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For Immediate Release

Mouser Electronics Partners with Renesas to Reach Global IoT Marketplaces

Expands Availability of Renesas Synergy™ Platform Featuring Software, MCUs, and Dev Tools for IoT

March 14, 2017 – [Mouser Electronics](http://www.mouser.com), Inc., the New Product Introduction (NPI) leader that empowers innovation, today announced a new global distribution partnership with [Renesas Electronics Corporation](http://www.renesas.com), a leading supplier of advanced semiconductor solutions. Launching the relationship at Embedded World, Mouser and Renesas will focus availability on the latest software, development kits, and microcontrollers (MCUs) that comprise the groundbreaking Renesas Synergy™ Platform. The Synergy Platform is designed to remove obstacles for design engineers and speed time to market for [Internet of Things](http://www.iot.com) (IoT), [industrial](http://www.industrial.com), and real-time operating system-based applications.

The [Synergy Platform](http://www.renesas.com) provides developers with immediate access to a complete embedded platform, starting with an application programming interface (API) to leverage a full software framework that is built around the best-in-class Express Logic X-Ware™. This software framework, the Synergy Software Package (SSP), relieves developers from creating and maintaining low-level software repeatedly for each of their embedded projects. The platform also integrates a wide range of scalable ARM® Cortex®-M based MCUs fully accessible through the software APIs, powerful features of the industry-leading development toolchain IAR Embedded Workbench with intuitive configuration assistance, and hardware kits for development and solutions. Since everything has been pre-integrated, tested, and maintained by Renesas, developers can save months of work and extensive investment, freeing them to focus on innovation and differentiation of their end-products.

The Synergy MCU family at Mouser includes four different series of software-, architecture-, and pin-compatible devices. The series are tiered, starting at the high-performance [S7 Series](http://www.renesas.com) with devices operating at 240 MHz, followed by the high-integration [S5 Series](http://www.renesas.com) operating at 120 MHz, the high-efficiency [S3 Series](http://www.renesas.com) at 48 MHz, and the ultra-low-power [S1 Series](http://www.renesas.com) at 32 MHz. These devices implement easy connectivity, rock-solid security, and dependable safety, and facilitate the creation of easy-to-use human-machine interfaces (HMI).

Mouser offers a selection of intuitive [Synergy Kits](http://www.mouser.com) based on S7G2 Group MCUs to simplify embedded software development. The DK-S7G2 development kit provides full access to all MCU pins and features for deeper evaluation and development. The [SK-S7G2 Starter Kit](http://www.mouser.com) provides a low-cost entry point into the entire Synergy Platform with a touch-enabled color QVGA TFT display. Finally, the [PE-HMI1 Product Example](http://www.mouser.com) kit provides a connected HMI panel with 7-inch WVGA color display plus high-speed wired and wireless communications to serve as a baseline for end-product development.

To learn more about Renesas and the Synergy Platform, visit <http://www.mouser.com/renesas>.

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

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 rapid New Product Introductions from its manufacturing partners for electronic design engineers and buyers. The global distributor's website, Mouser.com, is available in multiple languages and currencies and features more than 4 million products from over 600 manufacturers. Mouser offers 22 support locations around the world to provide best-in-class customer service and 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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