

Product change note

Topic New flash memory qualified for NINA-B2/W13/W15
UBX- 21043575 C1-Public

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1 Affected products

Product name	Ordering code	Type number (old)	Type number (new)	Remarks
NINA-B221	NINA-B221-03B	NINA-B221-03B-00	NINA-B221-03B-01	
NINA-B222	NINA-B222-03B	NINA-B222-03B-00	NINA-B222-03B-01	
NINA-W131	NINA-W131-03B	NINA-W131-03B-00	NINA-W131-03B-01	
NINA-W132	NINA-W132-03B	NINA-W132-03B-00	NINA-W132-03B-01	
NINA-W151	NINA-W151-03B	NINA-W151-03B-00	NINA-W151-03B-01	
NINA-W152	NINA-W152-03B	NINA-W152-03B-00	NINA-W152-03B-01	

2 Type

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

3 Description

A second source for flash memory components used in the products listed above has now been qualified. Consequently, this alternative memory component will be used in combination with the originally qualified part – depending on availability. The two parts are the same in most respects, except that the second-source components are pre-configured for high-performance mode or low-current consumption mode. The boot loader in the u-blox modules forces the memory of these components into high-performance mode at every start-up. Consequently, the modules will behave the in the same way in the customer application – regardless of which memory part is used.

4 Schedule

Product type number (new)	Estimated first shipment date ¹
NINA-B221-03B-01 / NINA-B222-03B-01	22 November 2021
NINA-W131-03B-01 / NINA-W132-03B-01	22 November 2021
NINA-W151-03B-01 / NINA-W152-03B-01	22 November 2021

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.

6 Related documentation

- [1] NINA-B2 data sheet, [UBX-18006649](#)
- [2] NINA-W13 data sheet, [UBX-17006694](#)
- [3] NINA-W15 data sheet, [UBX-18006647](#)

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.