

Avnet Silica announces distribution agreement with Octavo Systems and gains access to advanced System-in-Package (SiP) technology

Deal includes worldwide exclusivity to market Xilinx OSDZU3 modules as well as access to advanced SiP systems built around industry-standard processors

Brussels, Belgium, 5th April 2022– Avnet Silica, an Avnet company (NASDAQ: [AVT](#)), today announced it has added advanced SiP (System-in-Package) technology to its portfolio, via a distribution agreement between Avnet and [Octavo Systems](#), a leading provider of innovative high-quality SiP solutions.

The industry is increasingly seeing a transition from System-on-Chip (SoC) integration to new and innovative SiP methodologies. Employing standardised SiP devices in electronic designs across a wide variety of different applications can simplify the design and development process and speed the time to market. For example, it can deliver a multitude of benefits including a significant reduction in board real-estate and bill-of-materials (BOM) cost, along with a much-simplified supply chain with the number of discrete parts decreasing from potentially up to 150 components down to a single device.

A key element of the agreement is exclusivity for Avnet Silica – and worldwide exclusivity for Avnet – for the Xilinx-based OSDZU3 SiP family from Octavo. The OSDZU3 SiP family includes Xilinx’s single-package XCZU3 Zynq Ultrascale+ MPSoC, which integrates a ZU3 multiprocessor, plus up to 16GB of LPDDR4 memory, power management circuitry and other necessary components. The device’s highly flexible integration means it takes up less than half the space of a discrete solution, while also providing fast access to I/O and the ability to take advantage of all the power modes of the ZU3. In addition, the agreement provides access to many other advanced SiP devices across the whole of the Octavo portfolio.

“System-in-Package technology is an increasingly important tool in the field of electronic design,” said Lucio Fornuto, Director Demand Creation EMEA at Avnet Silica. “Access to Octavo’s innovative solutions will enable our customers to take advantage of significant savings in the product development process, in their supply chains and their overall total cost of ownership.”

“We are delighted to be working with Avnet Silica as a proven and specialist silicon distributor and Avnet globally with its world-class logistical systems and capabilities,” said Martín Burgos, Director Business Development at Octavo Systems. “This agreement augments our strategy to bring our products to an expanded range of customers that can really benefit from our advanced SiP technologies across a wide selection of applications and market sectors.”

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About Avnet Silica

Avnet Silica is the European semiconductor specialist division of Avnet, one of the leading global technology distributors, and acts as the smart connection between customers and suppliers. The distributor simplifies complexity by providing creative solutions, technology and logistics support. Avnet Silica is a partner of leading semiconductor manufacturers and innovative solution providers over many years. With a team of more than 200 application engineers and technical specialists, Avnet Silica supports projects all the way from the idea to the concept to production. Avnet Silica is a regional business unit of Avnet, (NASDAQ: AVT) with European headquarters in Belgium (Avnet Europe Comm. VA). For more information, visit www.avnet-silica.com

About Avnet



As a leading global technology distributor and solutions provider, Avnet has served customers' evolving needs for an entire century. We support customers at each stage of a product's lifecycle, from idea to design and from prototype to production. Our unique position at the center of the technology value chain enables us to accelerate the design and supply stages of product development so customers can realize revenue faster. Decade after decade, Avnet helps its customers and suppliers around the world realize the transformative possibilities of technology. Learn more about Avnet at www.avnet.com.

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