

Product Change Notification (PCN)

PCN #: 80-2021

DATE: 8/27/2021

1 PRODUCTS AFFECTED

Laird Part Number	Old Rev.	New Rev.	Description
450-00011-K1	6	8	Sentrius MG100 micro gateway, LTE-M & NB1 modem, Bluetooth LE, MVNO SIM
450-00038-K1	6	8	Sentrius MG100 micro gateway, LTE-M & NB1 modem, Bluetooth LE, battery backup, MVNO SIM
450-00039-K1	7	9	Sentrius MG100 micro gateway, LTE-M & NB1 modem, Bluetooth LE, external antenna, MVNO SIM
450-00054-K1	7	9	Sentrius MG100 micro gateway, LTE-M & NB1 modem, Bluetooth LE, external antenna, battery backup, MVNO SIM
453-00010-K1	5	7	Development Kit, Pinnacle 100, Integrated Antenna
453-00011-K1	5	7	Development Kit, Pinnacle 100, 3 U.FL
Modem Part Number			
453-00010	8	10	Module, Pinnacle 100 Modem, U.FL and Integrated Antenna
453-00011	8	10	Module, Pinnacle 100 Modem, 3 U.FL
Starter Kit			
455-00120	6	7	Starter Kit, Sentrius MG100 Micro Gateway & BT510

These top-level part numbers include various accessories and packaging, as well as the main Sentrius MG100 Gateway. All changes implemented in these kits have been associated with the MG100 gateway itself and the table below shows the correlation between the gateway and associated kits.

Included Sentrius MG100 Gateway – Internal Part Number				
Laird Part Number	Old Rev.	New Rev.	Description	Associated Kit
450-00011	6	8	Assembly, Sentrius MG100 Micro Gateway, LTE-M & NB1 Modem, BLE, Trufone MVNO SIM	450-00011-K1
450-00038	6	8	Assembly, Sentrius MG100 Micro Gateway, LTE-M & NB1 Modem, BLE, Battery Backup, Trufone MVNO SIM	450-00038-K1
450-00039	7	9	Assembly, Sentrius MG100 Micro Gateway, LTE-M & NB1 Modem, BLE, External Antenna, Trufone MVNO SIM	450-00039-K1
450-00054	7	9	Assembly, Sentrius MG100 Micro Gateway, LTE-M & NB1 Modem, BLE, External Antenna, Battery Backup, Trufone MVNO SIM	450-00054-K1 & 455-00120
453-00010	8	10	Module, Pinnacle 100 Modem, U.FL and Integrated Antenna	450-00011 & 450-00038
453-00011	8	10	Module, Pinnacle 100 Modem, 3 U.FL	450-00039 & 450-00054

2 DESCRIPTION OF CHANGES

All changes have been applied to the modem and gateway assembly part number(s) listed above:

- Added UKCA certification logo to Pinnacle 100 modem module label.
- Added UKCA certification logo to back of MG100 gateway label.

All changes have been applied to all assembly part numbers listed above:

- GA4.5 FW Release – v5.0.0

Release Notes are located at: [GA4.5 FW Release Notes](#)

Some of the assemblies and kits have multiple changes or combination of the changes described above. These assemblies and kits will show a multiple level revision change.

3 REASON FOR CHANGE

- To ensure compliance with latest UKCA certification standards
- GA4.5 FW update for MG100 Gateway & Pinnacle 100 Dev Kits

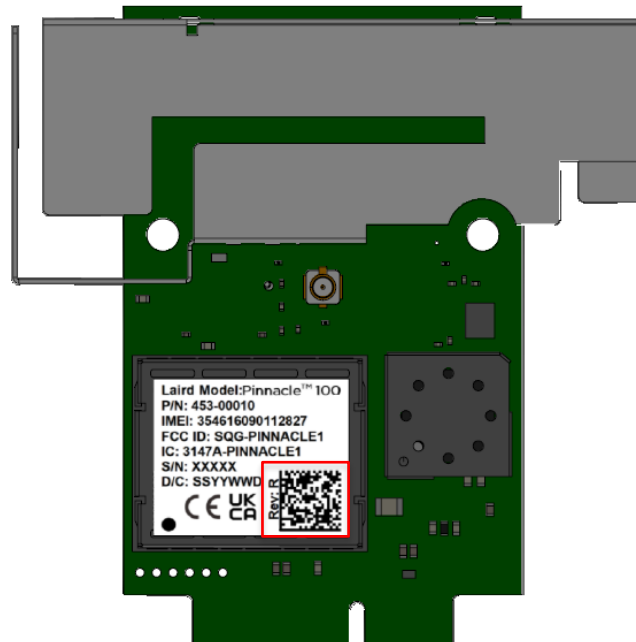
4 ANTICIPATED IMPACT OF THE CHANGE:

