

Product Change Notification		Date 16/09/2022
Product	Digi ConnectCore 6	

Reason for Change

<input type="checkbox"/> Technical Requirement	<input type="checkbox"/> Product Transition
<input type="checkbox"/> Customer Requirement	<input type="checkbox"/> Product Discontinuation
<input type="checkbox"/> Quality Improvement	<input checked="" type="checkbox"/> Product Enhancement
	<input type="checkbox"/> Other (Brand Change)

Description of change	<p>Digi received reports from customers about a sporadic issue / system instability, resulting in a kernel crash, in a small number of SOM devices.</p> <p>After technical investigation and testing it was determined that the following update solved the issue.</p> <p>A change in the DDR3 memory configuration / increase of the drive strength (DSE) from 40 Ohm to 34 Ohm fixes the instability problem. The u-boot software was updated to incorporate the change and released to github.</p> <p>The modification has been validated by Digi and the customers reporting the issue.</p>
Affected Part Numbers	<p><u>ConnectCore 6 / 6N</u> ConnectCore 6 / 6N System-on-Module (SOM)</p> <ul style="list-style-type: none"> · CC-WMX-J97C-TN · CC-WMX-L96C-TE · CC-WMX-L87C-TE · CC-MX-L76C-Z1 · CC-MX-L86C-Z1 · CC-MX-L96C-Z1 · CC-WMX-L76C-TE · CC-WMX-K87C-FJA · CC-WMX-K77C-TE · CC-WMX-L97D-TN · CC-WMX-J98C-FJA · CC-WMX-J97C-N · CC-WMX-L87C-N · CC-WMX-K87C-NFJA · CC-WMX-L97D-NRV · CC-WMX-L97D-N · CC-WMX-J98C-NFJA · CC-WMX-J98C-N · CC-WMX-L76C-N · CC-WMX-K87C-N <p>ConnectCore 6 Jumpstart Dev Kit (SBC with ConnectCore 6/6N SOM)</p> <ul style="list-style-type: none"> · CC-WMX6-KIT · CC-WMX6N-KIT · CC-SB-WMX-J97C

	<ul style="list-style-type: none">· CC-SB-WMX-L87C· CC-SB-WMX-L76C· CC-SB-WMX-J97C-N· CC-SB-WMX-L87C-N
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Timing of Change	Software patches are available on Github for all different DEY releases / branches now: https://github.com/digi-embedded/meta-digi/
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Notes	Digi recommends applying the change for new products and if stability issues have been seen with products in the field.
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Authorization	Digi International OEM Solutions Product Management
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