

Quectel Modules Now Qualified for Deployment in Avnet eUICC Solution for Industrial IoT

Leading-edge low-power LTE cellular communication modules enable quick deployment and flexibility of robust IoT solutions

Brussels, Belgium, 21st January 2019 – Avnet Silica, an Avnet company (NASDAQ: [AVT](#)), today announced that cellular communication modules from Quectel are now qualified for use in Avnet's advanced [eUICC](#) (embedded Universal Integrated Circuit Card) solution. The news further strengthens Avnet's global partnership with [Quectel](#), which is a leading supplier of industrial-grade cellular and GNSS modules, and is a key supplier for Avnet on a global basis and for Avnet Silica in the EMEA region.

Avnet's eUICC solution offers future-proof cellular connectivity to meet the growing communication requirements for IoT and Industry 4.0 applications. The solution is based on the Avnet Global IoT SM-SR (Subscription Management Secure Routing) and has been designed to help OEMs and enterprises deliver connected products and IoT services around the world.

A key element of the eUICC solution is to enable OEMs and IoT service providers to quickly and easily change mobile network operators (MNOs) by uploading new profiles remotely. This negates the need to manually change the embedded SIM card in devices, machines or sensors that are already deployed in the field.

"The Avnet eUICC solution is a significant value-added service that enables cost savings in logistics, production and life-cycle management for our customers and their customers," said Guillaume Crinon, Avnet's global IoT strategy manager for security and connectivity. "A key element in delivering this kind of solution is ensuring our customers can rely on leading-edge and pre-qualified cellular technologies, such as these modules from Quectel, enabling IoT service providers to quickly deploy robust and reliable IoT platforms."

Avnet Silica was the first division of Avnet to deploy the company's eUICC solution. It manages the delivery, integration and cellular service operations for an estimated 10,000 industrial customers based across the EMEA region.

Avnet and Quectel have closely cooperated during a series of intensive and rigorous testing procedures to ensure a high level of module and platform resilience across a range of harsh conditions that are typical for industrial environments. This process has led to the qualification of five Quectel modules – the BG96, UG96, EC21, EG95 and EC25, which are wireless communication modules that have been specifically designed for M2M and IoT applications, while also supporting worldwide coverage of NB-IoT, Cat M1, UMTS/HSPA+ and LTE networks. The list will be augmented with further Quectel modules being added in the coming weeks and months.

"This eUICC initiative is an important connectivity service solution for the IoT value chain," said Delbert Sun, Quectel's product and marketing Director. "Quectel is continuing to work hand-in-hand with Avnet to enable OEMs a wider choice of qualified Quectel modules and let them take advantage of Avnet's fully-fledged turnkey solution."

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About Quectel

Quectel Wireless Solutions is the leading global supplier of GSM/GPRS, UMTS/HSPA(+), LTE, LTE-A, AI based Smart Module, LPWA and GNSS modules. As a professional IoT technology developer and cellular module supplier, Quectel is able to provide one-stop service for IoT cellular modules. Quectel products have been widely applied in IoT/M2M fields including smart payment, telematics and transport, smart energy, smart city, security, wireless gateway, industry, healthcare, agriculture and environment monitoring. For more information, please visit Quectel's [website](#), [LinkedIn](#), [Facebook](#) and [Twitter](#) pages.

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

Avnet is a global technology solutions provider with an extensive ecosystem delivering design, product, marketing and supply chain expertise for customers at every stage of the product lifecycle. We transform ideas into intelligent solutions, reducing the time, cost and complexities of bringing products to market. For nearly a century, Avnet has helped 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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