

## Product change note

**Topic** **Firmware and hardware update for EVK-M8L, EVK-M8U, C93-M8E**  
**Author** **Martin Wallebohr**  
**Date** **6 August 2020**

Copying, reproduction, modification or disclosure to third parties of this document or any part thereof is only permitted with the express written permission of u-blox. The information contained herein is provided "as is" and u-blox assumes no liability for its use. No warranty, either express or implied, is given, including but not limited, with respect to the accuracy, correctness, reliability and fitness for a particular purpose of the information. This document may be revised by u-blox at any time. For most recent documents, visit [www.u-blox.com](http://www.u-blox.com). Copyright© u-blox AG.

### 1 Affected products

Order code	Old type no.	New type no.
EVK-M8L-0	EVK-M8L-0-11	EVK-M8L-0-12
EVK-M8U-0	EVK-M8U-0-00	EVK-M8U-0-12
C93-M8E-0	C93-M8E-0-00	No change

### 2 Type

- |   |  |
|---|--|
| <input type="checkbox"/> Product status change                | <input checked="" type="checkbox"/> Documentation update |
| <input checked="" type="checkbox"/> Hardware/component change | <input type="checkbox"/> Certification information       |
| <input checked="" type="checkbox"/> Firmware/software update  | <input type="checkbox"/> Security advisory               |
| <input type="checkbox"/> Label change                         | <input type="checkbox"/> Other                           |

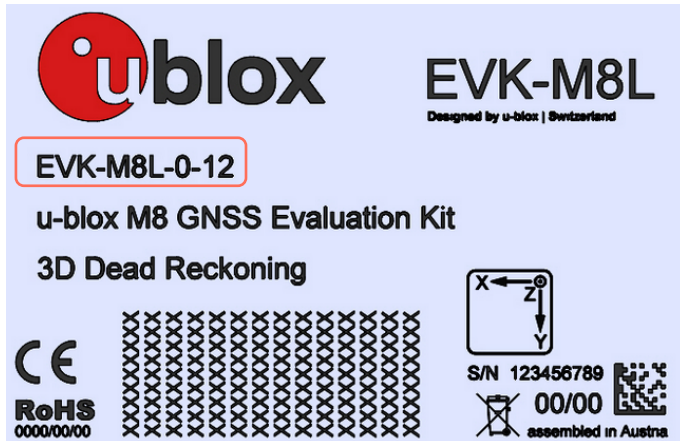
### 3 Description

The following table describes the updates on firmware and hardware for each evaluation kit:

Order code	Old firmware	New firmware	Hardware change
EVK-M8L-0	ADR 4.21	ADR 4.31	Timepulse pin added
EVK-M8U-0	UDR 1.21	UDR 1.31	Timepulse pin added
C93-M8E-0	UDR 1.21	UDR 1.31	No change

Details on firmware changes are available in the release notes [1], [2]. The timepulse pin is now available on the front pin connector panel. Specific product documentation is updated and available on u-blox website [3], [4], [5].

Updated products can be identified by a type number on the label which is marked in red on the figure below. Please note that an updated C93-M8E cannot be identified by label but only by reading out firmware version via UBX-MON-VER [6].



#### 4 Schedule

Updated parts are available as of the middle of September 2020 and have the new type number printed on the label.

#### 5 Customer impact and recommended action

- The new firmware includes several improvements compared to the previous firmware. It is highly recommended to evaluate applications with the latest firmware.
- It is possible to upgrade new firmware manually on the existing evaluation kits.

#### 6 Related documentation

- [1] ADR 4.31 release notes, [UBX-20009341](#)
- [2] UDR 1.31 release notes, [UBX-20013174](#)
- [3] C93-M8E user guide, [UBX-15031067](#)
- [4] EVK-M8U user guide, [UBX-15023994](#)
- [5] u-blox M8 receiver protocol specification, [UBX-13003221](#)
- [6] [ADR 4.31 firmware](#)
- [7] [UDR 1.31 firmware](#)