

Product change note

Topic **NINA-W131/W132-04B u-connectXpress update**

UBX-23010493 C1-Public

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1 Affected products

Product name	Ordering code	Old type number	New type number	Remarks
NINA-W131	NINA-W131-04B	NINA-W131-04B-00	NINA-W131-04B-01	
NINA-W132	NINA-W132-04B	NINA-W132-04B-00	NINA-W132-04B-01	

2 Type

- | | |
|--|--|
| <input 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 type="checkbox"/> Label change | <input type="checkbox"/> Other |

3 Description

With the u-connectXpress software v5.2.0 for NINA-W13, the module does not return to standby mode after performing a scan for Wi-Fi access points. When completing the scan, the software does not disconnect the Wi-Fi radio and instead remains in Receiving mode. This results in increased current consumption that is equal to the difference in the Receiving and Standby modes, as specified in the data sheet [1].

This issue is resolved in the u-connectXpress v5.2.2 software [3] that is pre-flashed in products with the new type numbers, as described in [Affected products](#). The workaround for this issue is described in the software release note for v5.2.0 [2].

4 Schedule

Product type number (new)	Sample availability date	Estimated first shipment date ¹
NINA-W131-04B-01	8 September, 2023	8 September, 2023
NINA-W132-04B-01	8 September, 2023	8 September, 2023

5 Customer impact and recommended action

- The new type numbers are pin-to-pin compatible with its predecessor.
- As successor products carry the same regulatory certifications as their predecessors, no additional testing or qualification of the end-product is required.
- It is possible for the customer to upgrade NINA-W13x-04B-00 units to the new v5.2.2 u-connectXpress software.

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.

6 Related documentation

- [1] NINA-W13 data sheet, [UBX-17006694](#)
- [2] Release note, u-connectXpress software v5.2.0 for NINA-W13, [UBX-22038196](#)
- [3] Release note, u-connectXpress software v5.2.2 for NINA-W13, [UBX-23010491](#)