New Product Announcement

Now at Mouser: Laird Connectivity Sterling-LWB5+ Wi-Fi & Bluetooth Modules for Next-Generation IoT Applications

February 2, 2021 – Mouser Electronics, Inc., the authorized global distributor with the newest semiconductors and electronic components, is now stocking the new Sterling-LWB5+ modules from Laird Connectivity. The modules deliver Wi-Fi 5 (802.11ac) and *Bluetooth*® 5.1 communications to next-generation Internet of Things (IoT) devices such as battery-powered medical devices, industrial IoT sensors, rugged handheld devices, and other connectivity solutions.

The Laird Connectivity Sterling-LWB5+ modules, available from Mouser Electronics, are powered by the Infineon CYW4373E solution, supporting reliable and secure performance in industrial IoT settings. Ideal for harsh environments, the Sterling-LWB5+ modules boast a solder-down module form factor to minimize the effects of vibration and impacts, as well as an industrial temperature rating of minus 40 to plus 85 degrees Celsius. The Sterling LWB5+ range provides for several small-form-factor PCB modules with options for integrated and pre-certified external antennas, as well as a couple of M.2 form factor solutions for increased host integration flexibility for designers' Linux platforms.

For optimum integration Laird Connectivity has also produced and certified a range of internal and external antennas, along with a reverse polarity SMA cable assembly specifically for Sterling-LWB5+ modules. The antenna range includes the proven internal FlexPIFA, Nanoblade and Mini Nanoblade Flex antennas as well as an external dipole antenna.

The modules support the latest WPA3 security standards, and the devices' integrated power amplifier and low-noise amplifier (LNA) ensure reliable connectivity even in challenging RF environments. The Sterling-LWB5+ devices are available in multiple antenna options and are certified to FCC, IC, CE, MIC, AS/NZ and Bluetooth SIG certification.

To learn more, visit https://www.mouser.com/new/laird-connectivity/laird-connectivity-sterling-lwb5plus/.

As a global authorized distributor, Mouser offers the world's widest selection of the newest semiconductors and electronic components — in stock and ready to ship. Mouser's customers can expect 100% certified, genuine products that are fully traceable from each of its manufacturer partners. To help speed customers' designs, Mouser's website hosts an extensive library of technical resources, including a Technical Resource Center, along with product data sheets, supplier-specific reference designs, application notes, technical design information, engineering tools and other helpful information.

About Mouser Electronics

Mouser Electronics, a Berkshire Hathaway company, is an authorized semiconductor and electronic component distributor focused on New Product Introductions from its leading manufacturer partners. Serving the global electronic design engineer and buyer community, the global distributor's website, mouser.com, is available in multiple languages and currencies and features more than 5 million products from over 1,100 manufacturer brands. Mouser offers 27 support locations worldwide to provide best-in-class customer service in local language, currency and time zone. The distributor ships to over 630,000 customers in 223 countries/territories from its 1 million-square-foot, state-of-the-art distribution facilities in the Dallas, Texas, metro area. For more information, visit https://www.mouser.com/.

About Laird Connectivity

Laird Connectivity simplifies wireless connectivity with market-leading modules, antennas, IoT devices, and customer-specific wireless solutions. Our products are trusted by companies around the world for their performance and reliability. With best-in-class support and comprehensive design services, we reduce your risk and improve your time-to-market. When you need unmatched wireless performance to connect your applications with security and confidence, Laird Connectivity Delivers — No Matter What.

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