

Würth Elektronik eiSos GmbH & Co. KG

EMC & Inductive Solutions

Max-Eyth-Straße 1 · 74638 Waldenburg · Germany

Tel. +49 (0) 79 42 945-0 · Fax +49 (0) 79 42 945-400

eiSos@we-online.de · www.we-online.de



Product / Process Change Notification (PCN)

- Major change
 Minor change

<p>PCN #: PCN_WIRL-PRO2_20201020</p> <p>Affected Series: WIRL-PRO2; 2611011021000, 2611011021009, 2611036021001, 2611019021001, 2611017221001, 2611079021001</p> <p>PCN Date: October 20, 2020</p> <p>Effective Date: October 20, 2020</p>	<p>Change Category:</p> <p><input type="checkbox"/> Equipment / Location</p> <p><input type="checkbox"/> General Data</p> <p><input type="checkbox"/> Material</p> <p><input type="checkbox"/> Process</p> <p><input type="checkbox"/> Product Design</p> <p><input type="checkbox"/> Shipping / Packaging</p> <p><input type="checkbox"/> Supplier</p> <p><input checked="" type="checkbox"/> Software</p>
<p>Contact: Product Management</p> <p>Phone: +49 (0) 7942 - 945 5001</p> <p>Fax: +49 (0) 7942 - 945 5179</p> <p>E-Mail: pcn.eismart@we-online.com</p>	<p>Data Sheet Change:</p> <p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>Attachment:</p> <p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>

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 16. October 2020 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 1.4.0 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 1.4.0.

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

KI-Thyone-I-002 : An active write protection in the Bootloader of Thyone-1 products, that were produced with firmware 1.3.0, prevents the correct workflow of the whole command group CMD_SET_REQ for configuring Usersettings (non-volatile settings).

The module does not respond to such a command and any changes intended to be performed with this CMD_SET_REQ will not be applied to the module configuration.

Products that were updated by using the UART update method are not affected by this issue.

Affected functions: Configuration of the non-volatile Usersettings of the module using CMD_SET_REQ

It is recommended to update all the module in operation to the current firmware version using the UART update method described in the user manual.

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RELIABILITY / QUALIFICATION SUMMARY:

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