

New Product Announcement

Mouser Now Stocking the Latest USB-PD Source Controllers and USB 3.1 10Gbps Linear Redriver from Texas Instruments

August 25, 2016 – [Mouser Electronics](http://www.mouser.com), Inc. is now stocking two new USB solutions from [Texas Instruments](http://www.ti.com) (TI): the [TPS25740/TPS25740A](http://www.ti.com) USB source controllers and the [TUSB1002](http://www.ti.com) USB 3.1 10Gbps linear redriver. The TPS25740/TPS25740A and TUSB1002 meet many worldwide industry standards, help improve connectivity of peripherals by quickly and easily transferring data, and are ideally-suited for a wide variety of personal and consumer electronics, [automotive](#) and [industrial](#) USB designs.

[TI's TPS25740/TPS25740A](#) USB source controllers, available from Mouser Electronics, are USB Power Delivery (PD) devices that implement a source that is compliant to [USB](#) Power Delivery 2.0 version 1.2 and Type-C revision 1.2. The TPS25740/TPS25740A controllers enable up to three different voltages using USB-PD, and are pin-selectable both in voltage and peak power settings. Integrated into each controller is also an impressive set of protection features for [high voltage](#) and safety. Target applications for these devices include data-less USB-PD adaptors, dedicated [charging](#) ports, and power banks. The TPS25740/TPS25740A source controllers are supported by [evaluation modules](#), which are also available from Mouser.

TI's [TUSB1002](#) is the industry's first dual-channel USB 3.1 Gen 2 redriver and signal conditioner. Delivering reliable communication in a broad array of electronic applications, these [ultra-low-power](#) architecture devices help reduce idle power consumption through the use of USB 3.1 low-power modes, and feature a linear equalizer with 14 settings that compensate for signal path losses. Supporting both USB 3.1 Gen 1 (5 Gbps) and Gen 2 (10 Gbps), the TUSB1002 provides design flexibility with its dual-lane implementation and small package size, and offers best-in-class equalization performance to help system designs pass standard USB compliance. The TUSB1002 linear redriver is also supported by an [evaluation module](#), available from Mouser. The TUSB1002 device is ideal for notebook and desktop [computers](#), TVs, tablets, active cable, cell phones, and docking stations.

To learn more about the Texas Instruments TPS25740/TPS25740A, visit <http://www.mouser.com/new/Texas-Instruments/ti-tps25740-controller/>. To learn more about the TUSB1002 USB solutions, visit <http://www.mouser.com/new/Texas-Instruments/ti-tusb1002-redriver/>.

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 22 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 600 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 750,000 sq. ft. state-of-the-art facility south of Dallas, Texas. For more information, visit www.mouser.com.

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