



Lattice Semiconductor and Sensor to Image Demonstrate New FPGA-Based USB3 Vision Camera Reference Design at VISION 2014

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NEWS RELEASE

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Complete and Production-Ready Reference Design Enables Manufacturers to Accelerate Development of USB3 Vision Cameras

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- Manufacturers can get machine vision solutions to market quickly with new USB3 Vision reference design
- Manufacturers can develop high-quality machine vision cameras with excellent price points
- Reference design combines LatticeECP3™ USB3 Audio/Video Bridging Solution with Sensor to Image's USB3 Vision IP and tools

HILLSBORO, OR - October 29 2014 - Lattice Semiconductor Corporation (NASDAQ: LSCC), the leader in ultra-low power, small form factor, customizable solutions, today announced that Lattice and Sensor to Image GmbH will demonstrate a new FPGA-based USB3 Vision camera reference design at VISION 2014 in Stuttgart, Germany, November 4-6.

At Sensor to Image's booth (A-43 in Hall 1), visitors can see demonstrations of the new USB3 Vision camera solution and learn how to use it to immediately begin developing cameras for machine vision applications. This comprehensive reference design utilizes the LatticeECP3™ FPGA-based USB3 Audio/Video Bridging development kit and Sensor to Image's USB3 Vision IP and tool chain.

"USB3 Vision will be the primary camera standard for very cost-efficient industrial and medical cameras so it's important to have our core ready for Lattice FPGAs," said Werner Feith, CEO, Sensor to Image. "By combining our core IP and PC tools – which comply with the AIA and GenICam standards – with the LatticeECP3 USB3 Audio/Video Bridging Solution, we can minimize risk and project time for manufacturers' USB3 Vision camera designs."

"The USB3 Vision camera reference design provides manufacturers with everything they need to immediately start developing high-quality machine vision cameras at excellent price points," said Kambiz Khalilian, Marketing Director, Industrial and Automotive Solutions, Lattice Semiconductor.

About Sensor to Image

For nearly 25 years, Sensor to Image has planned, designed, manufactured and maintained FPGA-based OEM camera and image processing systems for specialized applications. The company has been ISO900x certified for 15 years and is based near Munich, Germany with direct sales and support to more than 100 IP customers worldwide. For more information visit www.sensor-to-image.de

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 industrial automation, 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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