

IN – Information Note

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| Topic: | NINA-B1 Software v3 and Mass Production status |
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1 Affected Products

| Product Name | Ordering Code | Type Number | Remarks |
|---------------|---------------|------------------|---|
| NINA-B111 | NINA-B111-00B | NINA-B111-00B-00 | New ordering code with software v3: NINA-B111-02B |
| NINA-B112 | NINA-B112-00B | NINA-B112-00B-00 | New ordering code with software v3: NINA-B112-02B |
| NINA-B111 | NINA-B111-01B | NINA-B111-01B-00 | New ordering code with software v3: NINA-B111-02B |
| NINA-B112 | NINA-B112-01B | NINA-B112-01B-00 | New ordering code with software v3: NINA-B112-02B |
| 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, Mass Production status reached

3 Description of Change

3.1 NINA-B1 u-blox connectivity software v3.0.1 available

Version 3.0.1 of the *NINA-B1 u-blox connectivity software* [1] is now available. The software contains all features of previous software releases plus improvements and new features, such as:

- Improved throughput to more than 700 kbps
- NFC for simplified pairing and commissioning
- Out-of-band pairing

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 v3 are:

- NINA-B111-02B
- NINA-B112-02B

The ordering codes for modules with software v1 and v2 remains unchanged and are:

- 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 v3 via a software update. See the *NINA-B1 series System Integration Manual* [5] for instructions on how to upgrade your module.

3.2 Documentation update

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

- AT commands manual [3]
- NINA-B1 Data Sheet [4]
- NINA-B1 System Integration Manual [5]
- NINA-B1 Getting Started [6]
- NINA-B1 Product Summary [7]

3.3 Mass Production product status

The NINA-B1 series modules have passed the u-blox qualification process and the modules listed in section 1 are now in Mass Production status. The *Qualification Report* [8] is available on request. The new modules with software v3 are in Initial Production status currently and will move to Mass Production later.

4 Schedule

All documentation and software v3.0.1 are available for download from www.u-blox.com.

Modules flashed with software v3.0.1 will be available for orders in July 2017.

| Product Name | Ordering Code | Type Number | Software version | Availability | Product Status |
|--------------|---------------|------------------|------------------|--------------|--------------------|
| NINA-B111 | NINA-B111-02B | NINA-B111-02B-00 | 3.0.1 | July 2017 | Initial Production |
| NINA-B112 | NINA-B112-02B | NINA-B112-02B-00 | 3.0.1 | July 2017 | Initial Production |
| NINA-B111 | NINA-B111-01B | NINA-B111-01B-00 | 2.0.0 | Available | Mass Production |
| NINA-B112 | NINA-B112-01B | NINA-B112-01B-00 | 2.0.0 | Available | Mass Production |
| NINA-B111 | NINA-B111-00B | NINA-B111-00B-00 | 1.0.0 | Available | Mass Production |
| NINA-B112 | NINA-B112-00B | NINA-B112-00B-00 | 1.0.0 | Available | Mass Production |

5 Customer Impact and Recommended Action

We recommend that customers review the documentation updates, upgrade to the latest software [1], and verify the new release in the application.

6 Reference Documents

- [1] [NINA-B1 u-blox connectivity software v3.0.1 zip package](#)
- [2] [NINA-B1 u-blox connectivity software v3.0.1 Release notes](#), UBX-17023794
- [3] [u-blox Short Range Modules AT Commands Manual](#), UBX-14044127
- [4] [NINA-B1 Data Sheet](#), UBX-15019243
- [5] [NINA-B1 System Integration Manual](#), UBX-15026175
- [6] [NINA-B1 Getting Started](#), UBX-16009942
- [7] [NINA-B1 Product Summary](#), UBX-15018552
- [8] NINA-B1 Qualification Report, UBX-17013259