Product Change Notification

	Date April 22, 2019
Product	DC-ME

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 Digi Connect for ME product, Digi has qualified a corresponding Macronix replacement for 4 MB variants. 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, the replacement memory part requires NET+OS source code to be updated and the firmware to be rebuilt. The NET+OS Source code was updated across the family of DC-ME's including 2 MB variants to have consistency of the firmware across the family. The change did not affect form, fit or function of the product, so the 2MB module variants were not included on the original notification #180601.

Affected Part Numbers	DC-ME-01T-C Connect ME CF/W DC-ME-01T-PC Connect ME -C 802.3af

Timing of Change	Effectivity dates-See Notes

Technology Introduction	2007

Last Time Buy	Not applicable

Quality Issues	The pre-programmed manufacturing firmware was updated from NET+OS version 6.x.2 to 7.5 with the expectation that 2 MB variants would not see any change in behavior. After implementing this change, two issues had been discovered: The default manufacturing procedure requires customers to enter a FTP password to update the module with a custom firmware. This password changed years ago when NET+OS 7.3 was released, affecting customers now that did not upgrade their firmware.

	In addition, changes with the Non-Volatile Memory storing module configuration parameters may cause manufacturing problems with outdated custom firmware images.

Notes	In order to address the Manufacturing issues, we have the following action plans in place:
	For existing inventory(Product manufactured after 5-22-18)- Affected customers should consult with Digi Technical Support to investigate if immediate solution can be found. If required, generate an RMA for modules to be reworked back to previous non-volatile memory functionality, timing TBD **Future Production** – Address issues in future builds using modified NET+OS 7.5 that eliminates the Non-Volatile memory issues, timing May 2019

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