

IN – Information Note

Topic:	LISA-C200 chipset production process change
	UBX-17050971
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1 Affected Products

Product Name	Order Number	Type No
LISA-C200	LISA-C200-02S	LISA-C200-02S-01
LISA-C200	LISA-C200-22S	LISA-C200-22S-01
LISA-C200	LISA-C200-03S	LISA-C200-03S-00
LISA-C200	LISA-C200-23S	LISA-C200-23S-00
LISA-C200	LISA-C200-04S	LISA-C200-04S-00
LISA-C200	LISA-C200-24S	LISA-C200-24S-00

2 Type of Change

- Hardware modification
- Firmware update
- Documentation update

3 Description of Change

In order to meet EU RoHS requirements and conformance with 2011/65/EU requirements, the supplier of the cellular chipset used in the LISA-C200 product line has changed the chipset production process. They are now implementing Pb free flip-chip bump instead of SnPb flip-chip bump.

The chipset with the updated production process has been fully re-qualified by the chip supplier and, at the module level, by u-blox.

The re-qualification has confirmed that the new production process does not have any impact on module functionalities and reliability.

4 Schedule

The chipset supplier will start to deliver the chipset manufactured with the updated production process after depletion of the existing stock. We expect that shipments of LISA-C200 modules using the chipset produced with the new process will start in January 2018 (though this is dependent on the actual date of depletion of the chipset stock).

5 Customer Impact and Recommended Action

LISA-C200 modules with the chipset produced with the new process use the old firmware and there is no impact for customers.

Production process change has no impact on certifications or approvals.

6 Reference Documents

- [1] LISA-C200 and FW75-C200 AT Commands Manual (UBX-13000621)
- [2] LISA-C200 data sheet (UBX-13000623)
- [3] LISA-C200 & FW75-C200 System Integration Manual (UBX-13000620)