

PCN – Product Change Notification

Topic:	LISA-U201-03A Product Change Notification
	UBX-17046899
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1 Affected Products

Product Name	Order Number	Type No (Old)	Type No (New)	Firmware (Old)	Firmware (New)
LISA-U201	LISA-U201-03A	LISA-U201-03A-01	LISA-U201-03A-02	23.41 A01.02	23.41 A01.04

2 Type of Change

Hardware modification

Firmware update

Others, _____

3 Description of Change

In order to further improve the overall product quality for the LISA-U201 Automotive module, PCB copper balancing has been introduced in order to ensure that produced units stay within the co-planarity limit specified for the automotive product line (< 100µm).

Currently all the LISA-U201 Automotive units exceeding the co-planarity limit are screened during production and scrapped. The implemented PCB copper balancing improves the process capability (Cpk).

Furthermore, because of expected EOL of the memory used in the LISA-U201 module, the support of an additional pin-to-pin and fully equivalent memory from the same supplier is introduced. The new memory implements in the same package a RAM die provided by a different supplier than in the previous memory.

Application Firmware is updated as well to reflect the support of the new memory.

Product performance (included RF and EMC behaviour) and reliability is not affected by the change.

4 Schedule

Samples:	01-Sep-2017
Estimated First Shipment Date ⁽¹⁾ :	16-Feb-2018
Documentation update:	01-Sep-2017

¹ The Estimated First Shipment Date is the forecasted date that a customer may expect to receive changed product with the new Type Number. This is determined by the estimated date of inventory depletion on the PCN issue date. This may be affected by fluctuations in supply and demand. Consequently, although customers should be prepared to receive changed product on this date, u-blox will continue to ship pre-changed product until a time in which inventory has been depleted. This may result in pre-changed product being shipped to customers after this forecasted date.

5 Customer Impact and Recommended Action

u-blox has taken utmost care to ensure full backward compatibility to the previous versions.

A system check before deployment in production is however recommended.

Changes are not relevant for certifications and approval

6 Reference Documents

- [1] u-blox AT Commands Manual, u-blox document UBX-13002752
- [2] LISA-U201 Automotive Data-sheet, u-blox Document UBX-16024600
- [3] LISA-U series System Integration Manual, u-blox document UBX-13001118