Information note

Topic	**EVK-M9DR reached Initial Production**
	UBX-23006159 C1-Public
Author	Georgi Gorine
Date	22 May 2023

1   Affected products

Product name	Ordering code	Type number	Firmware	Remarks
EVK-M9DR	EVK-M9DR-0	EVK-M9DR-0-00	MDR 2.10	Old version going to Obsolete
EVK-M9DR	EVK-M9DR-0	EVK-M9DR-0-01	MDR 2.16	New version in Initial Production

2   Type

☒ Product status change   ☒ Documentation update

☒ Hardware/component change   ☐ Certification information

☒ Firmware/software update   ☐ Security advisory

☒ Label change   ☐ Other

3   Description

The new EVK-M9DR version, EVK-M9DR-0-01, has been released in Initial Production status, and replaces the older EVK-M9DR-0-00 version, which is going to Obsolete status.

The new EVK-M9DR [1][2] features the following updates with respect to the older version:

- Firmware: the new version comes pre-loaded with the firmware MDR 2.16 instead of MDR 2.10.

- Hardware: a coin cell battery holder has been added, along with the existing super-capacitor and external micro-USB connector, to supply the backup power (V_BCKP).

- Label: the new evaluation kit is labelled as EVK-M9DR-0-01.

☞ The EVK-M9DR is designed to support both the ADR and the MDR firmware. The EVK comes preloaded with the MDR 2.16 firmware [3] for NEO-M9V and UBX-M9340-KB evaluation. It needs to be reprogrammed with the latest ADR 5.15 firmware [4] for evaluation of the NEO-M9L or UBX-M9140-KA-DR.

4 Schedule

The evaluation kits with old type numbers enter Obsolete status with the following schedule:

Old product type number	Old firmware	Product status	Estimated last shipment
EVK-M9DR-0-00	MDR 2.10	Obsolete	01-June-2023

The evaluation kits with the new type numbers can be ordered with standard delivery times, following the schedule:

New product type number	New firmware	Product status	Estimated first shipment date[1]
EVK-M9DR-0-01	MDR 2.16	Initial Production	22-May-2023

5 Customer impact and recommended action

- Previous EVK-M9DR-0-00 versions can be used by customers for evaluation, as the u-blox module and RF path remain unchanged with respect to the new version.
- It is recommended that customers review the updated user guide [1] and take necessary actions to update their evaluation kits to the latest MDR 2.16 firmware or ADR 5.15, both available for downloading on our website.
- The previous version enters Obsolete status and is replaced with the new version in Initial Production status as of today.

6 Related documentation

[1]   EVK-M9DR Product summary, UBX-21046233
[2]   EVK-M9DR User guide, UBX-21049360
[3]   u-blox M9 MDR 2.16 firmware Release note, UBX-22037070
[4]   u-blox M9 ADR 5.15 firmware Release note, UBX-22037179

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[1] The estimated first shipment date is the forecasted date when a customer may expect to receive the changed product with the new type number. This is determined by the estimated date of inventory depletion on the IN issue date. This may be affected by fluctuations in supply and demand. Consequently, although customers should be prepared to receive the changed product on this date, u-blox will continue to ship the pre-changed product until the inventory has been depleted. This may result in the pre-changed product being shipped to customers after this forecasted date.