

For Immediate Release

Mouser Signs Global Agreement with SensiEDGE to Distribute SensiBLE Module and Development Kit for IoT-Ready Apps

December 12, 2017 – [Mouser Electronics](http://www.mouser.com), Inc., the authorized global distributor with the newest semiconductors and electronic components, announces a global distribution agreement with [SensiEdge](http://www.sensiedge.com), developer and manufacturer of the SensiBLE family of board-level [Internet of Things](http://www.internetofthings.com) (IoT) modules and development tools. As part of the agreement, Mouser is stocking the company's [low-power](http://www.sensiedge.com) SensiBLE IoT edge module and accompanying SensiBLE development kit with integrated debugger, which enable designers to reduce the length of IoT prototyping cycles through the combination of the module's embedded IoT software and hardware both provided by STMicroelectronics (ST).

The [SensiEDGE SensiBLE IoT module](http://www.sensiedge.com), now available from Mouser Electronics, features a suite of sensors, *Bluetooth*® connectivity, and a microcontroller in one of the world's tiniest system-on-board solutions. The Bluetooth- and FCC/IC-certified module is a combination of four ST Nucleo development boards, with the heart of the module containing the [STM32L476RG](http://www.st.com) Arm® Cortex®-M4 32-bit microcontroller for running the software. The flexibility of the module offers the opportunity to use it in a design as-is, or switching it out for individual components once volumes increase and the design goes into full-scale production — all without significant rework.

The SensiBLE IoT module also features a host of configurable hardware options that are ideal for IoT applications, including a low-power module for Bluetooth 4.1, a stereo digital microphone, and 4 Mbits of SPI flash. The board offers a variety of onboard sensors for tracking applications, including a 3-axis accelerometer, gyroscope and magnetometer. Ideal for environmental applications, it features a relative humidity with temperature sensor, pressure sensor, digital RGB/IR and ambient light sensor with color detection, plus a digital microphone. Additionally, dedicated apps and a software development kit (SDK) for the iOS and Android enable communication with the SensiBLE module to begin reading sensor values; unique customer apps can also be developed.

The SensiEDGE SensiBLE IoT module is powered using a coin cell battery (which can be extended to a rechargeable battery via minimal changes), mini USB or external power. It is supported by a [SensiBLE Development Kit](http://www.sensiedge.com), which features an integrated debugger, Arduino-compatible headers, and PC connectivity. SensiBLE is also fully compatible with ST's [STM32 Nucleo](http://www.st.com) and [X-Nucleo ecosystem](http://www.st.com) for rapid development and deployment. Target IoT applications include battery-powered [sensor](http://www.sensiedge.com) devices, wearables, smart appliances, [medical](http://www.sensiedge.com) and fitness trackers, home automation, consumer electronics, retail beacons, and asset trackers.

To learn more about the SensiEDGE and the SensiBLE module and development kit, visit www.mouser.com/sensiedge.

With its broad product line and unsurpassed customer service, Mouser strives to empower innovation among design engineers and buyers by delivering advanced technologies. Mouser stocks the world's widest selection of the latest semiconductors and electronic components for the newest design projects. Mouser Electronics' website is continually updated and offers advanced search methods to help customers quickly locate inventory. Mouser.com also houses data sheets, supplier-specific reference designs, application notes, technical design information, and engineering tools.

About Mouser Electronics

Mouser Electronics, a Berkshire Hathaway company, is an award-winning, authorized semiconductor and electronic component distributor focused on rapid New Product Introductions from its manufacturing partners for electronic design engineers and buyers. The global distributor's website, Mouser.com, is available in multiple languages and currencies and features more than 4 million products from over 600 manufacturers. Mouser offers 22 support locations around the world to provide best-in-class customer service and ships globally to over 550,000 customers in 170 countries from its 750,000 sq. ft. state-of-the-art facility south of Dallas, Texas. For more information, visit www.mouser.com.

About SensiEDGE

SensiEDGE manufactures products that simplify and accelerate the innovation of Internet of Things (IoT) products. The company developed the SensiBLE family of board-level IoT modules, designed with the goal of getting IoT hardware to the market faster with shorter prototyping cycles. They also offer hardware- and software-ready resources and other products to help developers make fast proofs of concepts.

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