

Product Change Notification (PCN)

PCN # 2B-2024

DATE: February 19th, 2024

1 PRODUCTS AFFECTED

Laird Part Number	Old Rev	New Rev	Description
T700_SMARC_SOM_4r16e	10	20	Tungsten 700 SMARC SOM: Genio 700 / 4GB / 16GB eMMC
T700_SMARC_SOM_8r16e	10	20	Tungsten 700 SMARC SOM: Genio 700 / 8GB / 16GB eMMC

2 DESCRIPTION OF CHANGES

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

- Power Good Mode made SMARC compliant
- Force Recovery Mode made SMARC compliant
- 10/100 Ethernet LED addition
- SD Card Detect Signal: Fixed
- EDP Hotplug Detect: Fixed

3 REASON FOR CHANGE

The hardware updates to the Tungsten 700 design are to ensure compatibility to the SMARC v2.1.1 specification.

4 ANTICIPATED IMPACT OF THE CHANGE:

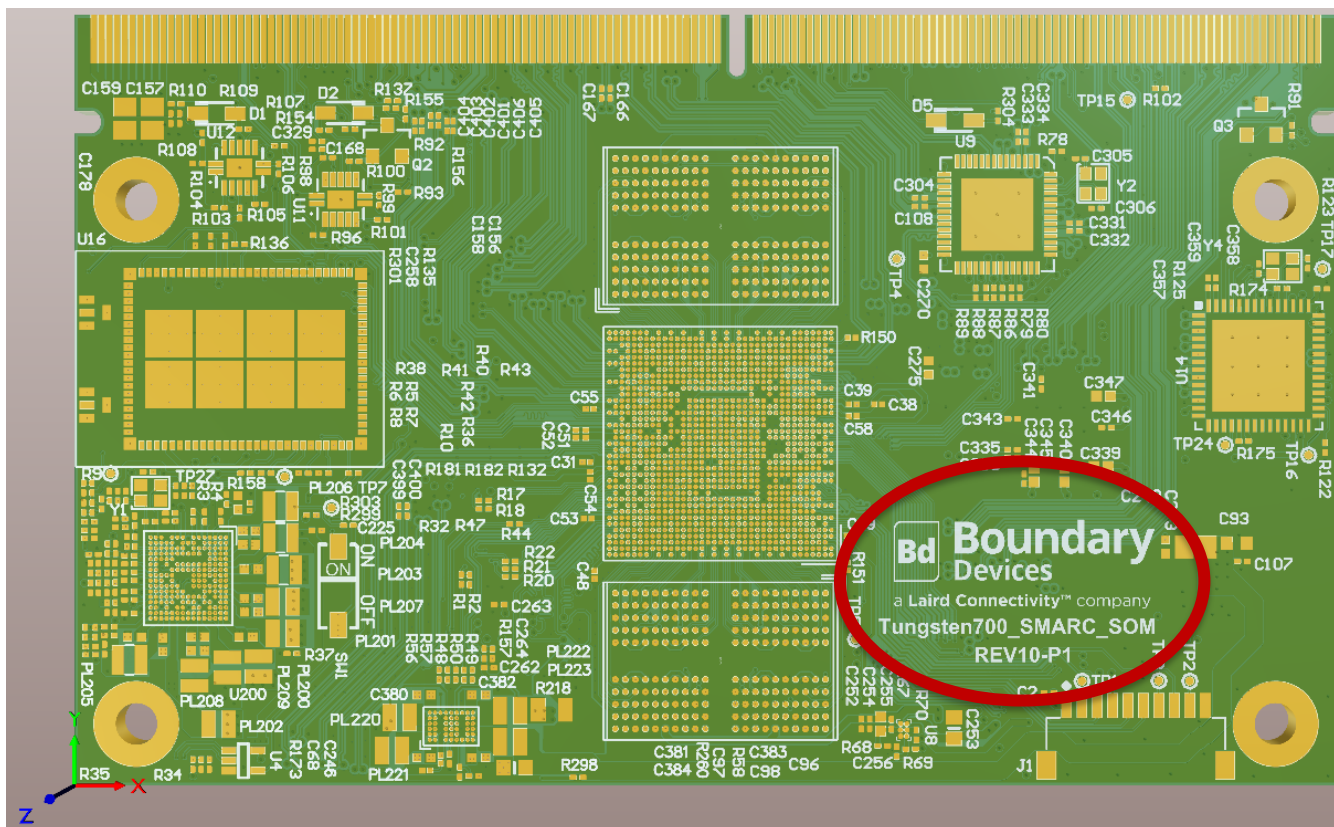
- Power Good Mode and Force Recovery Mode: Improved SMARC compliance with no impact on the carrier board
- 10/100 Ethernet LED: Additional Feature
- SD Card Detect Signal and EDP Hotplug Detect: Fixed Bug

