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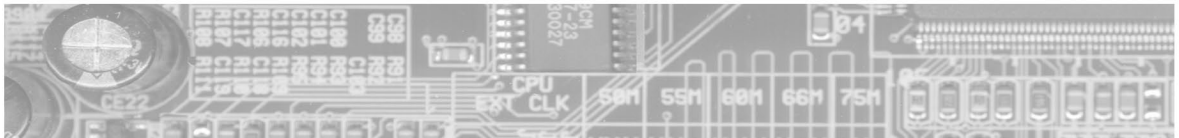
Parade Launches DP 2.1a MST Hub Controller PS8650 for Docks, Accessories, Displays and Video Cards

San Jose, Calif.— September 4, 2024 – Parade Technologies, Ltd. (Taiwan OTC: 4966.TWO), a leading high-speed interface, video display, and touch controller IC supplier, distributed by Macnica ATD Europe, announces the availability of PS8650 DP 2.1a 1:4 MST hub controller for docks, accessories, video displays, and DT/WS graphics cards that need DP port expansion.

The PS8650 is compliant with VESA DisplayPort v2.1a specification. The DP 2.1a receiver supports MST (Multi-Stream Transport) and SST (Single Stream Transport) modes, up to 4 lanes at UHBR20 20Gbps link rate, and DSC v1.2a decode and pass-through. The four DP 2.1a transmitters, each up to 4 lanes at UHBR20 link rate, are capable of MST and SST modes, single video split, lane count/link rate conversion including DP 2.1 MST to DP 1.4 MST conversion, and DSC decode and compressed video pass-through.

PS8650 represents the best-in-class power performance solution on the market with its low power design greatly reducing system power consumption. It complements Parade PS9010 USB4 dock controller and PS8839 USB-C retiming DeMux with DP 2.1a port expansion for dock solutions. PS8650 expands Parade DP 2.1a product portfolio of DP 2.1a retimer, redriver and retiming MUX, as well as USB-C retiming MUX and DeMUX, USB4 retimers and USB4 dock controller with DP 2.1 Alt Mode, providing end-to-end proven solutions.

"PS8650 DP 2.1a 1:4 MST hub controller provides DP port expansion for docks, accessories, displays, high performance graphics cards and other designs," says Jimmy Chiu, Executive VP of Marketing at Parade Technologies. "Parade's comprehensive DP 2.1a product portfolio now includes PS8650 and can readily support customer application needs and implementations with great ease of design."



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Availability and Pricing

The PS8650 is sampling now. It is available in an 8.5mm x 11.5mm 274-ball BGA package. More Information about availability, samples and pricing, please visit email: sales.europe@macnica.com.

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About Parade Technologies

Parade Technologies, Ltd. is a leading supplier of mixed-signal ICs for a variety of increasingly used high-speed and display interface standards used in network and storage systems, computers, automotive, consumer electronics, and display panels. Parade is a fabless semiconductor company founded in 2005 and publicly listed on Taipei Exchange (TPEx) in 2011 (stock code: 4966).

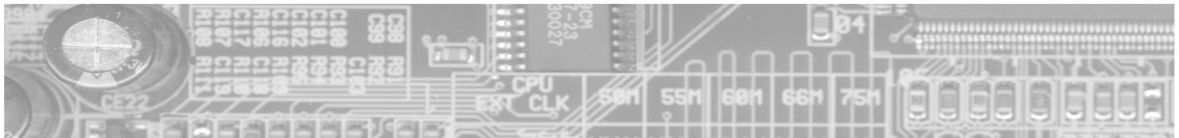
Parade's portfolio of signal conditioning IC products serves the growing demand for high-speed data integrity solutions for HDMI™, DisplayPort™, USB, and PCI Express interface applications. Parade leverages its close relationships with market leading Tier-1 OEMs to develop ICs that enable competitive system capabilities. Parade is also a key contributor to industry standards development organizations.

The company's devices integrate proprietary technologies that offer superior signal integrity as well as improved system integration and power efficiency. As a result of the company's "standards-plus" design philosophy, Parade ICs have been designed into products offered by nearly every leading computer and display vendor worldwide.

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

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.

