Würth Elektronik eiSos GmbH & Co. KG EMC & Inductive Solutions

$$\label{eq:max-ey} \begin{split} \text{Max-Eyth-Straße 1} & \cdot \text{74638 Waldenburg} \cdot \text{Germany} \\ \text{Tel.} & +49 (0) \, 79 \, 42 \, 945 - 0 \cdot \text{Fax} \\ & +49 (0) \, 79 \, 42 \, 945 - 400 \\ \text{eiSos@we-online.de} \cdot \text{www.we-online.de} \end{split}$$



Product / F	Process Change Notificati	on (PCN)
PCN #:	PCN_WIRL-PRO8_20200615	Change Category:
Affected Series:	WIRL-PRO8; 2609xxxx8100x	☐ Equipment / Location☐ General Data☐ Material
PCN Date:	March 13, 2020	☐ Process
Effective Date:	June 15, 2020	 □ Product Design □ Shipping / Packaging □ Supplier ☑ Software
Contact:	Product Management	Data Sheet Change:
Phone:	+49 (0) 7942 - 945 5001	⊠ Yes □ No
Fax:	+49 (0) 7942 - 945 5179	Attachment:
E-Mail:	pcn.eismart@we-online.com	☐ Yes
DESCRIPTION AND PURPOSE OF CHANGE:		
With the aim of an extended product applicability, Würth Elektronik will update the firmware of the product Tarvos-III and Thebe-II with its corresponding evaluation boards and USB dongles.		
All products with date code KW24 2020 or later, will be affected by this change. The date code is digit 9-12		

All products with date code KW24 2020 or later, will be affected by this change. The date code is digit 9-12 of the LOT number. For KW24 2020 the LOT number is xxx xx xxx 2024 xxx.

DETAIL OF CHANGE:

The new firmware adds the transparent mode. When using the transparent mode all data received over UART will be sent over radio and vice versa. Module configuration still has to be done using the command mode.

The module is in command mode by default. The host has to switch to transparent mode. This can be done with:

- a UART command
- by using PIN 15 (not possible with USB dongles as PIN 15 is not connected)

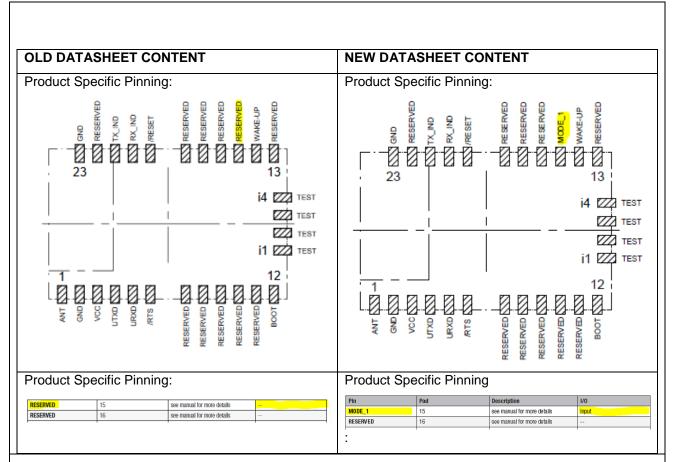
If the module is designed in as recommended (PIN 15: do not connect) the function of the module will not change and the module will start in command mode and behave the same as with previous firmware.

All firmware versions = 3.0.0 contain the above change. The firmware version can be read from the last 3 digits of the LOT number. In case of firmware version 3.0.0 the LOT is xxx xx xxx xxx xxx x00.

Würth Elektronik eiSos GmbH & Co. KG EMC & Inductive Solutions

$$\label{eq:max-ey} \begin{split} \text{Max-Eyth-Straße 1} & \cdot \text{74638 Waldenburg} \cdot \text{Germany} \\ \text{Tel.} & +49 \, (0) \, 79 \, 42 \, 945 \cdot 0 \cdot \text{Fax} \, +49 \, (0) \, 79 \, 42 \, 945 \cdot 400 \\ \text{eiSos@we-online.de} & \cdot \text{www.we-online.de} \end{split}$$





RELIABILITY / QUALIFICATION SUMMARY:

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