



UNITY SEMICONDUCTOR SOLVES CROSS-POINT MEMORY DESIGN PUZZLE

SUNNYVALE, Calif., October 25, 2011 -- Unity Semiconductor, a memory technology company developing CMOx™, an innovative solution for non-volatile solid state memory to replace NAND, announced today that Unity's Director of Design, Bruce Bateman, will present a technical paper at the IEEE Asian Solid State Circuits Conference (A-SSCC) in Jeju, Korea, on Wednesday, November 16, 2011.

Mr. Bateman's paper titled "Low Power Cross-point Architecture" will detail Unity's breakthrough Memory Tile circuit design, which finally solves the fundamental power management, cell selection and sensing problems that have long plagued cross-point memory designers, and have stalled the introduction of 3D resistance change memories.

"Unity's new Memory Tile circuit design, combined with our novel CMOx™ memory cell and vertical cross-point architecture, are major steps towards the commercialization of Terabit (Tb) non-volatile memories", said Unity's President and CEO, David Eggleston. "Unity has crafted the comprehensive set of design, process and device solutions required by manufacturers for implementation of our technology in leading-edge semiconductor memory fabs."

About Unity Semiconductor Corp.

Unity Semiconductor Corp., a memory technology company, is developing an innovative solution for non-volatile solid state memory to replace NAND in the \$20 billion and growing market for flash memory in electronic devices. With nine years of development history, Unity's memory technology, CMOx™, is designed to scale beyond the limitations of legacy transistor technology currently used in NAND flash memory. Devices using CMOx™ cell technology will have higher density, faster performance, lower manufacturing costs and greater data reliability. Unity provides its technology and production know-how to memory semiconductor companies as part of a broad licensing program. Unity has been granted more than 130 US patents to date, which span device, process, design and system application inventions. Unity is a private company backed by leading venture capitalists as well as corporate investors Seagate (**Nasdaq: STX**) and Micron (**Nasdaq: MU**), and is headquartered in Sunnyvale, California.

CMOx™ is a trademark of Unity Semiconductor Corp.

For further information please visit www.unitysemi.com.

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