

Avnet Silica signs deal with Insight SiP, broadening its offering of integrated RF modules based on system in package technology

Insight SiP delivers smaller, integrated wireless solutions for portable applications

Brussels, Belgium, 4th February 2021 – Avnet Silica, an Avnet company (NASDAQ: [AVT](#)), today announced it has signed a distribution agreement with Insight SiP, a leading developer of ultra-miniature RF modules with embedded antennas, using system-in-package and antenna-in-package technology.

Avnet Silica customers across the EMEA region are now able to purchase a range of Insight SiP modules, including:

- Bluetooth Low Energy (BLE) modules for short range networking, including the iSP19, iSP18 and iSP15 series. These devices are designed to provide low-cost, low-power wireless connectivity in PCs, smart phones, IoT smart objects and M2M across diverse sectors such as domotics/home automation, healthcare, industrial and wearables.
- Low Power Wide Area Network (LPWAN) iSP45 series, which incorporates long-range LoRa connectivity with short-range BLE 5.0 and NFC for set up and maintenance.

All of the Insight SiP modules offered by Avnet Silica feature integrated antennas and are fully certified by Bluetooth SIG and by global regulatory bodies such as the FCC, CE and TELEC.

The increased demand for wireless connectivity in portable electronic devices has driven manufacturers to deliver smaller, more cost-effective solutions. This makes the integration of RF into a single product more and more complex and increases technical risk, while at the same time design engineers are under increasing pressure to shorten the product development cycle. SiP technology enables greater functionality to be achieved in less time than is associated with designing and certifying products based on discrete devices. SiP design also avoids incurring the time-to-market penalty and higher upfront cost of ASIC development.

Laurence Dellicott, Director Supplier Management at Avnet Silica, commented, “Insight SiP’s system-in-package approach makes complex RF systems easy to integrate in any existing or future connected application. By developing products with Insight SiP modules, our customers are able to reduce their design complexity and achieve faster time-to-market.”

Nick Wood, Sales and Marketing Director at Insight SiP, added, “Avnet Silica’s strength is in the semiconductor sector and its existing distribution partnerships with the world’s top chip suppliers, including some of those that supply Insight SiP. This makes our agreement particularly beneficial for mutual customers across EMEA, enabling them to access our integrated modules alongside these chip level offerings.”

Avnet has regional agreements in place with Insight SiP and recently announced a distribution partnership in Japan.

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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 BV). 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.

About Insight SiP

With its R&D team based in Sophia Antipolis in the south of France, Insight SiP specialises in the miniaturisation of RF modules using System-in-Package technology. Its unique offerings include the smallest complete BLE module in the world, the world's first Antenna-in-Package, the world's first UWB/BLE and LoRa/BLE combo modules with integrated antennas, and the world's smallest microcomputer in an SD card format. Created in 2005 by experienced electronic industry executives, Insight SiP has been a global business since 2008 with a subsidiary in the US, a sales office in Japan and a network of over 30 distributors across the globe. (www.insightsip.com)

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