



MOSAID Technologies Incorporated

For Immediate Release

MOSAID to Unveil Enhanced Flash Architecture for Solid State Drives at Flash Memory Summit 2008

HLNAND Offers Critical Mix of High Performance, Low Power, Flexibility

OTTAWA, Ontario – July 29, 2008 – MOSAID Technologies Inc. (TSX:MSD) today announced that it is displaying its enhanced HyperLink NAND (HLNAND™) Flash architecture, demonstrating a new emulation platform, and presenting two technical papers at the Flash Memory Summit, August 12-14, 2008 in Santa Clara, California. Visit MOSAID at booth 102.

“Industry experts agree that Solid State Drive (SSD) is the next big Flash application. But laptops with first-generation SSDs are being returned to vendors at very high rates because they are not delivering the promised performance boost,” said Jin-Ki Kim, Vice President, Research and Development, MOSAID. “What’s missing – and what’s required – is a new memory hierarchy for enhanced user experience.”

MOSAID’s HLNAND™ Flash is a new architecture and interface for high-performance Flash memory. This unique memory interface dramatically improves the performance of mass storage applications, including SSDs. HLNAND™ delivers sustained input/output (I/O) bandwidths ten times higher than conventional Flash memory.

HLNAND™ utilizes MOSAID’s HyperLink interface to achieve high performance while maintaining low cost. HyperLink is a serial point-to-point ring topology that achieves higher per pin bandwidth and accommodates more devices on a single channel than heavily loaded parallel bus architectures. “As a result, systems employing HLNAND™ achieve higher performance, lower power, and reduced controller pin count compared to legacy NAND interfaces,” said Kim.

An HLNAND™ hardware emulation platform for system development and benchmarking will be demonstrated at the Flash Memory Summit. MOSAID is also presenting two technical papers, titled: “HLNAND™ – A New Standard for High Performance Flash Memory,” and “Accelerating SSD Performance with HLNAND™.”

MOSAID licenses HLNAND™ technology to semiconductor and system vendors. Current development partners include INDILINX and PHISON.

Visit www.hlnand.com for datasheets and other information on MOSAID’s enhanced HLNAND™ architecture and interface.

About MOSAID

MOSAID Technologies Inc. is one of the world’s leading intellectual property companies. MOSAID develops semiconductor memory technology and licenses patented intellectual property in the areas of semiconductors, and wired and wireless communications systems. MOSAID counts many

of the world's largest technology companies among its licensees. Founded in 1975, MOSAID is based in Ottawa, Ontario. For more information, visit www.mosaid.com.

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