



FOR IMMEDIATE RELEASE

Luxtera Welcomes Advisory Board Member with Vast High Performance Computing Market Experience

Sun Microsystems' Distinguished Engineer brings customer-level expertise

Carlsbad, Calif. – December 5, 2006 – Luxtera, Inc., the world's leading silicon photonics company, today announced the addition of Ashok Krishnamoorthy to its Advisory Board. Dr. Krishnamoorthy brings with him a wide-range of experience, and will be a great asset as Luxtera continues to further its leadership position in silicon photonics. Specifically, Dr. Krishnamoorthy's experience in high performance computing interconnect will aid in Luxtera's current development of products in the high performance computing market.

Krishnamoorthy is a Distinguished Engineer and Director for SUN Microsystems. Previously, he was President at AraLight where he was responsible for leading product design and development for the company's optical interconnect product. Prior to that, he was with Lucent New Ventures as Entrepreneur in Residence. He was also a member of the Advanced Photonics Research Department of Bell Labs where he investigated methods of integrating optical devices into silicon VLSI circuits.

"I am very pleased to welcome Ashok to our advisory board, and look forward to working with him on pursuing high performance computer applications for Luxtera's technology," said Alex Dickinson, co-founder, president and CEO of Luxtera. "Ashok is an expert in this area, and has been a great advocate for the need to migrate computer interconnect to optics. His extraordinary record in this industry could not be a better match for Luxtera."

"I am excited to be a part of this innovative company because of its extraordinary achievements in silicon photonics," said Ashok Krishnamoorthy. "Sun Microsystems has a long history of engagements with Luxtera as we see tremendous opportunities for its CMOS Photonics technology in a broad array of computing systems. Luxtera's technology is a number of years ahead of the competition and I feel privileged to be able to work with such a well qualified team."

Luxtera's breakthrough technology integrates high-performance photonics and mainstream electronics on a single production CMOS die, which along with an integrated laser brings fiber connectivity directly to the chip. Additional digital logic can be integrated into the same chip along with optical devices, further reducing overall solution size, power consumption and cost. One of the key target markets for Luxtera's transceiver products is high performance computing optical interconnect. The company is currently sampling devices, and will launch a commercial transceiver product line based on this underlying technology in 2007 – years ahead of the competition. Future applications will extend to chip-to-chip and intra-chip optical connectivity.

About Luxtera Inc.

Luxtera, Inc. is focused on fulfilling the insatiable demand for bandwidth by uniting the benefits of optical communication technology with the low-cost, high-volume advantages of CMOS fabrication. Luxtera was founded in 2001 by a team of industry-renown researchers and technology managers drawn from the communication and semiconductors industries. Luxtera is funded by leading venture capitalists and has partnerships with a number of the leading computer and communications companies. Luxtera is headquartered in Carlsbad, Calif. More information on Luxtera can be found on the company's web site: www.luxtera.com.

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