

PCN – Product Change Notification

Topic:	EVA-M8M firmware upgrade
	UBX-16012546
Author:	Uffe Pless
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1 Affected Products

Product Name	Order Number	Type No (Old)	Type No (New)	Remarks
EVA-M8M	EVA-M8M-0	EVA-M8M-0-00	EVA-M8M-0-10	ROM FW upgrade.
EVA-M8M	EVA-M8M-1	EVA-M8M-1-00	EVA-M8M-1-10	ROM FW upgrade.

2 Type of Change

Hardware modification

Firmware update

Others, _____

3 Description of Change

The affected products may be identified according to the type number as follows:

Product Type No	Firmware version	Remarks
EVA-M8M-0-00 (old)	ROM 2.01 / Flash FW 2.01	Default setting: GPS/GLONASS Variant
EVA-M8M-0-10 (new)	ROM SPG3.01 / Flash FW SPG3.01	Firmware upgrade – default setting GPS/GLONASS
EVA-M8M-1-00 (old)	ROM 2.01 / Flash FW2.01	Default setting: GPS/Beidou Variant
EVA-M8M-1-10 (new)	ROM SPG3.01 / Flash FW SPG3.01	Firmware upgrade – default setting GPS/Beidou

3.1 FW upgrade

From the date indicated below (section 4) a new firmware release will be applied to the above products in production. The new ROM SPG 3.01 offers Galileo reception, improved BeiDou performance and many other new features. For full change details, see SPG 3.01 Release Note [1], EVA-M8M Data Sheet [2], and other documents listed in section 6.

4 Schedule

Product type number	Samples availability date	Estimated first shipment date ¹
EVA-M8M-0-10	June 13, 2016	September 13, 2016
EVA-M8M-1-10	June 29, 2016	September 29, 2016

Documentation: See [Reference](#) Documents

5 Customer Impact and Recommended Action

u-blox has taken all measures to insure SPG 3.01 is backward compatibility to the FW 2.01 based EVA-M8M modules.

u-blox will offer EVA-M8M-0-10 and EVA-M8M-1-10 samples with SPG3.01 for customers to evaluate. Please contact your local Sales representative.

6 Reference Documents

- [1] GNSS FW3.01 Release Note (UBX-16000319)
- [2] EVA-M8M (FW3) Data Sheet (UBX-16007405)
- [3] EVA-8M / EVA-M8M (FW3) Hardware Integration Manual (UBX-16010593)
- [4] u-blox 8 / u-blox M8 Receiver Description including Protocol Specification (UBX-13003221)
- [5] EVA-M8M Product Summary (UBX-16006525)
- [6] u-blox M8 SPG3.01 Migration Guide (UBX-15028330)