

Information Note

Topic NINA-B1 u-connectXpress software v5 available

UBX-19009096

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1 Affected Products

Product Name	Order Code	Type No	Remarks
NINA-B111	NINA-B111-00B	NINA-B111-00B-00	New ordering code with software v5 available: NINA-B111-04B
NINA-B112	NINA-B112-00B	NINA-B112-00B-00	New ordering code with software v5 available: NINA-B112-04B
NINA-B111	NINA-B111-01B	NINA-B111-01B-00	New ordering code with software v5 available: NINA-B111-04B
NINA-B112	NINA-B112-01B	NINA-B112-01B-00	New ordering code with software v5 available: NINA-B112-04B
NINA-B111	NINA-B111-02B	NINA-B111-02B-00	New ordering code with software v5 available: NINA-B111-04B
NINA-B112	NINA-B112-02B	NINA-B112-02B-00	New ordering code with software v5 available: NINA-B112-04B
NINA-B111	NINA-B111-03B	NINA-B111-03B-00	New ordering code with software v5 available: NINA-B111-04B
NINA-B112	NINA-B112-03B	NINA-B112-03B-00	New ordering code with software v5 available: NINA-B112-04B
EVK-NINA-B111	EVK-NINA-B111	EVK-NINA-B111-00	
EVK-NINA-B112	EVK-NINA-B112	EVK-NINA-B112-00	

2 Type of Change

- Hardware modification
- Software update available
- Documentation update
- Others

3 Description of Change

u-connectXpress software v5.0.0 for NINA-B1 is now available. The u-connectXpress software was previously known as the u-blox connectivity software.

The software contains all features of the previous software releases plus improvements and new features, such as:

- LE Secure Connections
- Major increase of GATT characteristics/services
- Extended Advertisements
- Improved customization possibilities for Device Information Service record

- Possibility to disable the DC/DC converter

The released software is for use in volume production. For details about this software release, please see the *Release notes* [2].

New ordering codes for modules with software v5 are:

- NINA-B111-04B
- NINA-B112-04B

The ordering codes for the modules with software v1, v2, v3 and v4 remains unchanged and are listed below:

- Software v4:
 - NINA-B111-03B
 - NINA-B112-03B
- Software v3:
 - NINA-B111-02B
 - NINA-B112-02B
- Software v2:
 - NINA-B111-01B
 - NINA-B112-01B
- Software v1:
 - NINA-B111-00B
 - NINA-B112-00B

All modules and evaluation kits can be updated to v5 via a software update. See the *NINA-B1 series System Integration Manual* [5] for instructions on how to upgrade your module.

3.1 Documentation update

The following documents have been updated to reflect the latest changes. See the revision history in each document for details.

- AT commands manual [3]
- NINA-B1 Data Sheet [4]
- NINA-B1 System Integration Manual [5]
- Using u-connectXpress software User Guide [6] (replaces the NINA-B1 Getting Started)
- NINA-B1 Product Summary [7]

4 Schedule

All documentation and software v5.0.0 are available for download from www.u-blox.com. Modules flashed with software v5.0.0 (ordering codes NINA-B111-04B and NINA-B112-04B) can be ordered now.

5 Customer Impact and Recommended Action

We recommend customers to review the updated documentation. Customers using the u-blox connectivity / u-connectXpress software are recommended to upgrade to the latest software [1] to take advantage of the latest updates and features, and verify the new software release in the end user application.

6 Reference Documents

- [1] [NINA-B1 u-connectXpress software v5.0.0 zip package](#)
- [2] [NINA-B1 u-connectXpress software v5.0.0 Release notes](#), UBX-19008637
- [3] [u-connect AT Commands Manual](#), UBX-14044127
- [4] [NINA-B1 Data Sheet](#), UBX-15019243
- [5] [NINA-B1 System Integration Manual](#), UBX-15026175
- [6] [Using u-connectXpress software User Guide](#), UBX-16024251
- [7] [NINA-B1 Product Summary](#), UBX-15018552