



New Product Announcement

Mouser Electronics Now Stocking ON Semiconductor RSL10 Multi-Protocol SiP for IoT and Wearables

November 14, 2018 – [Mouser Electronics](#), Inc., the authorized global distributor with the newest semiconductors and electronic components, is now stocking the [RSL10](#) multi-protocol system-in-package (SiP) from [ON Semiconductor](#). With [ultra-low-power](#) wireless connectivity to meet the needs of a broad range of connected applications, the versatile *Bluetooth*® 5-certified SiP includes support for a 2 Mbit per second (Mbps) RF link, as well as 2.4 GHz proprietary or custom protocols.

The [ON Semiconductor RSL10](#) SiP, available from Mouser Electronics, features a 48 MHz Arm® Cortex®-M3 processor bolstered by a 32-bit dual-Harvard DSP core that supports intensive signal processing applications. Including both flash and RAM, the device's diverse memory architecture enables storage of the Bluetooth stack, as well as other applications. The highly integrated RSL10 SiP includes a DMA controller, oscillators, and high-efficiency power management units, and supports a supply voltage range of 1.1 to 3.3 V.

The SiP is supported by the [RSL10 SiP Evaluation Board](#), which provides access to all input and output connections through standard 0.1-inch headers. Additionally, the evaluation board offers an onboard communication interface circuit and a J-Link solution to enable users to debug the board through a USB/PC connection.

ON Semiconductor's RSL10 SiP is designed to bring ultra-low-power connectivity to [Internet of Things](#) (IoT) devices, high-performance wearables, fitness trackers, smart locks, and appliances.

To learn more, visit www.mouser.com/onsemi-rsl10-sip.

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 750 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 ON Semiconductor

ON Semiconductor is a premier supplier of high-performance, energy-efficient silicon solutions for green electronics. ON Semiconductor's broad portfolio of power and signal management, logic, discrete and custom devices helps customers efficiently solve their design challenges in automotive, communications, computing, consumer, industrial, LED lighting, medical, military/aerospace and power applications.

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– 30 –

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