effective Date
CC-MX-L76C-Z1	ConnectCore 6 I-DL-4-512					
CC-MX-L77C-Z1	ConnectCore 6 I-DL-4-1					
CC-MX-L86C-Z1	ConnectCore 6 I-D-4-512					
CC-MX-L96C-Z1	ConnectCore 6 I-Q-4-512					
CC-WMX6-FRN	ConnectCore Wi-i.MX6 Furuno					
CC-WMX-J97C-TN	ConnectCore 6 QD 1GHz 4GF 1GR W/B MA					
CC-WMX-J98C-FJA	ConnectCore Wi-i.MX6 (50)					

CC-WMX-J98C-FNA	ConnectCore 6 QD 1.2GHz 4GF 2GR W/B MA					
CC-WMX-K77C-TE	ConnectCore 6 E-DL-4-1-WiFi-BT					
CC-WMX-K87C-FJA	ConnectCore 6 Furuno Bulk (50)					
CC-WMX-L76C-TE	ConnectCore 6 I-DL-4-512-WiFi-BT					
CC-WMX-L87C-TE	ConnectCore 6 I-D-4-1-WiFi-BT					
CC-WMX-L96C-TE	ConnectCore 6 I-Q-4-512-WiFi-BT					
CC-WMX-L97D-RV	ConnectCore 6 I-Q-8-1-WiFi-BT (50)					
CC-WMX-L97D-TN	ConnectCore 6 I-Q-8-WiFi-BT					

Packaging Label