

Information note

Topic NINA-B2/W1 updated certification for EU
UBX- 21010353 C1-Public

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1 Affected products

Product name	Ordering code	Type number	Software	Remarks
NINA-B221	NINA-B221-00B	NINA-B221-00B-01	1.0.0	
NINA-B221	NINA-B221-01B	NINA-B221-02B-00	3.0.0	
NINA-B222	NINA-B222-00B	NINA-B222-00B-01	1.0.0	
NINA-B222	NINA-B222-01B	NINA-B222-02B-00	3.0.0	
NINA-W101	NINA-W101-00B	NINA-W101-00B-00	N/A	
NINA-W101	NINA-W101-01B	NINA-W101-01B-00	N/A	
NINA-W102	NINA-W102-00B	NINA-W102-00B-00	N/A	
NINA-W102	NINA-W102-01B	NINA-W102-01B-00	N/A	
NINA-W106	NINA-W106-00B	NINA-W106-00B-00	N/A	
NINA-W131	NINA-W131-00B	NINA-W131-00B-02	1.0.1	
NINA-W131	NINA-W131-01B	NINA-W131-01B-01	2.0.0	
NINA-W131	NINA-W131-02B	NINA-W131-02B-00	3.0.0	
NINA-W132	NINA-W132-00B	NINA-W132-00B-02	1.0.1	
NINA-W132	NINA-W132-01B	NINA-W132-01B-01	2.0.0	
NINA-W132	NINA-W132-02B	NINA-W132-02B-00	3.0.0	
NINA-W151	NINA-W151-00B	NINA-W151-00B-01	1.0.0	
NINA-W151	NINA-W151-02B	NINA-W151-02B-00	3.0.0	
NINA-W152	NINA-W152-00B	NINA-W152-00B-01	1.0.0	
NINA-W152	NINA-W152-02B	NINA-W152-02B-00	3.0.0	

2 Type

- | | |
|--|---|
| <input type="checkbox"/> Product status change | <input type="checkbox"/> Documentation update |
| <input type="checkbox"/> Hardware/component change | <input checked="" 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

The Radio Equipment Directive (RED) is the regulatory framework for all radio equipment that is placed on the market in the European Union. Within RED, the standard ETSI EN 300 328 affects equipment operating in the 2.4 GHz band, such as Wi-Fi and Bluetooth modules.

This standard has been updated with new requirements. The previous version, 2.1.1, will be withdrawn on the 6th August 2021 and is replaced by version 2.2.2.

During testing against EN 300 328 v2.2.2, u-blox found that the products listed above do not comply with some of the new requirements. To fully comply to the updated standard, a new SDK version is required from the chip supplier, Espressif.

An updated version of the u-connectXpress software, version 4.0, for NINA-B2, NINA-W13 and NINA-W15 is being prepared. u-blox has confirmed that this software is compliant with the updated requirements at an authorized test house.

For the products delivered without the u-connectXpress software, that is the NINA-W10 series, customers should check that the Espressif IDF SDK includes the respective patch ID shown below.

Espressif IDF	Patch ID
v4.0	3687627226f6023efc177db805855ff0962bb797
v4.1	4a1cfff12caa97ec89e72dcc70c44b1c361cafa8
v4.2	21b02a930276d60c47d261db50f27a39bbc23863

4 Customer impact and recommended action

Customers using the NINA-W10 open CPU modules should check that their application software is built using an SDK version that includes the relevant patch number, as shown above.

For customers using NINA-B2, NINA-W13, or NINA-W15, new ordering codes will be issued for modules with updated u-connectXpress software that complies with the new ETSI test cases. Once the new ordering codes are available, the preceding product versions will be discontinued to ensure that all u-blox-based products launched on the EU market comply with the regulatory requirements. The first orderable parts should be available from second half of April to first half of May 2021. Separate information will be provided once these new products are available.

Documentation, such as data sheets and software release notes, will be published as soon as they are available.

5 Related documentation

- [1] NINA-B2 data sheet, [UBX-18006649](#)
- [2] NINA-W10 data sheet, [UBX-17065507](#)
- [3] NINA-W13 data sheet, [UBX-17065507](#)
- [4] NINA-W15 data sheet, [UBX-18006647](#)