



Product / Process Change Notification (PCN)

- ☒ Major Change
☐ Minor Change

PCN Number: PCN_WIRL-BTLE_IND2_20250124

Affected Series: WIRL-BTLE, WIRL-PRO2, WIRL-IND2, WIRL-CUS2,
 WIRL-COMB, WIRL-EVAL

Affected Order Codes: See "Details of Change" section

PCN Date: 2024-10-24 (YYYY-MM-DD)

Effective Date: 2025-01-24 (YYYY-MM-DD)

Change Category:

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

Contact: Product Management

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Datasheet Change:

- ☐ Yes ☒ No

Attachment:

- ☐ Yes ☒ No

Description of Change:

In order to enhance the product functions, Würth Elektronik eiSos will use the latest revision of the SoC (System on Chip) - nRF52840 provided by Nordic Semiconductor.

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

Refer to the "Details of change" section for more information on the changes in the SoC.

In case of freeze of the HW version, contact your local salesperson or our support team at wcs@we-online.com.

The new revision of the affected order codes will be sent out after the previous revision is out of stock (according to FIFO - first-in, first-out).

Details of Change:

Affected Part Numbers	Hardware version before PCN	Hardware version after PCN	Lot Number before PCN	Lot Number after PCN
2611011021000	1.4	1.5	XXX XX014XXXXXXX	XXX XX015XXXXXXX
2611011021010	1.4	1.5	XXX XX014XXXXXXX	XXX XX015XXXXXXX
2611011021020	1.4	1.5	XXX XX014XXXXXXX	XXX XX015XXXXXXX
2611011021060	1.4	1.5	XXX XX014XXXXXXX	XXX XX015XXXXXXX



2611011021080	1.4	1.5	XXX XX014XXXXXXX	XXX XX015XXXXXXX
2611011021100	1.4	1.5	XXX XX014XXXXXXX	XXX XX015XXXXXXX
2611011021110	1.4	1.5	XXX XX014XXXXXXX	XXX XX015XXXXXXX
2611011021120	1.4	1.5	XXX XX014XXXXXXX	XXX XX015XXXXXXX
2611011024000	1.4	1.5	XXX XX014XXXXXXX	XXX XX015XXXXXXX
2611011024010	1.4	1.5	XXX XX014XXXXXXX	XXX XX015XXXXXXX
2611011024020	1.4	1.5	XXX XX014XXXXXXX	XXX XX015XXXXXXX
2611011024060	1.4	1.5	XXX XX014XXXXXXX	XXX XX015XXXXXXX
2611011024090	1.4	1.5	XXX XX014XXXXXXX	XXX XX015XXXXXXX
2611011024120	1.4	1.5	XXX XX014XXXXXXX	XXX XX015XXXXXXX
2611011024140	1.4	1.5	XXX XX014XXXXXXX	XXX XX015XXXXXXX
2611017221001	1.4	1.5	XXX XX014XXXXXXX	XXX XX015XXXXXXX
2611019021001	1.4	1.5	XXX XX014XXXXXXX	XXX XX015XXXXXXX
2611019021011	1.4	1.5	XXX XX014XXXXXXX	XXX XX015XXXXXXX
2611019024001	1.4	1.5	XXX XX014XXXXXXX	XXX XX015XXXXXXX
2611036021001	1.4	1.5	XXX XX014XXXXXXX	XXX XX015XXXXXXX
2611036024001	1.4	1.5	XXX XX014XXXXXXX	XXX XX015XXXXXXX
2611059021001	1.4	1.5	XXX XX014XXXXXXX	XXX XX015XXXXXXX
2611079021001	1.4	1.5	XXX XX014XXXXXXX	XXX XX015XXXXXXX
2611086021011	1.4	1.5	XXX XX014XXXXXXX	XXX XX015XXXXXXX
2611097021021	1.4	1.5	XXX XX014XXXXXXX	XXX XX015XXXXXXX
2611109021011	1.4	1.5	XXX XX014XXXXXXX	XXX XX015XXXXXXX
2611139024021	1.4	1.5	XXX XX014XXXXXXX	XXX XX015XXXXXXX
2611149021001	1.4	1.5	XXX XX014XXXXXXX	XXX XX015XXXXXXX
2611149024001	1.4	1.5	XXX XX014XXXXXXX	XXX XX015XXXXXXX
2611149024011	1.4	1.5	XXX XX014XXXXXXX	XXX XX015XXXXXXX
2611149024021	1.4	1.5	XXX XX014XXXXXXX	XXX XX015XXXXXXX
2611159021011	1.4	1.5	XXX XX014XXXXXXX	XXX XX015XXXXXXX
2611169021081	1.4	1.5	XXX XX014XXXXXXX	XXX XX015XXXXXXX
2611187024001	1.4	1.5	XXX XX014XXXXXXX	XXX XX015XXXXXXX

As mentioned by Nordic Semiconductors in no: IN-141 rev 1.1, following are the changes improving the functions of the product:



Improved wideband blocking:

The update improves the wideband blocking performance margins with respect to the ETSI EMC immunity requirement. It also improves reception in noisy environments. This improvement is particularly important when using an external LNA.

Additional Note from Nordic:

Tele regulatory and Bluetooth certification:

The new revision has no impact on ETSI, FCC or Bluetooth certifications unless the new pulse shaping filter is enabled.

For more details refer to Nordic Information on the changes in the SOC: [LINK](#)

Reliability / Qualification Summary:

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