

JMicron showcases its new USB Type-C bridge controller, USB Power Delivery, and USB 3.1 Gen 2 solutions at COMPUTEX TAIPEI 2016

HSINCHU, TAIWAN - May 31, 2016 – JMicron Technology Corporation today announced the JMS576; the company's newly released USB3.1 Gen 1 Type-C bridge controllers at COMPUTEX TAIPEI 2016, from May 31 to June 4, 2016, in Taipei. JMicron will also exhibit its USB Power Delivery solutions using the JMS576 and the JMS580, JMicron's USB 3.1 Gen 2 to SATA III controller, which supports a USB data transmission rate at 10Gbps.

JMS576, JMicron's USB Type-C to SATA 6Gbps bridge controller

JMicron will debut the JMS576, its first USB3.1 Gen 1 Type-C to SATA 6Gbps bridge controller at COMPUTEX TAIPEI 2016. The JMS576 integrates a USB Type-C multiplexer inside the controller enabling both of USB Type-C and micro-B connectivity at a data transmission rate of 5Gbps.

Learning from designing the previous generation of USB bridge, JMS578, JMicron was able to improve JMS576's sequential read and write performance. The performance of JMS576 also does not deteriorate by more than 10% because of the signal goes through the additional data path in the Type-C multiplexer.

Regarding JMS576 bridge boards, JMicron has provided a two-layer printed circuit board solution with only 46 parts on the RBOM, and more importantly, it has passed the USB-IF compliance. The solution of merely 36 on the RBOM is available if no certificate is required.

By applying JMicron's this premium JMS576 design, any bridge maker can migrate its external data storage product lines to be USB Type-C enabled in no time.

USB Power Delivery solution of the JMS576

JMicron and a leading Taiwanese power controller design company jointly developed a USB Power Delivery module to work well individually with JMicron's new JMS576. The Power Delivery module can function as an energy supplier to the USB Type-C notebook PC, the JMS576 controller, and the hard disk drive all at the same time when the module is plugged in with an AC adapter. Meanwhile, the USB Power Delivery module can control the notebook PC to service as an energy provider to the JMS576 and the hard disk drive when it is not plugged in with an AC adapter.

Any system company can use this outstanding design to build a USB docking station with a USB hub, a USB Power Delivery, and a Battery Charing capable station for a home or an office product application. This application not only with JMS576 but also works with JMS580, JMicron's USB3.1 Gen 2 to SATA 6Gbps bridge controller, if they seek for a higher USB data bandwidth solution up to 10Gbps.

JMicron will begin to ship JMS576 in Q3 2016.

JMicron product demonstrations at COMPUTEX TAIPEI 2016 will be available in Suite 1117 at the Grand Hyatt Taipei. Admission is by invitation only.

About JMicron Technology

JMicron Technology Corporation is an industry-leading IC company specializing in designing high-speed data and signal interfaces, such as USB3.1 Gen 2 10Gbps, PCIe Gen 3 8Gbps, and SATA Gen 3 6Gbps to connect them to USB to single- or dual-SATA bridges, or SATA to SATA port multipliers.

JMicron's diverse peripheral device product portfolio ranges from USB 3.1 Gen 2, USB 3.1 Gen 1, and USB 2.0 to Firewire enables a full spectrum of external data storage product lines. They include single, dual, and multiple bays hard disks, Blu-ray DVD/CD players, and Network Access Storage (NAS) devices with RAID functionality. For more product information, please go to www.jmicron.com.

More information about these exciting new products, please contact:

sales@jmicron.com

Tel: +886-3-579-7389