

## Product Change Note

**Topic** LISA-U2 Product Change Note  
UBX-18055867  
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### 1 Affected Products

Product Name	Order Code	Type No (OLD)	Type No (NEW)	Remarks
LISA-U200	LISA-U200-01S	LISA-U200-01S-02	LISA-U200-01S-03	
	LISA-U200-02S	LISA-U200-02S-02	LISA-U200-03S-02	
	LISA-U200-03S	LISA-U200-03S-01	LISA-U200-03S-02	
	LISA-U200-52S	LISA-U200-52S-02	LISA-U200-52S-03	
	LISA-U200-62S	LISA-U200-62S-03	LISA-U200-62S-04	
LISA-U230	LISA-U230-01S	LISA-U230-01S-02	LISA-U230-01S-03	
LISA-U270	LISA-U270-62S	LISA-U270-62S-07	LISA-U270-63S-02	
	LISA-U270-63S	LISA-U270-63S-01	LISA-U270-63S-02	

### 2 Type of Change

- Hardware modification
- Firmware update
- Documentation update
- Others

### 3 Description of Change

In order to further enhance the overall product quality for the LISA-U200, PCB copper balance has been introduced to improve co-planarity.

Furthermore due to the expected EOL of some non-critical components, we are introducing pin to pin fully equivalent alternatives to replace the discontinued components.

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

The software was not modified, so the modem version will remain unchanged. The u-blox application firmware has been updated (only in order to distinguish the new version) as noted in the table below:

Module version	Modem firmware number	Application firmware number
LISA-U200-01S	22.40	A01.03
LISA-U200-03S	23.41	A01.05
LISA-U200-52S	22.86	A01.04
LISA-U200-62S	22.90	A01.04
LISA-U230-01S	22.40	A01.03
LISA-U270-63S	22.93	A01.08

## 4 Schedule

<b>Samples:</b>	October 2018
<b>Estimated First Shipment Date<sup>(1)</sup>:</b>	February 2019
<b>Documentation:</b>	Available

## 5 Customer Impact and Recommended Action

The modem firmware (retrievable via AT+CGMR command) has not changed (see above).

Changes are not relevant for approvals and certifications.

u-blox has taken utmost care to ensure full backward compatibility to the previous versions. A system check before deployment in production is however still recommended.

## 6 Reference Documents

- [1] LISA-U2 series Data Sheet, u-blox Document UBX-13001734
- [2] u-blox AT Commands Manual, u-blox Document UBX-13002752
- [3] LISA-U2 series System Integration Manual, u-blox Document UBX-13001118

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<sup>1</sup> 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.