

Product Change Notification (PCN)

PCN #: 8A-2023

DATE: August 23, 2023

1 PRODUCTS AFFECTED

| Laird Part Number | Description |
|-------------------|--|
| 453-00070R | Module, Summit SOM 8M Plus, Quad Core CPU, 512MB LPDDR4, 8GB eMMC, Tape and Reel |
| 453-00070C | Module, Summit SOM 8M Plus, Quad Core CPU, 512MB LPDDR4, 8GB eMMC, Cut Tape |
| 453-00071R | Module, Summit SOM 8M Plus, Quad Core CPU, 1GB LPDDR4, 8GB eMMC, Tape and Reel |
| 453-00071C | Module, Summit SOM 8M Plus, Quad Core CPU, 1GB LPDDR4, 8GB eMMC, Cut Tape |
| 453-00072R | Module, Summit SOM 8M Plus, Quad Core CPU, 2GB LPDDR4, 16GB eMMC, Tape and Reel |
| 453-00072C | Module, Summit SOM 8M Plus, Quad Core CPU, 2GB LPDDR4, 16GB eMMC, Cut Tape |
| 453-00135R | Module, Summit SOM 8M Plus, Quad Core CPU, 4GB LPDDR4, 32GB eMMC (Tape/Reel) |
| 453-00135C | Module, Summit SOM 8M Plus, Quad Core CPU, 4GB LPDDR4, 32GB eMMC (Cut Tape) |
| 453-00070-K1 | Development Kit, Summit SOM 8M Plus, Quad Core CPU, 512MB LPDDR4, 8GB eMMC |
| 453-00071-K1 | Development Kit, Summit SOM 8M Plus, Quad Core CPU, 1GB LPDDR4, 8GB eMMC |
| 453-00072-K1 | Development Kit, Summit SOM 8M Plus, Quad Core CPU, 2GB LPDDR4, 16GB eMMC |
| 453-00135-K1 | Development Kit, Summit SOM 8M Plus, Quad Core CPU, 4GB LPDDR4, 32GB eMMC |

2 DESCRIPTION OF CHANGES

All changes have been applied to the part numbers listed above:

- Change the MAC OUI from C0EE40 to B0FB15 for Ethernet MACs.
- Change the MAC OUI from C0EE40 to B0FB15 for Wi-Fi MACs.

3 REASON FOR CHANGE

As part of a normal consumption of MAC addresses for our connectivity products, available MAC addresses for a specific OUI are exhausted and a new OUI is required to allow continued supply of unique MAC addresses for Laird Connectivity products.

Our OUI C0EE40 is nearing the end of the available MAC addresses and a new OUI is needed to maintain supply of products without interruption.

4 ANTICIPATED IMPACT OF THE CHANGE:

- The OUI change has no hardware or electrical impact on the devices.
- However existing software images generated by the customer or Laird Connectivity will not have operational Wi-Fi connectivity on the updated hardware.
- All customers generating custom software images need to contact our Support Team to receive an updated Board Support Package (BSP) that supports the new OUI
- Labeling of the devices utilizing the new OUI (B0FB15) will change. The change is to replace the old OUI with the new one. Examples, by product, are shown in section 5 of the PCN.

5 METHOD OF IDENTIFYING THE CHANGED PRODUCT

5.1 Product Laser-etching

Summit SOM 8M Plus series

Before this PCN, the Wi-MAC with C0EE40 MAC OUI is laser-etched on the RF shield and embedded in the 2D barcode.

Here's an example of the existing laser-etching for 453-00070R and 453-00070C.



After this PCN, both the Wi-Fi MAC and ELAN MAC with B0FB15 OUI will be laser-etched on the RF shield and embedded in the 2D barcode.

Here's an example of the future laser-etching for 453-00070R and 453-00070C.



6 FACTORY EFFECTIVITY DATE

These changes will be implemented into manufacturing starting from Date Codes, as outlined below for each product variant. The date code is shown on each label, as format SSYYWWD.

SS = Supplier code

YY = last two numbers of the year (ex: 18=2018, 19=2019)

WW = Week of the year

D = day of the week (ex: Sun=1, Mon=2, Tue=3, Wed=4, Thu=5, Fri=6, Sat=7)

| Laird Part Number | Factory Effectivity – Date Codes |
|-------------------|----------------------------------|
| 453-00070R | 1123352 |
| 453-00070C | 1123352 |
| 453-00071R | 1123352 |
| 453-00071C | 1123352 |
| 453-00072R | 1123352 |
| 453-00072C | 1123352 |
| 453-00135R | 1123352 |
| 453-00135C | 1123352 |
| 453-00070-K1 | 1123352 |
| 453-00071-K1 | 1123352 |
| 453-00072-K1 | 1123352 |
| 453-00135-K1 | 1123352 |

Contact Information:

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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.