



Lattice's Flexible Charging Controller Supports Qualcomm Quick Charge

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Joint Solution Provides Fast Time to Market

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- Lattice's flexible LIF-UC family supports the Qualcomm Quick Charge standard.
- Joint solution is optimized for flexibility in supporting multiple charging profiles, so that one charger can power today and tomorrow's mobile devices.

PORTLAND, Ore.--(BUSINESS WIRE)--Jan. 6, 2016-- [Lattice Semiconductor Corporation](#) (NASDAQ:LSCC), the leading provider of customizable smart connectivity solutions, today announced that the company's flexible charging controller family, the LIF-UC™ family, supports the Qualcomm® Quick Charge™ standard. Quick Charge 2.0 and 3.0 technologies are products of Qualcomm Technologies, Inc., a subsidiary of Qualcomm Incorporated. Faster charging is becoming increasingly important as more powerful devices are released to the market. To support this, Qualcomm Technologies' Power Management ICs (PMICs) have optimized charging architectures within mobile devices by taking advantage of the Quick Charge technologies.

Lattice delivers ICs for power adapters to ensure proper communication with the PMIC used in mobile devices. The LIF-UC device family offers flexible programming to enable customers to differentiate and future proof their designs. By updating firmware for Lattice solutions, engineers can quickly move from different generations of charging specifications, including Quick Charge, Battery Charging and Power Delivery, over standards such as USB Type-C.

"As a result of our relationship with Qualcomm Technologies, we can bring customers a complete, end-to-end solution that leads to a quicker time to market," said C.H. Chee, senior director of consumer marketing at Lattice Semiconductor. "This joint solution is optimized for flexibility in supporting multiple charging profiles, so that one charger can power today and tomorrow's mobile devices."

Lattice's programmable charging controller is fully compliant with the USB Power Delivery v2.0 specification and when combined with [Qualcomm Technologies' Quick Charge](#) technology, it provides a flexible solution that reduces the time required to recharge batteries in mobile devices. Today there are Quick Charge 2.0 enabled smartphones, tablets, and wall adapters available from different manufacturers around the world. Quick Charge 3.0 is designed to charge devices up to four times faster than conventional technologies.

About Lattice Semiconductor

Lattice Semiconductor (NASDAQ:LSCC) is the global leader in smart connectivity solutions, providing market leading intellectual property and low-power, small form-factor devices that enable more than 8,000 global customers to quickly deliver innovative and differentiated cost and power efficient products. The Company's broad end-market exposure extends from consumer electronics to industrial equipment, communications infrastructure and licensing.

Lattice was founded in 1983 and is headquartered in Portland, Oregon. In March 2015, the Company acquired Silicon Image, which is a leader in setting industry standards including the highly successful HDMI®, DVI™, MHL® and WirelessHD® standards.

For more information, visit www.latticesemi.com. You can also follow us via [LinkedIn](#), [Twitter](#), [Facebook](#), or [RSS](#).

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MEDIA CONTACTS:

Lattice Semiconductor
Sherrie Gutierrez, 408-616-4017
sherrie.gutierrez@latticesemi.com

or

Voce Communications
Bob Nelson, 408-738-7889
LatticeTeam@vocecomm.com

or

INVESTOR CONTACT:

Global IR Partners
David Pasquale, 914-337-8801
lscc@globalirpartners.com