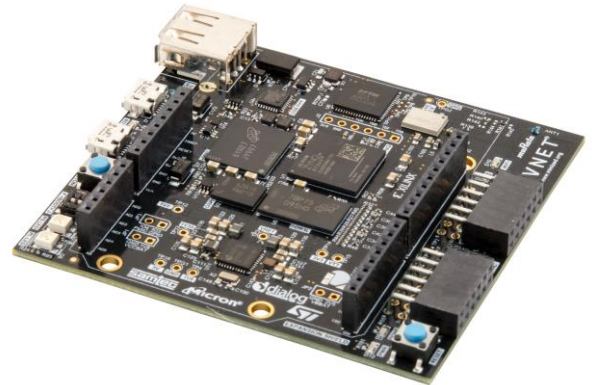


## Avnet Silica Introduces Cost-Optimized MiniZed Platform for Embedded Vision and Industrial IoT Systems

Single-Core Zynq-7000 SoC-based board delivers performance in small form factor for entry-level application development

Poing, Germany, 26<sup>th</sup> June 2017 – Avnet Silica, an Avnet company (NYSE: [AVT](#)), introduced the compact and cost-effective MiniZed™ Zynq SoC development platform. MiniZed provides an entry-level development and demonstration platform for single-core Xilinx® Zynq®-7000 All Programmable SoC devices. This cost-optimized solution supports cloud connectivity and industrial IoT applications such as motor control and embedded vision. The starter kit is now available for ordering, with shipments starting in early July. A video demonstration of the MiniZed technology can be viewed [here](#).



Showcasing the power of the Zynq-7000S SoC device family, which features a single-core ARM® Cortex™-A9 processor paired with 28nm Artix®-7 based programmable logic, MiniZed represents the lowest cost entry point to the scalable Xilinx Zynq-7000 All Programmable SoC development platform. MiniZed's compact design – small enough to fit into a shirt pocket – features on-board connectivity through USB, Wi-Fi and Bluetooth. Peripherals can be plugged into dual Pmod-compatible connectors, the Arduino-compatible shield interface or the USB 2.0 host interface. User LEDs, a button and a switch allow for a physical board interface, while JTAG circuitry is incorporated onto the MiniZed base board. Tutorials, which will be available for download at [www.minized.org](http://www.minized.org), use the on-board microphone as an example input to demonstrate how to easily implement filters and FFTs in the fabric. The on-board eMMC (8GB) provides convenient storage for the OS, files and logs.

The MiniZed platform is supported by the [www.minized.org](http://www.minized.org) community website where users can collaborate with other engineers also working on Zynq designs. Click [here](#) for more information.

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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. For more information, visit [www.avnet-silica.com](http://www.avnet-silica.com)

### **About Avnet**

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