

For Immediate Release

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Mouser Electronics Expands ON Semiconductor Product Portfolio ***Expansion Includes Power Management Products and Discrete Devices.***

Mansfield, Texas, USA – July 18, 2007 – Mouser Electronics, Inc., known for its rapid introduction of the newest products, today announced the expansion of its portfolio of ON Semiconductor products. The expanded linecard focuses on the manufacturer's newest power management, circuit protection, analog, logic, and discrete semiconductor products. ON Semiconductor is a global leader in power semiconductor solutions for the most critical power challenges.

According to Mike Scott, Mouser's Vice President of Active Products, the addition of ON Semiconductor's products is in keeping with the distributor's business model of offering the newest, most innovative products and the latest technologies, thus delivering a time-to-market advantage to the engineering community.

"Adding the high caliber of the newest products from ON Semiconductor is just what our design engineering customers expect from Mouser," Scott said, "and further enhances the quality of innovative products we stock."

The NLAS3799B is an ultra-low R_{ON} dual DPDT and a 0.5 Ω R_{ON} analog switch designed for low operating voltage, high current speaker/microphone switching for cell phone applications. The device can switch a balanced stereo output and handle a balanced microphone/speaker/ring-tone generator in a monophone mode.

The NCS2220A is an industry-first sub-one volt, low-power dual comparator that consumes only 7.5 μ A per comparator of supply current. Guaranteed to operate at a low voltage of 0.85V allows this device to be used in systems that require less than 1.0V; fully operational up to 6.0V makes it convenient for both 3.0V and 5.0V systems. The comparator features no output phase inversion with overdriven inputs, rail-to-rail input and output performance, as well as internal hysteresis for clean output switching.

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One of the new, industry-leading discrete semiconductors added is the NSSxxx Series of Bipolar Junction Transistors (BJTs). Delivering maximized power efficiency and longer battery life than traditional BJTs or planar MOSFETs, these surface mount devices are designed for use in low-voltage switching applications where energy is vital. Offering a high electrostatic discharge (ESD) tolerance of greater than 8,000V, these low Vce(sat) BJTs are self-protecting against unexpected power surges.

Mouser Electronics, the fastest growing catalog distributor in the electronics industry, is the only major distributor to publish a new 1,850+ page print catalog every 90 days. In addition, its website is updated daily, contains more than 845,000 products for easy online purchase, and provides over 1.5 million cross-references, as well as more than 677,000 downloadable data sheets.

Mouser is well-known for its outstanding customer service, streamlined pick-and-ship warehouse processes, along with excellent technical support and no-minimum orders – all of which allow same-day shipping on most orders received by 8 pm Central Standard Time.

For a complete list and more information of Mouser's portfolio of ON Semiconductor products, visit mouser.com/onsemiconductor.

About Mouser

Mouser Electronics, Inc. is an electronic component distributor, focused on the rapid introduction of new products and technologies to electronic design engineers. Mouser.com features over 845,000 products online from more than 330 manufacturers. Mouser's 1,850+ page catalog is published every 90 days, providing designers with up-to-date data on the components now available for the next generation of electronic devices. Mouser ships globally to over 280,000 customers in 170 countries from its 432,000 sq. ft. state-of-the-art facility in Mansfield, Texas. For more information, visit www.mouser.com.

About ON Semiconductor

With its global logistics network and strong portfolio of power semiconductor devices, ON Semiconductor (Nasdaq: ONNN) is a preferred supplier of power solutions to engineers, purchasing professionals, distributors and contract manufacturers in the power supply, computer, consumer, portable/wireless, automotive and industrial markets. For more information, please visit ON Semiconductor's website at www.onsemi.com

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