Press RELEASES

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# Greenliant Samples High Reliability NVMe NANDrive™ BGA SSDs to Aerospace, Defense, Industrial, Transportation Customers

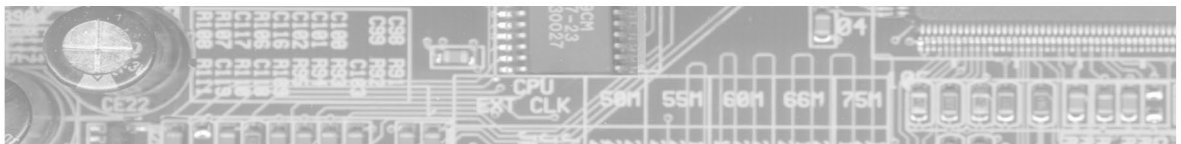
*NVMe NANDrive Provides High Endurance, Fast Performance and Advanced Security*

**SANTA CLARA, CALIF. – MARCH 26, 2024 –** Greenliant is now sampling its new NVMe NANDrive™ ball grid array (BGA) solid state drives (SSDs) to customers requiring reliable, high performance data storage for embedded systems used in high stress, extreme environments. Operating between -40 and +95 degrees Celsius, NVMe NANDrive SSDs support the PCIe Gen3x4 interface and are built in an industry standard M.2 1620 (16 x 20mm, 291-ball) package. See NVMe NANDrive information at https://bit.ly/NVMe-BGA-SSD.

"Building on our proven track record with PATA, SATA and eMMC NANDrive, Greenliant delivers another outstanding high reliability BGA SSD, now with the high speed PCIe NVMe interface, and features that meet the requirements of the most demanding applications," said Arthur Kroyan, vice president, business development and marketing, Greenliant."

The NVMe NANDrive EX Series using Greenliant EnduroSLC™ Technology offers superior data retention and ultra-high endurance of 75,000, 150,000 or 400,000 program-erase (P/E) cycles (up to 17,800 TeraBytes Written (TBW)). NVMe NANDrive EX Series SSDs are available in 20 GB, 40 GB, 80 GB and 160 GB capacities. For long-life applications, NVMe NANDrive EX Series SSDs are included in Greenliant's Long-Term Availability (LTA) program (https://bit.ly/SSD-LTA-program).





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The NVMe NANDrive PX Series using industrial 3-bit-per-cell (TLC) NAND provides high endurance of 5,000 P/E cycles (up to 6,700 TBW) and is ideal for price sensitive applications. NVMe NANDrive PX Series SSDs are available in 64 GB, 128 GB, 256 GB and 512 GB capacities.

**Benefits of NVMe NANDrive SSDs include:**

- High Endurance: 75K, 150K, 400K P/E cycles (EX Series), 5K P/E cycles (PX Series)
- Industrial Temperature: -40°C to +95°C (Tc = Case surface temperature)
- High Performance: Up to 2,400/1,480 MB/s sequential read/write
- Energy Efficient: Low power consumption of 4mW in Sleep Mode
- Data Security: AES-256 hardware encryption, Secure Erase, Hardware Crypto Erase (HCE)

**Availability and Pricing**

Greenliant is sampling NVMe NANDrive EX and PX series SSDs to early engagement customers now, and expects to start volume production in the second half of 2024. More Information about availability and pricing, please visit email: sales.europe@macnica.com.

**Contact:**

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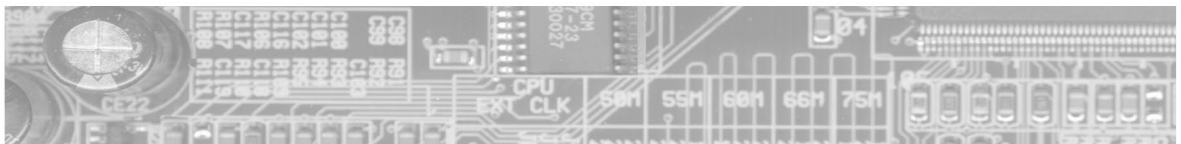
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**About Greenliant**

By leveraging more than 30 years of solid state storage design expertise, Greenliant is dedicated to developing durable, reliable and secure storage solutions for embedded systems and enterprise datacenters.





The company is headquartered in Silicon Valley with product development centers in Santa Clara, Beijing, Shanghai, Xiamen and Hsinchu. https://www.greenliant.com

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**About Macnica ATD Europe GmbH, (former Macnica 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.



