Lattice Diamond 3.11 Software Adds Support for New MachXO3D FPGA

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Also Optimizes Design Flow with Enhanced Timing Driven Synthesis

HILLSBORO, Ore.--(BUSINESS WIRE)--Jun. 5, 2019-- Lattice Semiconductor Corporation (NASDAQ: LSCC), the low power programmable leader, today announced version 3.11 of its Lattice Diamond® design software, a complete GUI-based FPGA design and verification environment that offers leading-edge design and implementation tools optimized for low-power Lattice FPGAs. With improved design flows and enhanced features, including support for Lattice's newly-released MachXO3D™ FPGAs, Diamond 3.11 allows developers to complete designs faster and with greater ease of use.

Diamond 3.11 now supports MachXO3D devices, which are designed to enhance hardware security with Root-of-Trust (RoT) capability and simplify implementation of comprehensive, flexible and robust hardware security throughout the entire product lifecycle. Unsecure hardware is vulnerable to data and design theft, hijacking, data corruption, and counterfeiting. MachXO3D addresses the growing need for security solutions as these vulnerabilities expose OEMs to financial and reputational risks.

Lattice Diamond software also includes the popular Synplify Pro logic synthesis solution to help manage large FPGA-based designs. In Diamond 3.11, this synthesis tool delivers improved optimization for developers who input their desired maximum frequency (Fmax) as a design constraint, enabling significant performance improvements.

For Linux users, Lattice Diamond 3.11 now also supports RedHat Linux version 6.9 and 7. The software is now available for download from the Lattice Website.

About Lattice Semiconductor

Lattice Semiconductor (NASDAQ: LSCC) is the low power programmable leader. We solve customer problems across the network, from the Edge to the Cloud, in the growing communications, computing, industrial, automotive and consumer markets. Our technology, long-standing relationships, and commitment to world-class support lets our customers quickly and easily unleash their innovation to create a smart, secure and 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.

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