# PRESS RELEASE

**60-V variant of the MagI³C-VDMM MicroModule series**

**For input voltages from 3.5 to 60 volts**

Waldenburg (Germany), November 6, 2024 – There’s a new generation of MagI³C-VDMM power modules from Würth Elektronik: The ultra-wide input voltage range gives the new MicroModule a robust resistance to voltage transients on the 48 V bus. Its compact LGA-12 package is also conducive to high integration density. The adjustable output voltage ranges from 0.85 to 6 V at a current up to 0.3 A.

The extended input voltage range of the [Variable Step Down MicroModule](https://www.we-online.com/en/components/products/MAGIC-VDMM) from 3.5 to 60 V now covers bus voltages from 5 to 48 V, opening up applications from Point of Load (PoL) to direct 48 V bus voltage connection. So the MagI³C-VDMM series is ideally suited as a replacement for linear regulators, for example in the power supply of interfaces, sensors, microcontrollers, microprocessors, DSPs and FPGAs. Operational areas include industrial, testing and measurement technology, medical devices and point-of-load DC-DC applications.

Its small footprint and high efficiency (up to 86 percent) supports “cool design”, allowing its use in a temperature range from -40 to +105°C. To save energy, the power module can be set to sleep mode using an additional pin. The very low quiescent current of just 3 µA means the power module is particularly suitable for energy-sensitive applications. The integrated sync feature allows multiple Micromodules to synchronize to an external frequency.

The new MicroModule also meets the requirements of EMC standard EN55032/CISPR32 Class B for radiated and conducted interference with verified filter combinations. The selectively controllable “spread spectrum” feature optimizes EMC behavior.

The new member of the MagI³C-VDMM family is available from stock, even in larger quantities. Free samples can be requested at any time.

**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 **60-V variant of the MagI³C-VDMM family** |

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 EMC components, inductors, transformers, RF components, varistors, capacitors, resistors, quartz crystals, oscillators, power modules, Wireless Power Transfer, LEDs, sensors, radio modules, connectors, power supply elements, switches, push-buttons, connection technology, fuse holders and solutions for wireless data transmission. The portfolio is complemented by customized 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 7,900 people. In 2023, the Würth Elektronik Group generated sales of 1.24 Billion Euro.

Würth Elektronik: more than you expect!

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

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