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For Immediate Release

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Mouser Electronics Offers ON Semiconductor's ESD Protection Device Featuring the Industry's Lowest Clamping Voltage

Single-line ESD Protection Device for High-Speed Data Lines in Portable Applications

Mansfield, Texas, USA –December 12, 2007 – [Mouser Electronics, Inc.](http://www.mouser.com), known for its rapid introduction of the newest products, today announced it is stocking the [ESD9L](#) ESD protection device from [ON Semiconductor](#) (Nasdaq: ONNN), a global leader in power management and circuit protection semiconductor solutions.

The ESD9L offers 0.5pF capacitance, industry-leading low-clamping voltage, and is available in the industry's smallest package for ESD protection. These features make the device ideal for safeguarding high speed data lines in portable applications such as cell phones, MP3 players, PDAs, and digital cameras.

ON Semiconductor's integrated ESD protection technology platform uses proprietary design techniques to enhance clamping performance and preserve low leakage performance of traditional silicon TVS diode technology. The ESD9L clamps an input ESD waveform of 15kV per the IEC61000-4-2 standard, to less than 7V. This leads the industry in clamping voltage performance and ensures protection for the most sensitive integrated circuits.

According to Mike Scott, Mouser's Vice President of Active Products, the addition of ON Semiconductor's ESD9L 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.

"As our customers' continue to design smaller and more complex end products, being able to protect them from various damaging environmental factors is critical. Offering same-day shipment of leading edge circuit protection products such as the ESD9L from On Semiconductor allows our engineering customer to have immediate access to the newest protection technologies for their newest designs," said Mike Scott, Mouser's Vice President of Active Products.

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Mouser/ON Semiconductor ESD Device

The Newest Products For The Newest Designs

Mouser's broad-based product line, unsurpassed customer service, and streamlined warehouse operations make the distributor the design engineer's one-stop shop for all the components and associated development tools necessary for total project design.

Mouser Electronics is the only major distributor to publish a new 1,900+ page print catalog every 90 days. In addition, its website with interactive online catalog is updated daily, contains more than 900,000 products for easy online purchase, provides over 1.5 million cross-references, as well as more than 677,000 downloadable data sheets, supplier-specific reference designs, application notes, and other technical design information.

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 900,000 products online from more than 335 manufacturers. Mouser's 1,900+ 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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