Information note

Topic	EVK-M101 reaches initial production release (IP)
	UBX-23001746 C1-Public
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Date	6 February 2023

1   Affected products

Product name	Ordering code	Type number	Firmware	Remarks
EVK-M101	EVK-M101-00	EVK-M101-00-02	ROM SPG 5.10	
EVK-M101C	EVK-M101C-00	EVK-M101C-00-02	ROM SPG 5.10	

2   Type

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

3   Description

u-blox EVK-M101 has reached initial production (IP) status.

u-blox M10 is an ultra-low-power GNSS receiver for high-performance asset-tracking devices. The EVK-M101 evaluation kit is perfect for evaluating the performance of u-blox M10 positioning technology in an easy way. Related documentation is published on u-blox.com or is available upon request under NDA.

The ROM SPG 5.10 firmware is the second ROM release after SPG 5.00 and offers some additional features. Please refer to the release notes [1] for details.

Overview of products to evaluate with EVK-M101:

Product name	Oscillator type	Related product
EVK-M101	TCXO	u-blox UBX-M10050-KB chips, MAX-M10S and MIA-M10Q module
EVK-M101C	Crystal	u-blox UBX-M10050-KB chips, MAX-M10M and MIA-M10C module

In EVK-M101-00-02 and EVK-M101C-00-02, the shunt resistor values used for measuring the current consumption in different operating modes are different from previous product versions. Please refer to the EVK-M101 user guide [4] for details.

Product name	Type number	Description	Product status
EVK-M101	EVK-M101-00-00	0.1 Ohm shunt resistor, ROM SPG 5.00	Obsolete
	EVK-M101-00-01	0.1 Ohm shunt resistor, ROM SPG 5.10	Obsolete
	EVK-M101-00-02	1 Ohm shunt resistor, ROM SPG 5.10	Initial production
EVK-M101C	EVK-M101C-00-01	0.1 Ohm shunt resistor, ROM SPG 5.10	Obsolete
	EVK-M101C-00-02	1 Ohm shunt resistor, ROM SPG 5.10	Initial production

3.1 Certification information

u-blox has issued the EU Declaration of Conformity [7] for this product.

4 Schedule

EVK-M101 and EVK-M101C are available as of February 2023.

5 Related documentation

[1]   u-blox M10 ultra low power platform, u-blox.com/M10
[2]   u-blox M10 ROM SPG 5.10 Release notes, UBX-22001426
[3]   u-blox EVK-M101 Product summary, UBX-20017985
[4]   u-blox EVK-M101, EVK-M101C User guide, UBX-21003949
[5]   u-blox-M10 SPG 5.10 Interface description, UBX-21035062
[6]   u-blox-M10 SPG 5.10 interface description, UBX-21035061, NDA required
[7]   u-blox EVK-M10 EU Declaration of Conformity, UBX-22025557