

For Immediate Release

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Mouser Electronics Now Stocking Avago Technologies' Miniature Signal Conditioning IC for Optical Sensors

Enhances Performance of Sensors Used for Proximity or Object Detection

Mansfield, Texas, USA –April 22, 2008 – [Mouser Electronics, Inc.](http://www.mouser.com), known for its rapid introduction of the newest products, today announced it is now stocking the [APDS-9700](#) miniature single-chip signal conditioning IC from [Avago Technologies](#), a leading supplier of analog interface components for communications, industrial, and consumer applications.

The APDS-9700 enhances the performance and robustness of optical sensors used for proximity or object detection in consumer and industrial applications. When used with optical proximity sensors, the IC provides accurate and robust detection of objects in ambient light and sunlight conditions and will allow design engineers to package more functionality into those applications where printed circuit board space is limited. As a result, the APDS-9700 will provide designers with a total solution that offers ease of implementation and cost savings.

Packaged in an eight-pin QFN package measuring 0.55mm x 2mm x 2mm, the IC combines the functionality of signal conditioning for proximity sensing into a single chip to reduce the number of required components. The APDS-9700 includes an LED driver circuit, artificial light immunity, sunlight cancellation, and a built-in LED stuck high protection circuit to enable operation in artificial or sunlight conditions.

The signal conditioning IC is ideal for use in devices including PDAs, mobile phones, handheld games, and laptop computers, as well as vending machines, industrial automation equipment, contactless switches, and sanitary automation devices.

"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 APDS-9700 signal conditioning IC gives engineers a solution to problems associated with optical sensing applications in varying ambient light environments."

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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 970,000 products for easy online purchase, provides over 1.5 million cross-references, as well as more than 831,000 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 970,000 products online from more than 335 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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