



PRESS RELEASE

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AVnu Alliance Announces First Certified Audio Endpoint Reference Platform

XMOS AVB Audio Endpoint Receives AVnu Certification.

Beaverton, OR & Bristol, UK – December 9, 2014 – XMOS and AVnu Alliance®, the industry consortium driving open standards-based deterministic networking through certification, is proud to announce the first AVnu-certified Audio Video Bridging (AVB) audio endpoint reference platform. The XMOS software-defined solution has passed all testing for certification and will now bear the AVnu-certified Logo.

The newly AVnu-certified XMOS AVB hardware and software reference platform is an affordable, scalable and production-ready solution that allows customers to quickly and easily build a wide range of AVB-enabled audio products, from single speakers and microphones to complex multichannel mixing desks and multi-port conferencing systems.

“AVnu certification reinforces XMOS’s leading position in the audio market, adding AVB standards-based networked audio connectivity to our already established USB Audio 2.0 solutions,” said Paul Neil, Vice President Product Management, at XMOS. “AVB standards have huge benefits for our customers; by selecting XMOS our customers can add the enhanced functionality that AVB provides and through software development quickly create a portfolio of AVB enabled products. We chose to pursue AVnu certification to provide our customers fast time-to-market with a proven, flexible, scalable networked audio connectivity solution.”

“Thanks to XMOS and all of our members pursuing AVnu certification, we are able to offer choice, flexibility and reliability to end users looking for plug-and-play products,” said AVnu Alliance President, Rick Kreifeldt. “XMOS has made it even easier for professional audio networking manufacturers to add AVB to product lines, which in turn expands the AVnu-certified ecosystem of devices. We are excited to continue announcing AVnu-certified devices while expanding certification and interoperability testing for automotive, video and consumer electronics in 2015.”

Because the AVB functionality of the XMOS audio endpoint reference platform is defined in software, running on the company’s family of multicore microcontroller semiconductor devices, customers can create the exact feature set required for their products. Already in use by leaders in the field such as Revolabs and Pivitec, the reference platform enables transport of A/V streams across mixed-use networks with a

very high quality of service. Its software-configurable nature also means that it can be used as the basis for multi-standard systems that carry a variety of data types, and interface with a variety of legacy systems, such as CANbus in the automotive and industrial markets.

AVnu Alliance has built robust and comprehensive testing requirements for products based on the market requirements. AVnu Certification is open for switches and professional audio products at its appointed testing house, University of New Hampshire InterOperability Lab (UNH-IOL). Any member may enter a product into certification testing.

About XMOS

XMOS is an innovative fabless semiconductor company with its headquarters and main development center in Bristol, UK, and with an additional development center in Chennai, India, plus sales offices and distributors supporting customers around the globe. The company's wide range of intelligent xCORE™ multicore microcontrollers allow engineers to create the exact hardware system needed for their application, all in software. This makes xCORE multicore microcontrollers ideal for demanding embedded applications in audio, automotive, consumer, industrial and robotics products, where other microcontrollers struggle. XMOS provides xTIMEcomposer™ Studio, a free-to-use development system that makes it simple to design complex embedded systems all in software.

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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