

Information note

Topic BMD-300 and BMD-301 u-blox production and branding

UBX-20007336

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1 Affected products

Product name	Ordering code	Type number	New/successor type number
BMD-300	BMD-300-A-R	BMD-300-A-R-00	BMD-300-A-R-10
BMD-301	BMD-301-A-R	BMD-301-A-R-00	BMD-301-A-R-10

2 Type of change

- Hardware modification
- Firmware update
- Documentation update
- Others

3 Description of change

On July 31, 2019, u-blox acquired Rigado's Bluetooth module business, including the above listed products. The following changes are being done to integrate these products to the u-blox portfolio and harmonize their production.

3.1 New type numbers

For traceability the revised products can be identified with the new type numbers according to the table in section 1 above. Ordering codes remain unchanged.

3.2 Manufacturing location update

A new manufacturing location will be added:

Flextronics Int. GmbH
Friesacher Strasse 3
Althofen, 9330
Austria

3.3 Change of visual appearance

3.3.1 Module label

The label affixed to the module will be updated. The new label will include the u-blox brand logo, and an updated 2D bar code containing the serial number and Bluetooth MAC address. See the updated BMD-300 data sheet [1] and the BMD-301 data sheet [2] for the full specifications of the new label.

3.3.2 Module marking

The Rigado brand name marking on the PCB will be changed to show the u-blox brand name.

3.4 Change of packaging

The inner product packaging (tape and reel) and the outer packaging (“pizza box”) will be changed to the u-blox standard packaging and labels. Reel diameter and quantity per reel remains the same, and for the tape the changes are only very minor changes of the pocket width and tolerances. For further details see the BMD-300 data sheet [1], the BMD-301 data sheet [2] and the u-blox package information guide [3].

3.5 Bluetooth device address range

The factory programmed Bluetooth device (MAC) address will have a new range, starting with an organizationally unique identifier (OUI) assigned to u-blox by the IEEE. See the BMD-300 data sheet [1] and the BMD-301 data sheet [2] for further details.

3.6 Documentation update

Documentation has been updated to reflect the changes described in this document.

4 Schedule

The updated documentation is available now.

The earliest transition date for the updated module versions is March 14, 2020. The earliest transition date is the date at which customers should be prepared to receive the changed product. u-blox will continue to ship the old version until the inventory has been depleted. This may result in the old version being shipped to customers beyond the earliest transition date.

4.1 Identification

The updated products can be identified with the new type numbers and labels according to the table in section 1 above.

5 Customer impact and recommended action

It is recommended to review the updated documentation.

The changes of the module marking may require updates of visual inspection systems and goods arrival processes, or other systems that are using the label information, for example the 2D bar code content.

6 Reference documents

- [1] BMD-300 data sheet, doc. no. [UBX-19033350](#)
- [2] BMD-301 data sheet, doc. no. [UBX-19033351](#)
- [3] u-blox Package Information, doc. no. [UBX-14001652](#)