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For Immediate Release

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Mouser Electronics Now Stocking New Moonstone™ Half-Watt White LEDs from Avago Technologies

High-Brightness LEDs Feature Low-Profile Design, Low Thermal Resistance, and Electrically Neutral Heat Sink for Easy Installation

Mansfield, Texas, USA –August 25, 2008 – [Mouser Electronics, Inc.](http://www.mouser.com), known for its rapid introduction of the newest products, today announced it is now stocking the new half-watt cool white and warm white light emitting diodes (LEDs) from [Avago Technologies](http://www.avago.com), one of the largest producers of visible LEDs in the world and a leading supplier of analog interface components for communications, industrial, and consumer applications. The [ASMT-Mx60](#) LEDs are the newest addition to Avago's Moonstone™ power LED series.

"One of Mouser's core competencies is in working with our suppliers to ensure we have available inventory of their newest products for our engineering customers' immediate design needs," said Mike Scott, Mouser's Vice President of Active Products. Avago's new ASMT-Mx60 Half-Watt LEDs with an exposed heat sink pad allow engineers to simplify their solid-state lighting designs."

Available in one of the industry's thinnest packages, the LEDs provide solid-state lighting application designers with a robust and reliable package that provides high brightness illumination and easy installation. The high-performance, energy-efficient devices are capable of delivering an industry-best lumens-to-watt (lm/W) efficiency for half-watt power LEDs with 30lm (typical) and up to 43lm cool white light output at 150mA.

The ASMT-Mx60 LEDs are the industry's first half-watt power LEDs capable of withstanding a high maximum allowable junction temperature (up to 145°C). With an exposed pad design, the LEDs feature a wide 110° viewing angle, smooth radiation pattern, and excellent heat transfer from the package to the motherboard, enabling the LEDs to be driven at a current of 150mA.

The LEDs also feature a robust Electrostatic Discharge (ESD) resistance of 16kV (HBM) and provide designers with an electrically neutral heat sink pad feature option, enabling easier thermal management and handling of LED arrays on a common substrate. The ASMT-Mx60 devices are ideal

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The Newest Products For The Newest Designs

for use in applications requiring ultra-high brightness LEDs, such as sign backlighting, retail displays, commercial lighting, and accent marker lights, as well as specialty lighting applications including task and reading lights.

Known for its broad-based product line, unsurpassed customer service, and streamlined warehouse operations, Mouser continuously offers customers the most innovative products and latest technologies for their new design projects.

Mouser Electronics is the only major distributor to publish a new 2,100+ page print catalog every 90 days. In addition, its website with interactive online catalog is updated daily, contains more than a million products for easy online purchase, provides over 1.5 million cross-references, as well as more than 900,000 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 more than a million products online from more than 366 manufacturers. Mouser's 2,100+ 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.

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