

New Product Announcement

Mouser Electronics Now Stocking Silicon Labs' Low-Power WF200 Wi-Fi Transceivers

February 13, 2019 – [Mouser Electronics](http://www.mouser.com), Inc., the industry's leading New Product Introduction (NPI) distributor with the widest selection of semiconductors and electronic components, is now stocking [WF200](#) Wi-Fi transceivers from [Silicon Labs](http://www.silabs.com). Providing a cost-effective option for high-volume applications, the WF200 transceivers support 2.4 GHz 802.11 b/g/n Wi-Fi while delivering the high performance and reliable connectivity necessary for increasing numbers of connected devices in home and commercial networks. The transceivers help simplify the design of power-sensitive, battery-operated Wi-Fi products including [Internet of Things](#) (IoT) devices, IP [security](#) cameras, point-of-sale (PoS) terminals, and consumer [health care](#) devices.

[Silicon Labs WF200](#) transceiver, available from Mouser Electronics, is a Wi-Fi network co-processor optimized for RF performance, low energy, and low cost. With exceptionally low transmit and receive power — 141 mA and 42 mA, respectively — and a link budget of 113 dBm, the device offers an ultra-low-power solution for long-range Wi-Fi transmissions. The transceiver features with two antenna ports, crystal oscillator, one time programmable (OTP) memory, and 13 GPIOs for interfacing with multi-protocol and RF front end module controls. For security-sensitive applications, the WF200S version provides secure boot and a secure and encrypted host interface.

The small, 4 mm × 4 mm WF200 transceiver is pre-certified by the FCC, CE, IC, South Korea and Japan, helping to minimize development time, effort, and risk. The device is supported by the [SLEXP8022](#) expansion kit, which is available with or without a [Raspberry Pi](#) single-board computer. The kit enables development on Silicon Labs' microcontrollers and wireless microcontrollers, with embedded and Linux host drivers, onboard antennas, and a micro u.FL connector for external antennas.

For more information about building and home automation, read the exclusive Silicon Labs and Mouser eBook at www.mouser.com/news/silabs-ebook/mobile/index.html. To learn more about the WF200 transceivers, visit www.mouser.com/silicon-labs-wf200-transceivers.

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 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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– 30 –

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