

Product Change Notification

Topic NEO-M9L firmware update and new type number
UBX-22037180 C1-Public

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1 Affected products

Product name	Ordering code	Type number (old)	Type number (new)	Remarks
NEO-M9L	NEO-M9L-01A	NEO-M9L-01A-00	NEO-M9L-01A-01	FW upgrade
NEO-M9L	NEO-M9L-20A	NEO-M9L-20A-00	NEO-M9L-20A-01	FW upgrade

2 Type

- | | |
|--|--|
| <input checked="" type="checkbox"/> Product status change | <input checked="" type="checkbox"/> Documentation update |
| <input type="checkbox"/> Hardware/component change | <input type="checkbox"/> Certification information |
| <input checked="" type="checkbox"/> Firmware/software update | <input type="checkbox"/> Security advisory |
| <input checked="" type="checkbox"/> Label change | <input type="checkbox"/> Other |

3 Description

The affected products may be identified according to the type number as follows:

Old product type number	Old firmware version	New product type number	New firmware version
NEO-M9L-01A-00	Flash FW 1.00 ADR 5.10	NEO-M9L-01A-01	Flash FW 1.00 ADR 5.15
NEO-M9L-20A-00	Flash FW 1.00 ADR 5.10	NEO-M9L-20A-01	Flash FW 1.00 ADR 5.15

The new firmware Flash FW 1.00 ADR 5.15 has been released for the NEO-M9L, with enhanced performance in corner case scenarios. The new firmware is documented in [1] and [2] and available for download at [3]. No new features have been introduced or modified [4].

The NEO-M9L-01A-01 and NEO-M9L-20A-01 modules are in mass production status and are shipped with the new firmware. These replace the NEO-M9L-01A-00 and NEO-M9L-20A-00 variants with the old firmware, which are going to end of life.

The overall mechanical specifications of the new variants remain unchanged. A more detailed description regarding the residual tabs resulting from the de-paneling procedure during the production process has been added to the data sheets [5] and [6].

4 Schedule

The products with old type numbers enter end of life with the following schedule:

Old product type number	Old firmware	Product status	Estimated last shipment
NEO-M9L-01A-00	ADR 5.10	End of Life	01-Mar-2023
NEO-M9L-20A-00	ADR 5.10	End of Life	01-Mar-2023

The products 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
NEO-M9L-01A-01	ADR 5.15	Mass Production	01-Dec-2022
NEO-M9L-20A-01	ADR 5.15	Mass Production	01-Dec-2022

5 Customer impact and recommended action

It is recommended that customers review the release notes [1] and take necessary actions to migrate to the latest ADR 5.15 firmware for the NEO-M9L products. The released firmware, Flash FW 1.00 ADR 5.15, is available for downloading on our website [3]. The new product variants are physically identical to the old variants and conformant with the old specification.

The previous variants enter end of life and are replaced with the new variants in mass production status as of today.

6 Related documentation

- [1] u-blox M9 ADR 5.15 firmware Release notes, [UBX-22037179](#)
- [2] u-blox M9 ADR 5.15 Interface description, [UBX-22037101](#)
- [3] UBX-M9140-KA-DR and NEO-M9L FW ADR 5.15, [firmware](#)
- [4] NEO-M9L Integration manual, [UBX-20048485](#)
- [5] NEO-M9L-01A Data sheet, [UBX-20016394](#)
- [6] NEO-M9L-20A Data sheet, [UBX-21028129](#)

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 PCN 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.