

New Product Announcement

Now at Mouser: Cypress PSoC 6 BLE Prototyping Kit, Delivering Bluetooth LE Connectivity to IoT Applications

January 8, 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 the [PSoC 6 BLE Prototyping Kit](#) from [Cypress Semiconductor](http://www.cypress.com). Offering easy access to up to 36 general-purpose inputs and outputs (GPIOs), the low-cost, breadboard-compatible kit offers a turnkey solution that adds *Bluetooth*® Low Energy (LE) 5.0 connectivity to [Internet of Things](#) (IoT) applications, including smart home products, wearables, white goods, and [industrial](#) IoT devices.

The [Cypress PSoC 6 BLE Prototyping Kit](#), available from Mouser Electronics, includes a fully certified CYBLE-416045-02 EZ-BLE™ Creator module based on a [low-power](#), high-performance PSoC 63 microcontroller. The CYBLE-416045-02 module features 1 Mbyte of application flash, along with 32 Kbytes EEPROM area, and 32 Kbytes of secure flash plus a royalty-free Bluetooth LE stack compatible with Bluetooth 5.0.

The PSoC 6 BLE Prototyping Kit provides easy access to 36 GPIOs and to the programmable digital and analog peripherals offered with the module. The kit also includes current-measuring jumpers, a push button, and two LEDs. The PSoC 6 BLE Prototyping Kit features a KitProg2 onboard programmer and debugger with a perforated snap-away design, allowing engineers to use the module independently from the target board. The board also includes a MikroElektronika mikroBUS interface for use with [MikroElektronika Click boards](#), which allow expanded functionality without additional hardware configuration.

To learn more, visit www.mouser.com/cypress-psoc-6-ble-proto-board.

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

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About Cypress Semiconductor

Cypress is the leader in advanced embedded system solutions for the world's most innovative automotive, industrial, smart home appliances, consumer electronics and medical products. Cypress' microcontrollers, analog ICs, wireless and USB-based connectivity solutions and reliable, high-performance memories help engineers design differentiated products and get them to market first. Cypress is committed to providing customers with the best support and development resources on the planet enabling them to disrupt markets by creating new product categories in record time.

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