

PCN – Product Change Notification

Topic:	SARA-U260, SARA-U270, SARA-U280 PCN
	UBX-17061316
Author:	Rado Šušteršič
Date:	22-Nov-2017

We reserve all rights in this document and in the information contained therein. Reproduction, use or disclosure to third parties without express permission is strictly prohibited. © 2017 u-blox ag.

1 Affected Products

Product Name	Order Number	Type No (Old)	Type No (New)	Remarks
SARA-U260	SARA-U260-00S	SARA-U260-00S-01	SARA-U260-00S-02	
	SARA-U260-03S	SARA-U260-03S-00	SARA-U260-03S-01	
SARA-U270	SARA-U270-00S	SARA-U270-00S-01	SARA-U270-00S-02	
	SARA-U270-00X	SARA-U270-00X-00	SARA-U270-00X-01	
	SARA-U270-03S	SARA-U270-03S-00	SARA-U270-03S-01	
	SARA-U270-53S	SARA-U270-53S-01	SARA-U270-53S-02	
	SARA-U270-73S	SARA-U270-73S-00	SARA-U270-73S-01	
SARA-U280	SARA-U280-00S	SARA-U280-00S-00	SARA-U280-00S-01	
	SARA-U280-03S	SARA-U280-03S-00	SARA-U280-03S-01	

2 Type of Change

- Hardware modification
 Firmware update
 Others, _____

3 Description of Change

Due to the expected EOL of the memory used in the SARA-U2 module series, the modules will use a new pin-to-pin and fully equivalent memory. The new memory comes in the same package as the previous memory.

Product performance (including RF and EMC behavior) and reliability are not affected by the change.

The modem version will remain unchanged, while the u-blox application version has been updated in order to support the alternative memory as detailed in the table below:

Module version	Modem version	Application version
SARA-U260-00S	23.20	A01.02
SARA-U260-03S	23.41	A01.02
SARA-U270-00S	23.20	A01.02
SARA-U270-00X	23.20	A01.02
SARA-U270-03S	23.41	A01.02
SARA-U270-53S	23.41	A01.05
SARA-U270-73S	23.41	A01.03

Module version	Modem version	Application version
SARA-U280-00S	23.28	A01.01
SARA-U280-03S	23.41	A01.02

4 Schedule

Samples:	mid of December 2017
Estimated First Shipment Date ⁽¹⁾ :	February 2018
Documentation (e.g. release note):	Available

5 Customer Impact and Recommended Action

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

Changes are not relevant for approvals and certifications.

u-blox has taken the utmost care to ensure full backward compatibility with the previous versions. However, a system check is still recommended before deployment into production.

6 Reference Documents

- [1] SARA-U2 series Data Sheet, u-blox Document UBX-13005287
- [2] u-blox AT-commands Manual, u-blox Document UBX-13002752
- [3] SARA-G3 / SARA-U2 series System Integration Manual, u-blox Document UBX-13000995

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.