

## New Product Announcement

# Dialog's DA14531 SmartBond TINY Dev Kits, Now at Mouser, Deliver Low System Cost to Next-Gen IoT Products

**December 17, 2019** – [Mouser Electronics](http://www.mouser.com), Inc., the authorized global distributor with the newest semiconductors and electronic components, is now stocking the [DA14531 SmartBond TINY™ Development Kits](#) from [Dialog Semiconductor](#). The new development kits are designed for power measurement and application development based on the [DA14531](#) SmartBond TINY system-on-chip (SoC), the industry's smallest and most power-efficient *Bluetooth*® 5.1 SoC. The **low-power**, cost-effective DA14531 SoC enables new classes of [Internet of Things](#) (IoT) devices, including the growing market for connected [medical](#) products.

The [Dialog DA14531 SmartBond TINY Development Kits](#) are available from Mouser Electronics in Pro and USB versions. The DA14531 Development Kit Pro includes a Bluetooth Low Energy motherboard, daughterboard with the DA14531 SoC, and a mini-USB cable. The kit's extensive features include two mikroBUS header interfaces, Arduino Uno compatibility, and onboard 2-Mbit SPI data flash. The DA14531 Development Kit Pro allows users to perform [RF](#) measurements using an embedded printed antenna and SMA connector capability. The DA14531 Development Kit USB is a small, portable USB board with Bluetooth Low Energy technology, one mikroBUS connector, 2 Mbits of SPI flash, and an onboard DA14531 SoC.

The DA14531 SmartBond TINY SoC is based on an Arm-Cortex M0+ microcontroller with a complete set of analog and digital peripherals, and incorporates a 2.4 GHz transceiver in a minuscule form factor of just 2.0 × 1.7 mm. Requiring just a few external components, the ultra-low-power SoC allows engineers to integrate the device into asset tracking, [RFID](#) tags, beacons, wearables, medical, and automotive applications.

As an authorized distributor, Mouser Electronics is focused on the rapid introduction of new products and technologies, giving customers an edge and helping speed time to market. Over 800 semiconductor and electronic component manufacturers count on Mouser to help them introduce their products into the global marketplace. Mouser's customers can expect 100% certified, genuine products that are fully traceable from each manufacturer.

To learn more, visit <https://www.mouser.com/new/dialog-semiconductor/dialog-da14531-dev-kit-pro/>.

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 800 manufacturers. Mouser offers 27 support locations around the world to provide best-in-class customer service and ships globally to over 630,000 customers in 223 countries/territories from its 750,000 sq. ft. state-of-the-art facility south of Dallas, Texas. For more information, visit [www.mouser.com](http://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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Further information, contact:  
Kevin Hess, Mouser Electronics  
Senior Vice President of Marketing  
(817) 804-3833  
[Kevin.Hess@mouser.com](mailto:Kevin.Hess@mouser.com)

For press inquiries, contact:  
Kelly DeGarmo, Mouser Electronics  
Manager, Corporate Communications and Media Relations  
(817) 804-7764  
[Kelly.DeGarmo@mouser.com](mailto:Kelly.DeGarmo@mouser.com)