

NEWS RELEASE



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Corigine Unveils First Certified SuperSpeed+ USB 3.1 Gen 2 IP With M31 28nm PHY

Enables Deployment of Millions of Electronic Devices with Fastest USB Speed

SANTA CLARA, CALIF. — October 18, 2017 — Corigine, Inc. today announced its USB 3.1 Gen 2 PC host and device controller intellectual property (IP) is certified by the Universal Serial Bus Implementers Forum (USB-IF) and compliant with USB SuperSpeed+, the fastest USB speed standard.

“Our comprehensive USB-IF certified IP solution offers a differentiated memory-efficient, power- and cost-sensitive architecture at the fastest USB speed,” says Sheng Lu, president of Corigine. “This certification creates a highly competitive alternative to what’s currently available for designers to incorporate the highest-performance USB functionality, providing them with greater product design flexibility.”

USB SuperSpeed+, also known as USB 3.1 Gen 2, doubles the uppermost USB transfer speed to 10 gigabits per second. “At this speed, it is possible to take advantage of the

performance of the latest generation of SSD drives and unleash smartphone and video applications that depend on high-speed data transfers,” remarks Mike Demler, senior analyst at The Linley Group. With this USB-IF certification, Corigine’s IP will enable deployment of millions of devices that need the fastest USB speed.

Corigine used its USB 3.1 Gen 1 IP experience to deliver a compact USB 3.1 Gen 2 IP core with a reduced power, memory-efficient and configurable design. A complete development environment includes the PC host and device controllers, verification IP, IP subsystems, IP prototyping and software development kits, enabling shorter design cycles for customers. While the IP can be applied to a variety of process nodes, a 3.1 Gen 2 PHY from partner [M31Technology Corporation](#) of Hsinchu, Taiwan, is available in various nodes including 28nm and 40nm.

“M31 is delighted to have USB-IF certification along with Corigine’s USB Gen 2 controllers and pleased to offer the 3.1 Gen 2 PHY as part of Corigine’s complete and highly competitive offering,” adds Scott Chang, M31’s vice president technology.

Pricing and Availability

Corigine’s USB 3.1 Gen 2 IP solution is shipping now. Pricing is available upon request.

About Corigine

Corigine, Inc. is a fabless semiconductor and IP company headquartered in Santa Clara, Calif., with design centers in Hong Kong, Nanjing and Shanghai, China. Corigine delivers intellectual property (IP) solutions for high-speed I/O as well as semiconductor products for connectivity, storage and machine learning applications targeted at cloud, automotive and smart city markets. Corigine’s seasoned IP experts from top fabless semiconductor companies leverage

an advanced architecture to deliver innovations for emerging applications for reduced power, area and memory utilization while ensuring maximum performance and configurability.

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