

For Immediate Release

EDITORIAL/READER CONTACT:

Ellie Rovai

Marketing Communications Manager

Mouser Electronics, Inc.

(817) 804-3857 Direct

(817) 804-3803 Fax

ellie.rovai@mouser.com

Mouser Electronics Now Stocking World's Smallest Detection Switches from Omron Electronic Components

D3SH Series of Ultra-Small, Low Profile SMD Detection Switches Measure 3.0 x 3.4 x 0.9mm and Weigh 0.02g

Mansfield, Texas, USA – September 20, 2007 – [Mouser Electronics, Inc.](http://www.mouser.com), known for its rapid introduction of the newest products, today announced it is stocking the world's smallest detection switches from [Omron Electronic Components](http://www.omron.com), a leading supplier of advanced electronic components.

The D3SH series of ultra-small, low-profile SMD switches are the world's smallest are the world's smallest SMD detection switches, measuring 3.0 x 3.4 x 0.9mm and weighing 0.02g. The switches are utilized in presence/absence applications to detect location with an on-off signal. A unique mechanism enables high contact reliability and precision operation.

"Both the design engineering community and our suppliers rely on Mouser to supply the newest products available to the marketplace," according to Barry McConnell, Mouser Vice President of Product Marketing, "and by stocking new products like these from Omron, Mouser is able to fulfill its commitment to both suppliers and design engineers alike."

The [D3SH](#) is available in SPST-NO or SPST-NC contact configuration with a rating of 1mA @ 5VDC. These versatile switches are available in right or left operation direction, with standard levers (1.6mm travel) or long levers (2.1mm travel), and can be shipped with or without a locating boss. The switches exhibit high shock and vibration resistance while operating in a temperature range of -25°C to +85°C in 60% humidity without icing or condensation.

The series of switches is fully RoHS compliant and has a minimum life expectancy of 100,000 operations. Applications include mobile phone cover position, digital camera lens and viewfinder position, portable audio devices, gaming machines, and computer peripherals.

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Mouser Electronics is the only major distributor to publish a new 1,900+ page print catalog every 90 days. In addition, its website and interactive online catalog is updated daily, contains more than 870,000 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, applications 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 870,000 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 Omron Electronic Components

Omron Electronic Components is a leading manufacturer and provider of advanced electronic components. Extensive product groups include relays, switches, connectors, MEMS flow sensors, pressure sensors, and optical components. Omron Electronic Components is the Americas subsidiary of Omron Corporation, a \$5.5 billion global leading supplier of electronics and control system components and services. Their broad product offering can be found in applications for the communications, transportation, medical, HVAC, appliance, industrial automation, consumer electronics, and test & measurement markets around the world. Omron Electronic Components has an extensive sales network consisting of regional sales engineers, inside sales representatives, technical sales assistants, customer service staff, and an authorized Distributor network.

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