# PRESS RELEASE

**Würth Elektronik presents its Setebos-I FeatherWing**

**Two in One**

Waldenburg (Germany), April 2, 2025 – Würth Elektronik expands its range of FeatherWings with the [Setebos-I](https://www.we-online.com/en/components/products/SETEBOS-I_WIRELESS_FEATHERWING) radio module. Developers using the practical plug-in boards for fast prototyping benefit from the combined functionality of the manufacturer’s two tried and tested radio modules. Setebos-I combines the features of Thyone-I and Proteus-III, enabling communication via Bluetooth LE 5.1 as well as a proprietary 2.4 GHz radio protocol with mesh networking capability.

The Adafruit Feather form factor allows developers to seamlessly combine Würth Elektronik's growing range of FeatherWings with hundreds of compatible boards from other manufacturers. Setebos-I FeatherWing also has an integrated security element. This IC supports AES128 encryption, ensuring a high level of security and authentication, particularly for IoT applications.

The FeatherWing radio module fully leverages the benefits of the Bluetooth Low Energy 5.1 standard while also offering additional performance features. With a payload of up to 964 bytes, the module delivers four times the throughput of conventional Bluetooth Low Energy modules. In proprietary radio mode, Würth Elektronik shows what is possible in the 2.4 GHz band: a range of up to 750 m and an end-to-end payload throughput of up to 400 kbit/s. A simple setup turns modules into repeaters in a mesh network, as required. The WE-ProWare firmware excels with its powerful, versatile radio protocol and ease of configuration.

Würth Elektronik offers a Wireless Connectivity Software Development Kit (SDK) to complement this product. This also implements all the available commands in pure C code. The radio modules can be effortlessly integrated by porting the corresponding C code to their host processor. This reduces the time needed to develop the software interface for the radio module.

**Available images**

The following images can be downloaded from the Internet in printable quality: <https://kk.htcm.de/press-releases/wuerth/>

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| Image source: Würth Elektronik  **Powerful radio module for Adafruit Feather users: Setebos-I FeatherWing** |

About the Würth Elektronik eiSos Group

Würth Elektronik eiSos Group is a manufacturer of electronic and electromechanical components for the electronics industry and a technology company that spearheads pioneering electronic solutions. Würth Elektronik eiSos is one of the largest European manufacturers of passive components and is active in 50 countries. Production sites in Europe, Asia and North America supply a growing number of customers worldwide.

The product range includes passive components, power modules, digital isolators, optoelectronics, electromechanical components, thermal management solutions, sensors and wireless modules. The portfolio is rounded off by customer-specific solutions.

The unrivaled service orientation of the company is characterized by the availability of all catalog components from stock without minimum order quantity, free samples and extensive support through technical sales staff and selection tools.

Würth Elektronik is part of the Würth Group, the global market leader in the development, production, and sale of fastening and assembly materials, and employs around 7,500 people. The Würth Elektronik Group generated sales of 1 Billion Euro (all figures according to preliminary results for 2024).

Würth Elektronik: more than you expect!

Further information at [www.we-online.com](http://www.we-online.com)

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