

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-PRO2_20210601

Affected Series: WIRL-PRO2; 2611011021000,
2611011021009, 2611036021001,
2611019021001, 2611017221001,
2611079021001, 2611059021001

PCN Date: March 01, 2021

Effective Date: June 01, 2021

Change Category:

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

Contact: Product Management

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Data Sheet Change:

- Yes No

Attachment:

- Yes No

DESCRIPTION AND PURPOSE OF CHANGE:

In order to enhance the product reliability, Würth Elektronik released a new firmware for the Thyone-I module and the corresponding development kit, evaluation kits and the USB stick.

All products with date code 01st of June 2021 or later, will be affected by this change. For the modules produced earlier, it is recommended for the customers to update the firmware to version 1.5.0 including the bootloader to version 2 as per the instructions in the user manual. Please refer to chapter "Firmware update" for detailed description.

DETAIL OF CHANGE:

The firmware version of the radio module Thyone-I will increase its revision to 1.5.0.

In detail, Würth Elektronik will perform maintenance actions, improve the firmware and take care of the following subjects,

KI-Thyone-I-003: Unicast transmission of radio packets with ACK request can result in false positive acknowledgements (CMD_TXCOMPLETE_RSP with status 0x00). This behaviour can be observed in about 0.4% of packet transmissions.

Affected functions: Data transmission in unicast modes.

For further details on the changes please refer to the firmware history section of the updated user manual after the release date.

RELIABILITY / QUALIFICATION SUMMARY:

Product approval is according to the specification and is internally released by the Product Management Department.