Synopsys Joins the AVnu Alliance

Alliance grows technology ecosystem with the addition of Synopsys to their membership roster.

Beaverton, OR – March 17, 2015 – AVnu Alliance, the industry consortium driving open standards deterministic networking through certification, has added Synopsys, an industry technology leader to its membership roster. As an AVnu Alliance member, Synopsys is committed to developing and promoting the growth of AVB/TSN within the Alliance.

This addition, along with the dozen other members added over the past year, represents the industry's recognition of the benefits of standard Ethernet and guaranteed interoperability through AVnu certification.

Synopsys' portfolio of DesignWare® Ethernet IP supports the latest 10/100 through 100G specifications including AVB/TSN, data center bridging and TCP/IP offloading. The complete solution consisting of digital controllers, PHYs and verification IP is silicon-proven and shipping in volume production in over 500 designs. The Ethernet IP is a part of Synopsys' broad DesignWare IP portfolio including logic libraries, embedded memories, embedded test, analog IP, interface IP, embedded processors and subsystems.

"As a leading provider of interface IP, Synopsys delivers silicon-proven DesignWare Ethernet IP solutions for integration into a wide range of networking SoCs," said John Koeter, vice president of marketing for IP and prototyping at Synopsys. "Joining the AVnu Alliance reinforces our commitment to supporting the ecosystem with certified and interoperable IP solutions that enable designers to mitigate integration risk and accelerate time-to-market."

In addition to certification, Alliance members have access to compliance tools, testing plans, and test suites enabling early internal testing. Members may also benefit from participating in member-only plug fests, offering a unique hands-on opportunity for engineers to test connectivity and interoperability.

"By adding members such as Synopsys that can add to the complete AVB/TSN value-chain, we are strengthening the solid foundation for the growing AVnu-certified ecosystem," said Yong Kim, AVnu Alliance Chairman. "Synopsys comes to the Alliance with a wealth of experience in the industry, which will benefit our broad market segments and the alliance mission."

If you are interested in joining AVnu Alliance or finding out more, please contact administration@AVnu.org.

About AVnu Alliance

The AVnu Alliance is a community creating an interoperable ecosystem of low-latency, time-synchronized, highly reliable networked devices using open standards. AVnu creates comprehensive certification programs to ensure interoperability of networked devices. The foundational technology enables deterministic synchronized networking based on IEEE Audio Video Bridging (AVB) / Time Sensitive Networking (TSN) base standards. The Alliance, in conjunction with other complimentary standards bodies and alliances, develops complete solutions in professional AV, automotive, industrial control and consumer segments.

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