

New Product Announcement

Add Bluetooth with the Cypress CY5671 PRoC BLE Module Now at Mouser Electronics

June 1, 2015 – [Mouser Electronics](http://www.mouser.com), Inc. is now shipping the [CY5671 PRoC™ BLE Module](#) from [Cypress Semiconductor Corp.](#) This complete Bluetooth® Low Energy (BLE) module enables designers to add BLE connectivity to any embedded system. The [low power](#) requirement and small footprint of the CY5671 make it ideal for [medical](#), home entertainment, and [computing](#) applications.

The [Cypress CY5671 PRoC BLE Module](#), available from Mouser Electronics, features a PRoC BLE device, an easy-to-use, ARM® Cortex®-M0 based, single-chip solution that integrates BLE and Cypress's [CapSense®](#) technology for touch-sensing. Also on board are a 12-bit analog-to-digital converter (ADC); four 16-bit timer/counter/PWM (TCPWM) blocks; and two serial communication blocks, configurable as I2C, SPI, or UART. The module contains two crystals for the antenna matching network, a PCB antenna and other passives, while providing access to all GPIOs of the device.

The CY5671 module is qualified for Bluetooth 4.1 specifications and can be used standalone with an external programmer like the [CY8CKIT-002 MiniProg3](#); or plug it into the [CY8CKIT-042-BLE Bluetooth Low Energy Pioneer Kit](#) and design projects with the Cypress PSoC Creator™ IDE. When used with the CY8CKIT BLE Pioneer Baseboard, the CY5671 module has regulatory approval (for developmental purposes only) for the 2.4 GHz unlicensed frequency range in certain regions, including the United States, Canada, and EU.

To learn more, visit <http://www.mouser.com/new/Cypress-Semiconductor/cypress-cy5671-module/>.

With its broad product line and unsurpassed customer service, Mouser caters to design engineers and buyers by delivering What's Next in advanced technologies. Mouser offers customers 20 global support locations and stocks the world's widest selection of the latest semiconductors and electronic components for the newest design projects. Mouser Electronics' website is updated daily and searches more than 10 million products to locate over 4 million orderable part numbers available for easy online purchase. Mouser.com also houses an industry-first interactive catalog, data sheets, supplier-specific reference designs, application notes, technical design information, and engineering tools.

About Mouser Electronics

Mouser Electronics, a subsidiary of TTI, Inc., is part of Warren Buffett's Berkshire Hathaway family of companies. Mouser is an award-winning, authorized semiconductor and electronic component distributor, focused on the rapid introduction of new products and technologies to electronic design engineers and buyers. Mouser.com features more than 4 million products online from more than 500 manufacturers. Mouser publishes multiple catalogs per year providing designers with up-to-date data on the components now available for the next generation of electronic devices. Mouser ships globally to over 500,000 customers in 170 countries from its 492,000 sq. ft. state-of-the-art facility south of Dallas, Texas. For more information, visit <http://www.mouser.com>.

About Cypress Semiconductor

Cypress delivers high-performance, mixed-signal, programmable solutions that provide customers with rapid time-to-market and exceptional system value. Cypress offerings include the flagship PSoC® programmable system-on-chip families and derivatives such as PowerPSoC® solutions for high-voltage and LED lighting applications, CapSense® touch sensing and TrueTouch solutions for touchscreens. Cypress is the world leader in USB controllers, including the high-performance West Bridge® solution that enhances connectivity and performance in multimedia handsets. Cypress is also a leader in high-performance memories and programmable timing devices.

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