



Lattice Releases Two New Innovative superMHL/HDMI 2.0 Solutions for Tomorrow's Living Room

October 6, 2015

[Click-to-Tweet](#)

- The new Sil9398 receiver and Sil9630 transmitter can deliver 8K 60fps with 12-bit color utilizing multi-lane superMHL technology. They also support the HDMI 2.0 specification at full 18Gbps.
- Both support HDCP 2.2, a critical requirement for the secure delivery of premium content.

PORTLAND, Ore.--(BUSINESS WIRE)--Oct. 6, 2015-- Lattice Semiconductor Corporation (NASDAQ: LSCC), the leading provider of customizable smart connectivity solutions, today announced an expansion of the company's video line supporting the superMHL™ and HDMI® specifications for tomorrow's living room. The new Sil9398 receiver and Sil9630 transmitter can deliver 8K 60fps with 12-bit color utilizing multi-lane superMHL technology. They also support the HDMI 2.0 specification at full 18Gbps. Both chips offer key features such as High Dynamic Range (HDR) and an expanded color gamut to deliver true-to-life picture quality from set-top boxes (STBs), game consoles, and media players to TVs and monitors over a single, reversible cable.

This Smart News Release features multimedia. View the full release here: <http://www.businesswire.com/news/home/20151006006771/en/>

Sil9398 – 2:1 Dual Mode Video Receiver

Sil9398 is a dual mode video receiver. One receiver port can support superMHL or HDMI 2.0 signals, while the second port supports HDMI 2.0 signals.

Sil9630 – Dual Mode Video Transmitter

The Sil9630 is a dual mode superMHL/HDMI video transmitter that supports 8K 60fps when used with the Sil9398. It will also work with previously announced superMHL receivers, including the [Sil9396](#) and [Sil9779](#).

Lattice is one of the world's leading providers of advanced connectivity solutions. As a Founder of both HDMI and MHL® standards, and through the company's extensive experience with compliance and interoperability testing, Lattice is uniquely positioned to offer field-proven solutions that can be rapidly and reliably integrated into home theater products.

"8K solutions will deliver an amazing audio visual experience to consumers," said Marshall Goldberg, senior product marketing manager at Lattice Semiconductor. "Our customers demand products that deliver the highest resolution and dynamic range along with the widest color gamut to create next-generation home theater systems that go beyond 4K."

Evaluation kits for the [Sil9630](#) and [Sil9398](#) will be available in Q4 2015.

Key superMHL features supported:

- New reversible superMHL connector
- 12-bit 8K 60fps video
- Expanded color gamut (BT.2020)
- High Dynamic Range (HDR)
- Dolby Atmos®, DTS:X™, 3D audio, and other object audio formats
- Up to 40W power delivery

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](#).

Lattice Semiconductor Corporation, Lattice Semiconductor (& design), L (& design), DVI, HDMI, MHL, superMHL WirelessHD, 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/20151006006771/en/>

Source: Lattice Semiconductor Corporation

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