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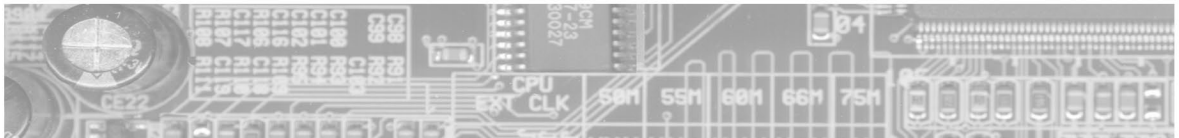
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Winbond has unveiled its latest 1Gb QspiNAND Flash for wearable and low-power IoT devices

Taichung, Taiwan – 2024-08-07 – Winbond Electronics Corporation, a leading global supplier of semiconductor solutions, distributed by Macnica ATD Europe, has unveiled the W25N01KW, a 1Gb 1.8V QspiNAND flash. This new NAND solution is designed to meet the increasing demands of wearable and battery-operated IoT devices with low standby power, small-form-factor package, and continuous read for fast boot and instant-on support.

The W25N01KW flash memory stands out for its high-speed read capabilities, achieving speeds up to 52MB/sec in both Continuous Read and Sequential Read modes. The fast boot and instant-on support enhance energy efficiency and extend the devices' operational lifespan. It also offers an advanced deep power-down mode that reduces power consumption to as low as 1μA. These exceptional features ensure ultra-fast code/data access, longer battery life, and compact design, contributing to an optimized user experience across various applications.

"The W25N01KW reflects our commitment to excellence, integrating innovative design elements to transform the landscape of wearable and low-power IoT devices, enabling manufacturers to deliver cutting-edge solutions to consumers," said Winbond. It is the perfect choice for energy-efficient devices that require high performance in a compact design. In addition to wearable and low-power IoT applications, it's also well-suited for use in smart cameras such as IP cameras, surveillance systems, battery-powered Wi-Fi cameras, and smart doorbells.



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Availability and Pricing

The W25N01KW comes in a small form factor and is available in compact WSON8 (8mm x 6mm) and WSON8 (6mm x 5mm) packages. More Information about availability, samples and pricing, please visit email: sales.europe@macnica.com.

Contact:

Press
Macnica ATD Europe GmbH
Josef Sigl
Tel. +49-89-899143-11
Email: sales.europe@macnica.com

Sales
Macnica ATD Europe GmbH

Tel. +49-84188198-121
Email: sales.europe@macnica.com

About Winbond

Winbond Electronics Corporation is a total memory solution provider. The Company provides customer-driven memory solutions backed by the expert capabilities of product design, R&D, manufacturing, and sales services.

Winbond's product portfolio, consisting of Specialty DRAM, Mobile DRAM, Code Storage Flash, and TrustME® Secure Flash, is widely used by tier-1 customers in communication, consumer electronics, automotive and industrial, and computer peripheral markets.

Winbond is headquartered in Central Taiwan Science Park (CTSP), and it has subsidiaries in the USA, Japan, Israel, China and Hong Kong, and Germany. Based on Taichung and Kaohsiung 12-inch fabs in Taiwan, Winbond keeps pace to develop in-house technologies to provide high-quality memory IC products.

For more information please visit https://www.winbond.com.

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About Macnica ATD Europe GmbH

Macnica's ATD Europe GmbH, (former Macnica GmbH), was originally established in the UK in 2006, and moved to Germany in July 2008, to increase efficacy of its service for European customers.

By it's acquisition of the Munich based company Scantec Mikroelektronik in 2014 Macnica Europe formed a powerful semiconductor distribution with headquarter in Ingolstadt and offices in Munich, Regensburg, Milton Keynes (UK) and Warsaw offering an attractive and competitive portfolio of highly sophisticated devices.

Macnica provides end to end support from design-in to production through its global service network to its customers, regardless of the final destination of the product shipment to customers' manufacturing locations.

About Macnica ATD Europe S.A.S.
Founded in 1990 as ATD Electronique, Macnica ATD Europe headquarter offers innovative components dedicated to imaging applications for the European market. Its product portfolio includes: image sensors (CCD, CMOS, InGaAs, Thermal etc.), optics, interface circuits, FPGA & IPs, imaging processors, cables and OLED microdisplays.

It also covers development tools and design services enabling fast and efficient realization of new high-performance camera systems for markets such as machine vision, medical, life sciences, surveillance, automotive and others. After the acquisition of the company by Macnica Inc. as of October 1, 2020 the company operates under the name Macnica ATD Europe.

About Macnica, Inc.
Macnica was established in 1972 as a semiconductor distribution company headquartered in Yokohama, Japan, and has over 85 sales offices worldwide in eastern Asia, Europe and the USA. Total number of employees is over 3,900 and its consolidated revenue for fiscal 2021 was approximately US$ 7.6 B.

Macnica is famous for having an excellent engineering team of more than 900 application support engineers, IC designers and software developers with strong focus on providing technical support for its customers including custom design services. Macnica is continuing to extend its presence globally by having successful partners in strategic areas in the electronics market.

More information about Macnica: https://www.macnica.com/global/en/home.html.

