Silicon Labs and Digi-Key Partner to Deliver the Only High-Performance Programmable Oscillators with 24-Hour Lead Times

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AUSTIN, Texas & THIEF RIVER FALLS, Minn., Jul 19, 2010 (BUSINESS WIRE) -- Silicon Laboratories Inc. (NASDAQ: SLAB) and electronic components distributor Digi-Key Corporation today announced the industry's first high-performance programmable oscillators (XOs) available with 24-hour lead times. Silicon Labs' Si500 and Si590 low jitter oscillators support frequencies up to 525MHz with either single ended or differential output formats while eliminating the long lead times typical of traditional oscillators.

Silicon Labs' Si590/591 crystal oscillators provide low jitter clock generation and support any frequency from 10 to 525MHz, any format (CMOS, LVDS, LVPECL, CML), and any supply voltage (1.8, 2.5, or 3.3V), with guaranteed low jitter of 1 ps rms (max). The Si590/591 devices also offer +/-50ppm stability across all operating conditions, including the -40C to +85C industrial temperature range and with 15 years of aging. Digi-Key's on-site digital programming simplifies procurement of standard and custom frequencies, eliminating non-recurring expense (NRE) charges and minimum order quantities typically required for custom-frequency XOs. This results in lower development and initial production costs.

Silicon Labs' Si500 provides a low cost alternative to quartz based oscillators, by using an ultra-low phase noise all-silicon oscillator to generate any output frequency from 0.9 to 200MHz. The Si500 is the first programmable silicon oscillator in the industry to support differential clock outputs (LVPECL, LVDS, HCSL) in addition to CMOS format, providing customers added design flexibility and improved signal integrity. The devices can be programmed on-site by Digi-Key and therefore can be customized and shipped immediately while offering higher performance and reliability.

"Fast, efficient delivery of oscillators has been a wrench in the works of the supply chain for decades," said Mike Petrowski, general manager of timing products at Silicon Labs. "By partnering with Digi-Key to enable 24-hour lead times for high performance programmable devices, we are able to offer customers a path to better system optimization, lower cost and faster time to market."

"Because of Digi-Key's commitment to providing the best service possible and our strong partnership with Silicon Labs, our customers will experience the benefits of 24-hour lead times for the Si500 and Si590/591 products. Digi-Key can program and ship these oscillators within 24 hours of order receipt for delivery within 24-72 hours, depending on the delivery location," said Dave Doherty, Digi-Key's vice president of semiconductor product. "We are pleased to offer this industry-first to the thousands of design engineers who rely on Digi-Key to provide them with the latest and most innovative products for their designs."

Pricing and Availability

To purchase the Si590/Si591 from Digi-Key, please visit: http://dkc1.digikey.com/us/en/ph/SiLabs/Si590.html?WT.z_Tab_Cat=Featured%20Products.

To purchase the Si500 from Digi-Key, please visit: http://dkc1.digikey.com/us/en/ph/SiLabs/Si500.html?WT.z_Tab_Cat=Featured%20Products.

Silicon Labs offers a broad portfolio of highly integrated, high-performance timing solutions for datacom, telecom, wireless, video, consumer, and test and measurement markets. Silicon Labs' extensive timing portfolio and online customer support capabilities dramatically accelerate time to market and streamline the development process. The company offers a Clock Tree Design Service and the ClockBuilder(TM) web utility to enable customers to quickly develop custom, application-specific clock generators that support any combination of user-specified input/output frequencies. The company's custom oscillator utility enables developers to specify a custom oscillator, build a part number and order samples in minutes. Visit www.siliconlabs.com/timing for more information.

About Digi-Key Corporation

As one of the world's fastest growing distributors of electronic components, Digi-Key Corporation has earned its reputation as an industry leader through its total commitment to service and performance. As a full-service provider of both prototype/design and production quantities of electronic components, Digi-Key has been ranked #1 for Overall Performance for 18 consecutive years among North America's more than 200 distributors (EE Times Distribution Study/August 2009). Offering more than 1.7 million products from more than 440 quality name-brand manufacturers, Digi-Key's commitment to inventory is unparalleled. Access to the company's broad product offering is available 24/7 at Digi-Key's top-rated website, www.digikey.com.

Silicon Laboratories Inc.

Silicon Laboratories is an industry leader in the innovation of high-performance, analog-intensive, mixed-signal ICs. Developed by a world-class engineering team with unsurpassed expertise in mixed-signal design, Silicon Labs' diverse portfolio of highly integrated, easy-to-use products offers customers significant advantages in performance, size and power consumption. These patented solutions serve a broad set of markets and applications including consumer, communications, computing, industrial and automotive.

Headquartered in Austin, TX, Silicon Labs is a global enterprise with operations, sales and design activities worldwide. The company is committed to contributing to our customers' success by recruiting the highest quality talent to create industry-changing innovations. For more information about Silicon Labs, please visit www.silabs.com.

Cautionary Language

This press release may contain forward-looking statements based on Silicon Laboratories' current expectations. These forward-looking statements involve risks and uncertainties. A number of important factors could cause actual results to differ materially from those in the forward-looking statements. For a discussion of factors that could impact Silicon Laboratories' financial results and cause actual results to differ materially from those in the forward-looking statements, please refer to Silicon Laboratories' filings with the SEC. Silicon Laboratories disclaims any intention or obligation to update or revise any forward-looking statements, whether as a result of new information, future events or otherwise.

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