

Product Change Notification (PCN)

PCN #: 12B-2022

DATE: 12/19/2022

1 PRODUCTS AFFECTED – TOP LEVEL PART NUMBERS

Laird Part Number	Old Rev	New Rev	Description
WB50NBT Series Hardware Only Part Numbers			
WH-WB50NBT 453-00107	2.0	3.0	Module, 50 Series, WB50NBT with No Software
WB50NBT Series Custom Programmed Part Numbers			
453-00019	2.0	3.0	Module, 50 Series, WB50NBT with Custom Software
453-00023	2.0	3.0	Module, 50 Series, WB50NBT with Custom Software
453-00033	2.0	3.0	Module, 50 Series, WB50NBT with Custom Software
453-00034	5.0	6.0	Module, 50 Series, WB50NBT with Custom Software
453-00112	2.0	3.0	Module, 50 Series, WB50NBT with Custom Software

2 DESCRIPTION OF CHANGES

Model	Rev	Rev	Description
WB50NBT	1.0	2.0	<ul style="list-style-type: none"> Micron Flash, MT29F1G08ABAEAH4-ITX:E, is going to End Of Life (EOL) and enter EOL control Macronix flash, MX30LF1G18AC-XKI, is pin to pin compatible alternative part

3 REASON FOR CHANGE

- Micron MT29F1G08ABAEAH4-ITX:E was scheduled for obsolescence and will be discontinued
- Laird Connectivity found the pin to pin alternative part from Macronix, MX30LF1G18AC-XKI as the alternative.

4 ANTICIPATED IMPACT OF THE CHANGE

- There is no hardware change to the customer's design using any WB50NBT variant.
- However existing software images generated by the customer or Laird Connectivity are not guaranteed to boot on the updated hardware.

The information in this document is subject to change without notice.

- All customers utilizing Laird Connectivity's factory software image programming need to contact our Support Team to update their factory software image to the latest appropriate software release that supports the new memory's timings.
- All customers generating custom software images need to contact our Support Team to receive an updated Board Support Package (BSP) that supports the new memory's timings.

5 METHOD OF IDENTIFYING THE CHANGED PRODUCT

WB50NBT

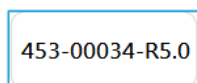
- **Hardware version code** shown on the safety label – changing Rev: from 2.0 to 3.0 and it can be identified in the lower center of product labels on WB50NBT as below:-



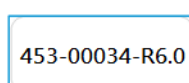
- For custom programmed part numbers there is also an additional label placed on the product which shows the custom top level part number and specific revision. That will be updated based on the table in section 1.

Example for 453-00034's custom programmed top level part number label:

Before Change



After Change



6 FACTORY EFFECTIVITY DATE

- Implementation estimated to begin in Q2 2024.

7 CONTACT INFORMATION

Headquarters

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Contact

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Product Change Notices (PCNs) will be distributed at the discretion of Laird Connectivity. Occasionally, Laird Connectivity may adjust product revision levels for internal tracking purposes only, and customers may not receive formal notifications associated with those revision changes.