Lattice Semiconductor Announces the Industry's Most Affordable I/O Expansion and Bridging Starter Kit

January 20, 2015

News Release
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Programmable kit enables easy and quick evaluation of MachXO3L FPGAs

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• Manufacturers can evaluate Lattice's MachXO3L FPGAs for their applications easily and cost-effectively with MachXO3L Starter Kit.
• Comprehensive starter kit includes pre-loaded reference designs, design tools, USB connector and other components necessary to thoroughly evaluate MachXO3L devices.

HILLSBORO, OR - January 20, 2015 - Lattice Semiconductor Corp. (NASDAQ: LSCC), the leader in low power, small form factor, customizable solutions, today announced the availability of the MachXO3L™ Starter Kit, an easy-to-use platform for evaluating and designing with the company's low cost family of MachXO3L instant-on, non-volatile FPGAs. Product developers can now immediately deploy programmable bridging and I/O expansion with **breakthrough I/O density at the lowest cost per I/O that Lattice offers.**

The MachXO3L family is Lattice's next-generation small form factor FPGA family for essential bridging and I/O expansion functions needed to accommodate the increasing connectivity requirements of mobile-influenced applications in the communications, computing, consumer and industrial markets. The new MachXO3L Starter Kit enables designers to evaluate and demonstrate LED drive, SPI, I2C, CMOS I/O, programming via JTAG or I2C, dual-boot operation using SPI Flash and other capabilities.

The MachXO3L Starter Kit consists of reference designs pre-loaded onto a LCMXO3L-6900C-5BG256C device for demonstration and easy bring-up of the embedded I2C and SPI controllers as well as the oscillator and programmable I/O used for LED drive. The kit also includes a USB connector for power and programming, LEDs, prototyping area and an expansion header landing for SPI, I2C and JTAG supported by 3.3V and 1.2V supply rails. The MachXO3L device featured on the board is supported by Lattice Diamond® development tools, available for download and free licensing at www.latticesemi.com/software.

"The new low cost MachXO3L Starter Kit gives customers a very affordable tool to evaluate most of the MachXO3L device's basic functions – a good way anyone can start evaluating our industry-leading MachXO3L non-volatile FPGAs," said Abul Nuruzzaman, MachXO™ Product Line Manager at Lattice Semiconductor.

Availability
The MachXO3L Starter Kit is available now from Lattice and its distributors. To learn more, please visit www.latticesemi.com/MachXO3LStarterKit. To learn about MachXO3L products visit www.latticesemi.com/MachXO3.

About Lattice Semiconductor
Lattice Semiconductor (NASDAQ: LSCC) is the leader in low power, small form factor, low cost, customizable solutions for a quickly changing connected world. From making smart consumer devices smarter, to enabling intelligent automation in industrial, or connecting anything to everything in communications, electronics manufacturers around the world use Lattice's solutions for fast time to market, product innovation, and competitive differentiation. For more information, visit www.latticesemi.com. You can also follow us via LinkedIn, Twitter, Facebook or RSS.

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