

PCN – Product Change Notification

Topic:	TOBY-MPCI-L200-L210-L280-02S Product Change Notification
	UBX-16031212
Author:	Drazen Drinic
Date:	03-Jan-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 (unchanged)	Type No (Old)	Type No (New)	Remarks
TOBY-L200	TOBY-L200-02S	TOBY-L200-02S-00	TOBY-L200-02S-01	
MPCI-L200	MPCI-L200-02S	MPCI-L200-02S-00	MPCI-L200-02S-01	
TOBY-L210	TOBY-L210-02S	TOBY-L210-02S-00	TOBY-L210-02S-01	
MPCI-L210	MPCI-L210-02S	MPCI-L210-02S-00	MPCI-L210-02S-01	
TOBY-L280	TOBY-L280-02S	TOBY-L280-02S-00	TOBY-L280-02S-01	
MPCI-L280	MPCI-L280-02S	MPCI-L280-02S-00	MPCI-L280-02S-01	

2 Type of Change

- Hardware modification
 Firmware update
 Others, labelling, order number and type number

3 Description of Change

As of the date indicated in the Schedule below, a new firmware release will be applied to the Affected Products in production.

The version of firmware may be identified according to the Order and Type Number as follows:

Order Number	Firmware version	Remarks
TOBY-L200-02S	15.90 A01.10	Previous Firmware version: 15.90 A01.00
MPCI-L200-02S	15.90 A01.10	Previous Firmware version: 15.90 A01.00
TOBY-L210-02S	15.63 A01.10	Previous Firmware version: 15.63 A01.03
MPCI-L210-02S	15.63 A01.10	Previous Firmware version: 15.63 A01.03
TOBY-L280-02S	15.63 A01.10	Previous Firmware version: 15.63 A01.03
MPCI-L280-02S	15.63 A01.10	Previous Firmware version: 15.63 A01.03

For full details of changes contained in this new version, see Annex A.

4 Schedule

Samples:	
Estimated First Shipment Date ¹ :	09-Feb-2017
Documentation (e.g. release note)	Available

5 Customer Impact and Recommended Action

u-blox has taken the utmost care to achieve the highest level of backward compatibility between TOBY-MPCI-L200-L210-L280-02S-01 and its predecessors. A system test is however recommended when moving from old type number to its successors.

Changes are not relevant for approvals and certifications.

6 Reference Documents

- [1] TOBY-L2 Data Sheet, u-blox Document UBX-13004573-R20
- [2] MPCI-L2 Data Sheet, u-blox Document UBX-13004749-R15
- [3] u-blox AT Commands Manual, u-blox Document UBX-13002752-R47
- [4] TOBY-L2 / MPCI-L2 System Integration Manual, u-blox Document UBX-13004618-R20
- [5] TOBY-L210-60S_MPCI-L210-60S-IP_IN Information Note Initial Production UBX-15021694

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.

A Description of Changes

A.1 Hardware

A.1.1 New features

No new features since previous hardware version.

A.1.2 Changes and Bugs fixed

None.

A.1.3 Known Limitations

None.

A.2 Firmware

A.2.1 New features

No new features since previous firmware version.

A.2.2 Changes and bugs fixed

- [u-blox ID 2471] resuming USB interface function after enabling power saving mode might not be always successful (exhibiting inconsistent behavior). With implemented fix USB interface function can be resumed successfully and consistently when power saving mode is enabled. Fix is necessary because it enables products to be used in applications where power saving mode is required (in battery powered system) and where USB interface is used. Note: Implemented fix is isolated to USB interface function and does not influence other module functions.
- [u-blox ID 2469] restriction on test mode usage on TOBY-L2/ELLA-W1 combination. Note: relevant only for TOBY-L2/ELLA-W1 combination.
- [u-blox ID 2468] New configuration file for ELLA-W1 included. Note: relevant only for TOBY-L2/ELLA-W1 combination.
- [u-blox ID 2472] Disabled the creation by default of a system diagnostics file which does not affect any module functionality and is not needed.

Since all these minor changes are application related there will be no need to communicate anything to regulatory agencies (they are not approval relevant).

A.2.3 Known limitations

See [5].