

New Product Announcement

IDT's WP3W-RK Wireless Power Kit, Now at Mouser, Offers Easy-to-Use High-Efficiency Solution

August 18, 2016 – [Mouser Electronics](http://www.mouser.com), Inc. is now stocking the [WP3W-RK](#) wireless power reference kit from [Integrated Device Technology](http://www.idt.com), Inc. (IDT®). The new IDT Qi-based transmitter and receiver reference kit helps make integrating wireless charging into compact electronics easy and affordable, targeting designs requiring 3 W or less, such as smartwatches, [headphones](#), [health](#) and [fitness](#) trackers and portable medical devices. Building on the success of IDT's [5 W reference kits](#), the comprehensive WP3W-RK kit enables immediate prototyping, letting engineers incorporate wireless charging capabilities into their ultra-compact designs in a matter of hours.

[IDT's WP3W-RK](#) wireless power reference kit, available from Mouser Electronics, is a high-efficiency, turnkey reference design that can help ease design-in efforts and enable fast prototyping. Suited for applications ranging from 0.5 – 3 W, the reference kit is comprised of both a [P9235A-R](#) transmitter and a [P9027LP-R](#) receiver, with three different coil size options supporting various applications, form factors and power levels. Delivering peak 80 percent system efficiency at 3 W, the kit offers seamless integration with the drop-in reference layout provided and an optimized thermal design.

The kit's associated layout module allows for direct instantiation on to a system board, while an optimized and fully tested bill-of-materials (BOM) takes the guesswork out of component selection. In addition, an extensive digital library of layout guides, schematics, Gerber files, and more eliminates traditional design and support barriers regardless of application volume.

For more information on wireless charging, visit Mouser's Wireless Charging Technology site: <http://www.mouser.com/applications/wireless-charging>.

To learn more about the WP3W-RK wireless power reference kit, visit <http://www.mouser.com/new/idt/idt-wp3w-rk-kit>.

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.

About IDT (Integrated Device Technology)

Integrated Device Technology, Inc. develops system-level solutions that optimize its customers' applications. IDT's market-leading products in RF, timing, wireless power transfer, serial switching, interfaces, automotive ASICs, battery management ICs, sensor signal conditioner ICs and environmental sensors are among the company's broad array of complete mixed-signal solutions for the communications, computing, consumer, automotive and industrial segments.

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