



New Product Announcement

Redpine Signals' RS9116 Modules, Now at Mouser, Support Multi-Protocol Wireless Connectivity for IoT Applications

June 19, 2019 – [Mouser Electronics](#), Inc., the New Product Introduction (NPI) leader empowering innovation, is now stocking the [RS9116](#) family of modules from [Redpine Signals](#). The RS9116 family provides reliable multi-protocol wireless connectivity for a broad range of [low-power](#) applications, including [security](#) cameras, [industrial](#) sensors, fitness bands, and smart locks, and [Internet of Things](#) (IoT) devices.

The [Redpine RS9116](#) modules, available from Mouser Electronics, support multi-protocol wireless connectivity with *Bluetooth*® 5, dual-band (2.4 GHz and 5 GHz) 802.11abgn Wi-Fi, and 802.15.4 capable of running Thread or Zigbee®. The RS9116 modules feature an integrated baseband processor with [RF](#) transceiver, calibration memory, high-power amplifier, and flash memory. The modules' architecture enables optimized transitions between high-performance and low-power operating modes, allowing the devices to support a Wi-Fi standby associated power of less than 90 µA. Additionally, the devices include an ultra-low-power wake-up receiver with secure wake-up pattern to prevent battery drain attack. The RS9116 modules are available in either embedded (WiSeConnect™) or hosted (n-Link™) configurations for easy integration with different processor families and operating systems.

Mouser is also stocking the [RS9116 development tools](#). Available in single-band (2.4 GHz) and dual-band (2.4 GHz and 5 GHz) versions, the RS9116 Evaluation Kits provide a single platform that enables evaluation of both n-Link and WiSeConnect RS9116 modules. Each kit includes an RS9116 baseboard, wireless daughter card, and necessary cables, plus a sample driver and applications to test wireless functionality, security modes, and more.

To learn more, visit www.mouser.com/redpine-signals-rs9116-socs.

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 25 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 Redpine Signals

Redpine Signals is a wireless systems company with unique chipset and system level products for wireless networks. Founded in 2001, Redpine created advanced wireless technology that includes ultra-low-power and high-performance products for the next generation of wireless applications. The company launched several modules and sub-systems focusing on specific vertical market segments including industrial, wireless sensor, wireless audio & video, voice over Wi-Fi and high end consumer. Redpine delivers an optimal wireless solution to meet customer's requirements at an optimal price point.

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For further information, contact:
Kevin Hess, Mouser Electronics
Senior Vice President of Marketing
(817) 804-3833
Kevin.Hess@mouser.com

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