Information note

Topic	EVK-M102 reaches engineering sample release (ES)
	UBXDOC-304424225-20117 C1-Public
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1   Affected products

Product name	Ordering code	Type number	Firmware	Remarks
EVK-M102	EVK-M102-00	EVK-M101-00-00	SPG5.20	

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-M102 has reached Engineering Sample (ES) status.

The EVK-M102 is built on the u-blox M10 single-band GNSS technology now available as firmware upgradable chip. The new firmware introduces a new low energy accurate positioning (LEAP) mode, reducing power by 50% while maintaining solid meter-level position accuracy.

The EVK-M102 received the capability to output GNSS receiver power consumption which can be visualized live in u-center 2 making it easy to evaluate power consumption in different modes of operation.

Additionally, different types of GNSS aiding services can be evaluated to achieve better performance.

AssistNow Live Obits	Faster time to first fix (TTFF)
	Improved positioning accuracy
AssistNow Predictive Orbits	Faster time to first fix (TTFF)

Related documentation is published on u-blox.com or is available upon request under NDA.

4   Schedule

EVK-M102 Engineering Samples are available from August 2025 onwards.

5   Related documentation

[1]   u-blox M10 platform, u-blox.com/M10
[2]   u-blox M10 firmware SPG 5.20 release notes, UBXDOC-963802114-13208
[3]   u-blox EVK-M102 User Guide, UBXDOC-304424225-18295
[4]   u-blox M10 SPG 5.20 interface description, UBXDOC-304424225-20128