Information note

Topic	**NINA-B50 Professional grade Bluetooth low energy modules release to Initial Production**
	UBXDOC-465451970-3247 C1-Public
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Date	18 March 2024

1   Affected products

Product name	Ordering code	Type number	Software
NINA-B501	NINA-B501-00B	NINA-B501-00B-00	N/A – Open CPU
NINA-B506	NINA-B506-00B	NINA-B506-00B-00	N/A – Open CPU
EVK-NINA-B501	EVK-NINA-B501	EVK-NINA-B501-00	N/A – Open CPU
EVK-NINA-B506	EVK-NINA-B506	EVK-NINA-B506-00	N/A – Open CPU

2   Type

☒ Product status change   ☒ Documentation update
☐ Hardware/component change   ☒ Certification information
☐ Software update   ☐ Security advisory
☐ Label change   ☐ Other

3   Description

3.1   Product status change

The NINA-B50 professional grade Bluetooth low energy modules are now released for Initial Production. Final specifications for the product have been set, the production system is fully released, and several country certifications have now been completed. The details of this are described in the next section.

3.2   Certification and qualification

NINA-B50 modules are certified/compliant according to the regulatory requirements in:

- US (FCC/CFR 47 part 15, unlicensed modular transmitter approval)
- Canada (ISED)
- Europe (RED)
- Great Britain (UKCA)

Certifications in progress include:
- Japan (MIC)
- Taiwan (NCC)
- South Korea (KC)
- Australia/New Zealand (ACMA/RCM)

The product has been qualified in accordance with the Bluetooth Core Specification, version 5.3.

For further information about the completed certifications and the progress of additional country certifications, see the data sheet [1] and system integration manual [2].

3.3 Documentation updates

The documentation supporting the NINA-B50 modules and evaluation kits has now been updated to reflect the final module specifications [1][2][3][4].

The EU Declaration of conformity [5] and UKCA Declaration of conformity [6] have also been published.

4 Schedule

This information is effective as of March 15th, 2024. All modules shipped after the effective date have Initial Production status.

5 Customer impact and recommended action

Customers are advised to review the updated documentation.

6 Related documentation

[1]   NINA-B50 data sheet, UBX-22021114
[2]   NINA-B50 system integration manual, UBX-22021116
[3]   NINA-B50 product summary, UBX-23007102
[4]   EVK-NINA-B50 user guide, UBX-23007761
[5]   NINA-B50 EU Declaration of conformity, UBXDOC-465451970-3248
[6]   NINA-B50 UKCA Declaration of conformity, UBXDOC-465451970-3251