- New feature and bug improvements as per release notes, linked above

5 METHOD OF IDENTIFYING THE CHANGED PRODUCT

5.1 Modem Part Number Changes (Modem Label)

- Revision change available as revision number printed and within the barcode.



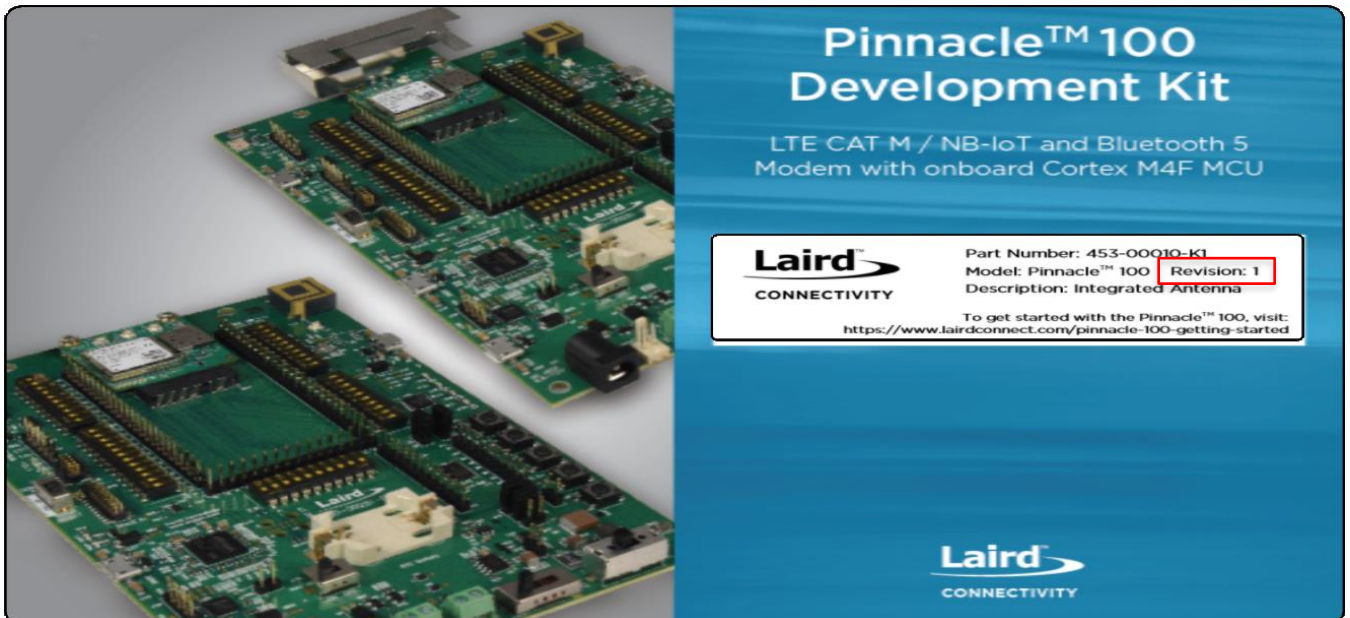
5.2 MG100 Gateway Part Number Changes (Gateway Label)

- Revision change available as revision number printed and within the barcode.



5.3 Top Level Part Number Changes (Packaged Kits)

- The product revision level is defined as a revision number printed on the content label for all kits. The specific kit part number and revision can be found on the label within red square area, as highlighted below.





Sentrius™ MG100 Micro Gateway

 Model: Sentrius™ MG100	Part Number: 450-00011-K1 Rev: R Description: Integrated Antenna Battery Back-Up Option
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To get started with the MG100, visit:
[www.lairdconnect.com/
MG100-Gateway](http://www.lairdconnect.com/MG100-Gateway)



6 FACTORY EFFECTIVITY DATE

This will be a rolling change with the new revision shipping starting in fourth quarter 2021 or later as existing stock is consumed.

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.

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