



Product / Process Change Notification (PCN)

- ☒ Major change
☐ Minor change

PCN #: PCN_WIRL-BTLE_20240229

Affected Series: WIRL-BTLE; WIRL-COMB; WIRL-EVAL;
 2611011024000, 2611036024001,
 2611011024010, 2611011024020,
 2611019024001, 2611149024001,
 2611149024011, 2611149024021.

PCN Date: November 30, 2023

Effective Date: February 29, 2024

Change Category:

- ☐ Equipment / Location
☐ General Data
☐ Material
☐ Process
☐ Product Design
☐ Shipping / Packaging
☐ Supplier
☒ Software

Contact: Product Management

Phone: +49 (0) 7942 - 945 5001

Fax: +49 (0) 7942 - 945 5179

E-Mail: pcn.eisos@we-online.com

Data Sheet Change:

- ☐ Yes ☒ No

Attachment:

- ☐ Yes ☒ No

Description and purpose of change:

In order to meet current market demands, Würth Elektronik will include new functionalities in its Bluetooth® modules Proteus-III (2611011024000), Proteus-III-SPI (2611011024010), Setebos-I (2611011024020).

Following products will also be affected by this change:

- Proteus-III USB radio stick: 2611036024001.
- Proteus-III Evaluation kit: 2611019024001.
- Proteus-III Family Evaluation Board: 2611149024001.
- Proteus-III-SPI Family Evaluation Board: 2611149024011.
- Setebos - I Family Evaluation Board: 2611149024021.

All products with date code 2024-02-29 or later, will be affected by this change. Würth Elektronik recommends updating the firmware version of existing modules to the latest version.

The installed firmware version can be recalled from the last three digits of the lot number. Please check the "Details of Change" section for more details.

For customer testing purposes, Würth Elektronik can provide the firmware images and the updated draft version of the user manual one month in advance, i.e. 29th of January 2024.



In case a firmware freeze to the current version is required, please contact your local sales person or our support team at wcs@we-online.com

There will be no change in form, fit, quality or reliability of the product.

Details of Change:

Affected Products	Order Code	Firmware version Before PCN	Firmware version After PCN	Lot Number before PCN	Lot Number after PCN
Proteus-III module	2611011024000	1.4.0	1.5.0	xxxxxxxxxxx104	xxxxxxxxxxx105
Proteus-III Radio Stick	2611036024001	1.4.0	1.5.0	xxxxxxxxxxx104	xxxxxxxxxxx105
Proteus-III-SPI	2611011024010	1.4.0	1.5.0	xxxxxxxxxxx104	xxxxxxxxxxx105
Setebos-I	2611011024020	1.2.0	1.3.0	xxxxxxxxxxx102	xxxxxxxxxxx103
Proteus-III EV -Kit	2611019024001	1.4.0	1.5.0	xxxxxxxxxxx104	xxxxxxxxxxx105
Proteus-III Family EV Board	2611149024001	1.4.0	1.5.0	xxxxxxxxxxx104	xxxxxxxxxxx105
Proteus-III SPI Family EV Board	2611149024011	1.4.0	1.5.0	xxxxxxxxxxx104	xxxxxxxxxxx105
Setebos-I Family EV Board	2611149024021	1.2.0	1.3.0	xxxxxxxxxxx102	xxxxxxxxxxx103

The new firmware will contain the following features that are disabled by default. Please check the user manual (Firmware history) for more details, that will be released on 29th January 2024:

- Added option to modify the Bluetooth MAC address.
- Added option to modify the Bluetooth company identifier.
- Added new options for improved data transmission in peripheral only mode. The module supports advanced data transmission triggers, like timeout, ETX and maximum payload size.
- Added option to request the maximum transmission unit (MTU) via remote command.
- Removed known issue KI-002.

Reliability / Qualification Summary:

Product approval is according to the specification criteria and is internally released by the Product Management and Engineering departments.