



UNITY SEMICONDUCTOR TO UNVEIL NEW ARCHITECTURE FOR TERABIT MEMORIES

SUNNYVALE, Calif., October 4, 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 co-founder and Chief Operating Officer, Christophe Chevallier, will present an invited paper at the Nikkei Electronics CEATEC Silicon Storage Symposium in Tokyo, Japan, on Friday, October 7, 2011.

Mr. Chevallier's paper titled "CMOx™, 3D Cross-point, and Terabit Memories" will introduce Unity's revolutionary memory cell designed into an ultra-dense vertical cross-point architecture (VXPA), that enables the coming Terabit (Tb) generation of 3D resistance change memories.

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.

For further information please visit www.unitysemi.com.

CONTACT:

Unity Semiconductor
Bruce LeBoss
bleboss@unitysemi.com
(650) 941-5146