

Würth Elektronik eiSos GmbH & Co. KG

EMC & Inductive Solutions

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Product / Process Change Notification (PCN)

- Major change
 Minor change

PCN #: PCN_WIRL-PRO8_20191101 Affected Series: 2609011081000, 2609011181000, 2609026281001, 2609031181000 PCN Date: August 01, 2019 Effective Date: November 01, 2019	Change Category: <input type="checkbox"/> Equipment / Location <input type="checkbox"/> General Data <input type="checkbox"/> Material <input type="checkbox"/> Process <input type="checkbox"/> Product Design <input type="checkbox"/> Shipping / Packaging <input type="checkbox"/> Supplier <input checked="" type="checkbox"/> Software
Contact: Product Management Phone: +49 (0) 7942 - 945 5001 Fax: +49 (0) 7942 - 945 5179 E-Mail: pcn.eismart@we-online.com	Data Sheet Change: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Attachment: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

DESCRIPTION AND PURPOSE OF CHANGE:

In order to enhance the product reliability, Würth Elektronik released a new firmware for the products Tarnos-III and Thebe-II with their corresponding evaluation boards and USB dongles.

All products with date code KW45 2019 or later, will be affected by this change. The date code is digit 9-12 of the LOT number. For KW45 2019 the LOT number is xxx xx xxx 1945 xxx .

1. In scenarios with high radio traffic the device may not enter the standby mode properly, if the command `CMD_STANDBY_REQ` has been placed. In case of misbehavior the current consumption does not meet the specification.
2. New radio chip errata have been published by the IC manufacturer.

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

DETAIL OF CHANGE:

The new firmware implements the following improvements:

1. Entering the standby mode is performed with highest priority, independent of radio traffic.
2. Maintenance actions have been applied due to newest radio chip errata.

All firmware versions \geq 2.4.0 contain the above change. The firmware version can be read from the last 3 digits of the LOT number. In case of firmware version 2.4.0 the LOT is xxx xx xxx xxxx 204.

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RELIABILITY / QUALIFICATION SUMMARY:

There will be no change of the product, therefore no additional reliability or qualification testing will be performed.