5 METHOD OF IDENTIFYING THE CHANGED PRODUCT

5.1 Silk Screen

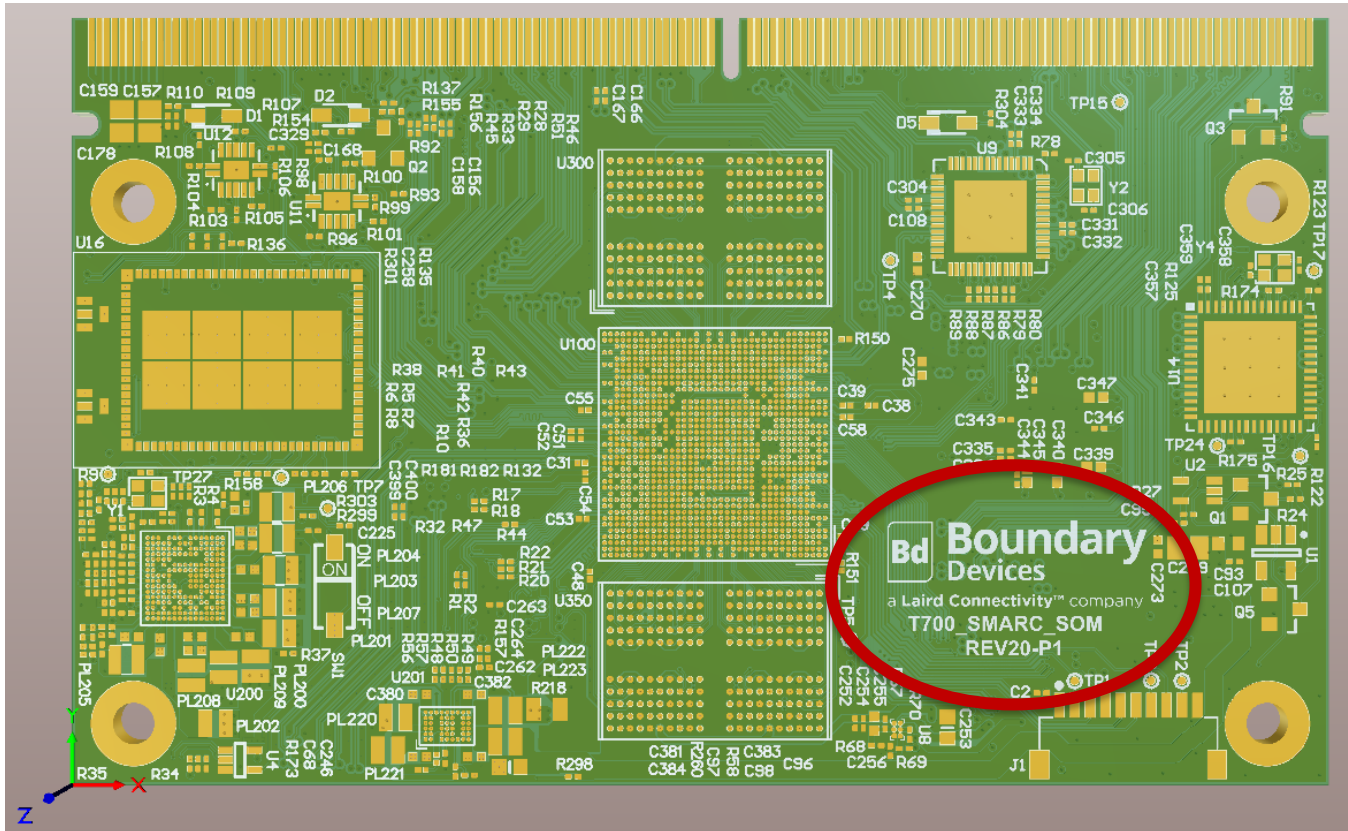
Prior to this PCN, the silk screen on the SOM showed as Tungsten700_SMARC_SOM REV10-P1.

Here's an example of the silk screen for REV10-P1 SMARC SOM



After this PCN, the silk screen was updated to T700_SMARC_SOM REV20-P1

Here's an example of the newest T700_SMARC_SOM REV, REV20-P1



6 FACTORY EFFECTIVITY DATE

These changes will be implemented into all new manufacturing builds from February 2024 onwards.

7 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.