Lattice Releases Next-Generation FPGA Software for Development of Broad Market Low Power Embedded Applications

February 26, 2018

New Lattice Radiant Software Enables Predictable Design Convergence with Unparalleled Ease of Use

- Next-generation FPGA software offers rapid design exploration, ease of use, and timing closure capabilities for broad market low power embedded applications

- New software enhances Lattice soft IP portfolio with IP core support for the iCE40 UltraPlus™ family

- Lattice Radiant™ is available for download from the company's website free of charge; along with documentation and training videost

Click-to-Tweet

PORTLAND, Ore.--(BUSINESS WIRE)--Feb. 26, 2018-- Lattice Semiconductor Corporation (NASDAQ:LSCC), the leading provider of customizable smart connectivity solutions, today announced the release of its new FPGA software, Lattice Radiant™, targeted for the development of broad market low power embedded applications. With its rich feature set and ease-of-use, Lattice Radiant software's support for iCE40 UltraPlus™ FPGAs greatly expands the device's application across broad market segments including mobile, consumer, industrial, and automotive. iCE40 UltraPlus devices are the world's smallest FPGAs with enhanced memory and DSPs to enable always on, distributed processing. The Lattice Radiant software is now available for download, free of charge.

"Lattice is increasingly witnessing customers who are seeking to benefit from the ultra-low power, small form factor, and low cost features of iCE40 UltraPlus FPGAs," said Choon-Hoe Yeoh, senior director, software marketing at Lattice Semiconductor. "Lattice Radiant software provides a range of enhancements for designing with iCE40 UltraPlus FPGAs in order to drive innovative designs in emerging embedded applications."

Lattice Radiant software provides a robust design environment and significantly improves productivity and user experience for designing with iCE40 UltraPlus FPGAs. The IP ecosystem infrastructure enriches IP core support for the iCE40 UltraPlus device family for a broad range of applications including IoT sensor bridging, 8:1 microphone aggregation, and face detection.

Key features of the Lattice Radiant software include:

- Predictable Design Convergence
  - Predictable design convergence with unified design database, design constraint flow and timing analysis.

- Ease-of-use Features
  - Updated GUI provides simple, intuitive and efficient user operations with a modern look and feel.

  - New design constraint editor simplifies both logical and physical design constraint editing.

  - New warning messaging console and message filtering functions.

  - Physical to logical design implementation cross-probing.

- IP Security and Ecosystem
  - Industry standard IEEE 1735 encryption support for IP protection.

To learn more about Lattice's Radiant software, please visit: www.latticesemi.com/Products/DesignSoftwareAndIP/FPGAandLDS/Radiant

Lattice at the Embedded World Conference 2018 – Nuremberg, Germany

Lattice will be showcasing its new Lattice Radiant software, along with iCE40 UltraPlus device demos, in hall 4, booth #4-278 at the Nuremberg Messe from Tuesday, February 27, 2018 - Thursday, March 1, 2018. For press and customers interested in scheduling a meeting at the show, please contact:

- U.S. press meetings: Racepoint Global at Lattice@racepointglobal.com

- European press meetings: BWW Communications at Nick.Foot@bwwcomms.com

- Customer meetings: Lattice sales team at ceuropesales@latticesemi.com

About Lattice Semiconductor

Lattice Semiconductor (NASDAQ: LSCC) is a leader in smart connectivity solutions at the network edge, where the "things" of IoT live. Our low power FPGA, 60 GHz millimeter wave, video ASSP and IP products deliver edge intelligence, edge connectivity, and control solutions to the consumer, communications, industrial, compute, and automotive markets. Our unwavering commitment to our global customers enables them to accelerate their innovation, creating an ever better and more connected world.

For more information about Lattice please visit www.latticesemi.com. You can also follow us via [LinkedIn](#), [Twitter](#), [Facebook](#), [YouTube](#), [WeChat](#), [Weibo](#) or [Youku](#).

Lattice Semiconductor Corporation, Lattice Semiconductor (& design), Lattice Radiant, iCE40 UltraPlus, and specific product designations are either registered trademarks or trademarks of Lattice Semiconductor Corporation or its subsidiaries in the United States and/or other countries.

GENERAL NOTICE: Other product names used in this publication are for identification purposes only and may be trademarks of their respective holders.

View source version on businesswire.com: http://www.businesswire.com/news/home/20180226005039/en/

Source: Lattice Semiconductor Corporation

MEDIA CONTACTS:
Lattice Semiconductor
Doug Hunter, 503-268-8512
Doug.Hunter@latticesemi.com
or
Racepoint Global
Deanna Meservey, 617-624-3415
Lattice@racepointglobal.com
INVESTOR CONTACT:
Global IR Partners
David Pasquale, 914-337-8801
lscc@globalirpartners.com