

New Product Announcement

Dialog's SmartBond Multi-Sensor Kit, Now at Mouser, Boasts Bluetooth and 15 Degrees of Freedom for IoT Node Applications

September 10, 2018 – [Mouser Electronics](http://www.mouser.com), Inc., the New Product Introduction (NPI) leader empowering innovation, is now stocking the [SmartBond™ Multi-Sensor Kit](#) from [Dialog Semiconductor](#). The smallest and lowest power wireless sensor kit on the market, the kit is built on Dialog's DA14585 SmartBond system-on-chip (SoC) and integrates TDK InvenSense motion sensors and Bosch Sensortec environmental sensors for 15 degrees-of-freedom (DOF) in [Internet of Things](#) (IoT) applications.

[Dialog's SmartBond Multi-Sensor Kit](#), available from Mouser Electronics, is a complete multi-[sensor](#) node solution that enables engineers to develop multiple applications on the same hardware and support different use cases through firmware. The kit combines *Bluetooth*® 5 wireless communications and an Arm® Cortex®-M0 processor with an accelerometer, gyroscope, magnetometer and environmental sensors to help reduce development time, enable rapid proof of concept, and accelerate time to market.

The kit offers flexibility across hardware and software that includes extensive cloud support ranging from IFTTT for the creation of simple applets, to the creation of advanced workflows for data analytics supporting cloud agents from all major platforms. Through cloud connectivity, engineers can incorporate visualization of historic data with data analytics, remote sensor management, Alexa voice command support, alert notifications, cloud-based actuator control, and more into their projects.

The Multi-Sensor Kit is supported by Dialog's software suite, which includes application software running on the DA14585, cloud gateway software for Raspberry Pi hardware, web applications, and mobile applications for Android and iOS. Sensor data collected by the onboard DA14585 can be processed locally by Dialog's unique SmartFusion™ software to enable data transmission with minimal interference and the lowest power consumption prior to transmission to a smartphone or Bluetooth-enabled Raspberry Pi gateway to the cloud.

To learn more, visit www.mouser.com/dialog-smartbond-da14585-iot-dev-kit.

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 5 million products from over 700 manufacturers. Mouser offers 23 support locations around the world to provide best-in-class customer service and ships globally to over 600,000 customers in more than 220 countries/territories from its 750,000 sq. ft. state-of-the-art facility south of Dallas, Texas. For more information, visit www.mouser.com.

About Dialog Semiconductor

Dialog Semiconductor creates highly integrated, mixed-signal integrated circuits (ICs), optimized for personal portable, low-energy short-range wireless, LED solid-state lighting and automotive applications. The company provides flexible and dynamic support, world-class innovation and the assurance of dealing with an established business partner.

Trademarks

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– 30 –

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