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MosChip and IdealBT Partnership to Offer Complete Network Attached Storage (NAS) Network Appliance Processor and System Software Solution

MosChip's SoC Processors Combined with IdealBT's System Software Based on Embedded Linux Offers Embedded Designers a Complete Customizable NAS Solution That Expedites Designs and Time to Market

SANTA CLARA, Calif. – June 29, 2009 – MosChip Semiconductor Technology Ltd., a leading provider of high performance connectivity solutions for consumer, industrial and computing applications, today announced it has entered into a technology partnership with IdealBT Technology Corporation to bring to market a complete system solution for network attached storage (NAS) applications. MosChip's System-on-a-Chip (SoC) devices cover a myriad of NAS design requirements while IdealBT's embedded Linux-based software has been designed into numerous functional, versatile, high-performance, and reliable NAS solutions.

MosChip's family of SoC network appliance processors (NAP) [for NAS](#) includes the MCS8140, MCS8142 and MCS8144. They are based on an enhanced ARM9™ processor designed to deliver best in class performance with complete system solutions, including evaluation systems, support for Linux and Win CE operating systems, firmware and application level software to enable quick time to revenue. The offering enables immediate production, reduces design time and design investments while effectively controlling bill-of-materials costs. The devices are highly integrated NAPs with Gigabit Ethernet, PCIe, USB, DDR-II memory interface and other key features supported.

With advanced CPU performance, support for compute intensive applications without compromising system performance is made possible. PCIe can be supported in single or dual mode for scalable performance. The devices can also provide a point-to-point link to each device on the system bus, low latency, and Quality of Service (QoS) to enable guaranteed bandwidth. Additional external WLAN and storage options are also supported through the USB and PCIe interfaces. Gigabit Ethernet support comes with hardware acceleration enabling TCP/IP/UDP. Segmentation off-load and IP Checksum off-load allows higher performance at optimal CPU load.

Combined with [IdealBT's system software](#) based on embedded Linux, system designers will find MosChip's devices ideal as a processor to enable system processing, networking connectivity, to support additional devices through USB, and to support display-based devices. IdealBT's system software provides basic NAS functions, advanced services and tools. Basic functionalities include LAN and system support; user and folder management; and multi-language support. Services supported include: FTP, [Samba](#) support; BT; UPnP AV; iTunes®, backups; and printer functions. Tools offered will include: restart, HDD formatting; firmware upgrades; configuration saves; factory default settings; login settings; email sending; and a system log. There is also the ability for UI and functions customizations, mass production tools and NAS discovery tools. MosChip and IdealBT's combined solutions are aimed at supporting MosChip's MCS8142 and MCS8144 devices.

"Our embedded Linux platforms are ideal for a wide range of NAS solutions and provide advanced system software capabilities to expedite time to market," commented William Chiu, CEO for IdealBT Technology Corp. "Our partnership with MosChip will help embedded NAS designers in their efforts to reduce design time and costs while still bringing to market the strong NAS solutions demanded by end customers."

"Today's embedded designers are looking for more than just a device that can do NAS functions," added Vamshi Kandalla, VP of Marketing for MosChip Semiconductor. "It is important to also offer the option of providing a complete embedded solution. In this way, time to market and revenue can be expedited. Our partnership with IdealBT is centered on this theme for a variety of Linux-based high performance NAS solutions."

Availability

Complete solutions using the combination of MosChip's family of NAS network appliance processors and IdealBT's system software solutions are available immediately worldwide. Interested parties can learn more about MosChip's

(more)

MCS8142 / MCS8144 devices at: <http://www.moschip.com/nap.php> and can also learn more about IdealBT's software solutions at: <http://www.idealbt.com/products.html>.

About MosChip Semiconductor Technology Ltd.

MosChip Semiconductor Technology Limited, a fabless semiconductor company, was founded in 1999 with headquarters and a design center in Hyderabad, India. The operations, sales and marketing activities are conducted via its wholly owned subsidiary, MosChip Semiconductor Technology, USA. The company has several products that include USB, PCI and PCIe connectivity; network appliance processors and co-processors; and audio-video content processors. For more information about MosChip, please visit www.moschip.com.

About IdealBT Technology Corporation

Founded in 2007, IdealBT is an experienced software partner developing network applications over the embedded Linux platform. The company provides reliable software solutions according to customers' requirements, and helps them produce innovative Internet appliance products in a short period of time. With a strong and experienced development team, IdealBT has developed functional, versatile, high-performance, and reliable NAS solutions on various hardware platforms. For more information visit <http://idealbt.com>.

SAFE HARBOR: This release comprises certain forward-looking statements that involve risks and uncertainties. Our actual results could differ materially from those mentioned in such forward-looking statements. The risks and uncertainties including but not limited to, those risks and uncertainties, viz, our ability to compete in highly competitive semiconductor industry, ability to define, develop and sell new products, dependency on subcontractors for the supply and quality of silicon wafers, dependency on international markets considering the cyclical nature of the semiconductor industry and our ability to attract and retain technical manpower. MosChip may from time to time make additional forward looking statements in any manner and does not undertake to update any of these forward looking statements that may be made from time to time by or on behalf of the company.

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