

New Product Announcement

Mouser Electronics Now Stocking Silicon Labs' Next-Generation Z-Wave 700 SiP Module for Smart Home Applications

August 19, 2019 – [Mouser Electronics](http://www.mouser.com), Inc., the authorized global distributor with the newest semiconductors and electronic components, is now stocking the [ZGM130S](#) Z-Wave® 700 system-in-package (SiP) module from [Silicon Labs](http://www.silabs.com). Built on Silicon Labs' low-power Wireless Gecko platform, the next-generation Z-Wave 700 device enables rapid development of energy-efficient, long-range interoperable Z-Wave mesh network solutions for smart home [Internet of Things](#) (IoT) devices, including hubs, [security](#), [lighting](#), sensors, door locks, and HVAC. The Z-Wave 700 includes key smart home features including SmartStart for turn-key device commissioning and market-leading Z-Wave S2 security.

The [Silicon Labs ZGM130S](#) Z-Wave 700 SiP module, available from Mouser Electronics, incorporates a 32-bit Arm® Cortex®-M4 core with 512 Kbytes of flash (64 Kbytes of application flash memory), native security stack, and highly integrated Sub-GHz transceiver plus crystal, decoupling, and matching to provide a complete Z-Wave solution that requires only an external antenna. Built with low-power Gecko technology, which includes innovative low energy techniques, fast wake-up times, and energy saving modes, the ZGM130S reduces overall power consumption and maximizes battery life — offering up to 10 years on a single coin-cell battery.

Mouser is also stocking the [Z-Wave 700 Wireless Starter Kit](#), which includes two mainboards, two radio boards with onboard ZGM130S modules, and an EXP board with four buttons and four LEDs. The mainboard contains an on-board J-Link debugger with a Packet Trace Interface and a virtual COM port, enabling application development and debugging the attached radio board as well as external hardware. The mainboard also contains sensors and peripherals for engineers to easily demonstrate and evaluate the capabilities of the ZGM130S.

To learn more, visit www.mouser.com/silabs-zgm130s-z-wave-700-module.

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 nearly 800 manufacturers. Mouser offers 26 support locations around the world to provide best-in-class customer service and ships globally to over 630,000 customers in 230 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 Silicon Labs

Silicon Labs is a leading provider of silicon, software and solutions for a smarter, more connected world. The company's award-winning technologies are shaping the future of the Internet of Things, Internet infrastructure, industrial automation, consumer and automotive markets. Their world-class engineering team creates products focused on performance, energy savings, connectivity and simplicity.

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