



New Product Announcement

Use USB Faster with the Cypress EZ-USB FX3 USB 3.0 SuperSpeed Explorer Kit Available from Mouser

February 17, 2015 – [Mouser Electronics](#), Inc. is now stocking the [EZ-USB® FX3™ USB 3.0 SuperSpeed Explorer Kit](#) from [Cypress Semiconductor](#). This Explorer Kit includes all the hardware, software, and documentation necessary to enable developers to evaluate the [Cypress EZ-USB® FX3™](#), an ARM-based USB 3.0 peripheral controller. USB 3.0 offers the SuperSpeed signaling rate of 5 Gigabits per second, ten times greater than the USB 2.0 high-speed signaling rate of 480 megabits per second.

The [Cypress EZ-USB FX3 SuperSpeed Explorer Kit](#), available from Mouser Electronics, allows developers to add [USB 3.0 SuperSpeed](#) connectivity to any design. The development board provides convenient access to all FX3 IC interfaces. Two 40-pin headers allow the FX3 to connect to external boards using the Cypress's 2nd generation General Programming Interface (GPIF-II). These headers use long pins that can also be used as test points. The board can connect to external devices such as FPGAs, CPLDs, image sensors, or microcontrollers. The FX3 Software Development Kit (SDK) includes example code to help learn how to program and evaluate the FX3. The SuperSpeed Explorer kit easily interfaces to [Altera FPGAs](#) as well as image sensor peripheral boards.

The USB 3.0 SuperSpeed Explorer Kit development board provides two USB connectors. The USB 3.0 Type-B connector brings out the FX3 USB signals. This connector can accept either a USB 3.0 or USB 2.0 connector. A USB 2.0 Micro-B receptacle interfaces to an onboard [Cypress CY7C65215 USB-Serial Dual Channel UART/I2C/SPI Bridge](#), which is configured as the board's integrated debugger operating at the USB 2.0 Full-Speed rate. This chip provides a bridge between the FX3 debug interface and a PC's USB port, enabling serial terminal message debugging as well as JTAG debugging.

The kit also includes the Cypress EZ USB Suite, ARM GCC toolchain, FX3 firmware library, and example projects. Also included is the Cypress USB Suite and sample Microsoft Visual Studio applications. A USB 3.0 cable is included.

To learn more, visit: <http://www.mouser.com/new/Cypress-Semiconductor/cypress-cyusb3kit/> .

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 400,000 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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