

New Product Announcement

Cypress CY5670 CySmart Bluetooth USB Developer Dongle Now at Mouser

May 5, 2015 – [Mouser Electronics](http://www.mouser.com), Inc. the global authorized distributor with the newest semiconductors and electronic components, is now stocking the [CY5670 CySmart™ Bluetooth USB Dongle](#) from [Cypress Semiconductor Corp.](http://www.cypress.com) The CySmart Dongle is a Bluetooth® Low Energy (LE) USB-based development tool that emulates a Bluetooth Generic Access Profile central device and supports Bluetooth LE application development and debugging. The CY5670 supports Bluetooth 4.1 and can connect to any Bluetooth 4.0 or 4.1 compliant device.

The [Cypress CY5670 CySmart Bluetooth USB Dongle](#), available from Mouser Electronics, is used for developing and debugging Bluetooth LE applications. The CY5670 is based on the [Cypress PSoC® 5LP](#) programmable system-on-chip, which uses an ARM® Cortex-M3 core. This Bluetooth dongle is accessed and configured with the free Cypress CySmart Windows software which provides detailed information about the Bluetooth connection. With CySmart Windows loaded on a compatible PC, developers can monitor all Bluetooth communications and status, including a list and addresses of discovered devices, a formatted display of all discovered peripheral device communications including length of data and flags, a display of all responses received from scanned Bluetooth devices in the area, and a list of already discovered Bluetooth devices. Once a device is detected and connected to the CySmart dongle, the device name and all details and attributes are available.

The CySmart Windows interface also provides support for sending commands to the dongle to modify parameters and operation. An editor interface allows sending L2CAP channel data while monitoring detailed communications information listed in raw hexadecimal.

The CySmart USB dongle hardware provides a reset button and also a user-programmable button. A power LED and status LED provide additional information. An on-board 10-pin connector is used for updating the PSoC 5LP firmware.

To learn more, visit: <http://www.mouser.com/new/Cypress-Semiconductor/cypress-cy5670-dongle/>.

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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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Further information, contact:
Kevin Hess, Mouser Electronics
Vice President Technical Marketing
(817) 804-3833
Kevin.Hess@mouser.com

For press inquiries, contact:
Kelly DeGarmo, Mouser Electronics
Corporate Communications Manager
(817) 804-7764
Kelly.DeGarmo@mouser.com