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For Immediate Release

Mouser Electronics Launches New Timing Technology Site

June 13, 2016 – Mouser Electronics, Inc. today launched its new Timing Technology site, designed to give engineers easy-to-access information on the latest technical advances in timers, counters, and clocks. As part of Mouser's growing selection of Applications & Technologies sites, the Timing Technology site provides a wealth of resource material — including articles and videos on timing and clock system design — as well as the newest frequency synthesizers, multiplexers, clock generators, and related components available at Mouser.

The new Timing Technology site, available on Mouser.com, contains helpful information for engineers who are interested in expanding their knowledge about timing technologies. The Technology section is segmented into five categories:

- *Overview* provides a general explanation of timing technology and its applications.
- *Oscillators* looks at the construction and purpose of oscillators and provides links to different types of clock, programmable, and crystal oscillators.
- *Clock Generators* dives deeper into timing solutions that can reduce cost (including lower system component costs), enable smaller PCBs, and lower design-labor costs with a faster time-to-market.
- *Application Specific* details environments where engineers might incorporate a specialized timing solution instead of a general-purpose clock.
- *Clock System Design* discusses additional requirements and considerations when developing a system with multiple reference frequencies, including reducing skew and jitter.

The Featured Products section focuses on key products available from Mouser that engineers can incorporate into efficient timing designs. Products include the Texas Instruments LMX2592 wideband frequency synthesizer, Silicon Labs Si5380 12-output JESD204B clock generator, and the IDT 8V19N40x FemtoClock NG jitter attenuators and clock synthesizers.

The Articles section provides information on MEMS oscillators; a look at oscillators, clocks, buffers, and redrivers; and an introduction to building clock trees. All articles offer an area to post comments and questions to facilitate further discussions on the topic.

Finally, the Technical Resources section lists videos, application notes, and white papers that discuss device selection and system considerations when designing clock and timing systems. Subjects discussed include clock design, crystal oscillators, and the JESD204B serial interface.

To learn more, visit http://www.mouser.com/applications/timing-technology/.

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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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