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**For Immediate Release**

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## **ZiLOG ZMOTION Detection Module and Kit**

**Mansfield, Texas, USA — December 16, 2010** - Mouser Electronics, Inc., known for its rapid introduction of the newest products, today announced it is stocking new product from ZiLOG.

The ZiLOG ZMOTION™ Detection Module is a complete and fully functional motion detection solution ideal for lighting control and other occupancy proximity detection applications. The ZiLOG ZMOTION Detection Module is a board level module that combines the unique features of the ZiLOG Z8FS040 Motion Detection Microcontroller with a Pyrotechnic Sensor and a low profile Fresnel lens. The surface mount pyroelectric sensor and Fresnel lens combine to provide the lowest possible profile without sacrificing performance. This ZiLOG module is only 25.5mm x 16.7mm (a little over 1/2 a square inch) so it can easily fit into many size constrained applications. The ZMOTION Detection Module can operate in a simple Hardware mode that provides an output signal when motion is detected or in an advanced asynchronous serial mode when greater control over the motion detection performance is required. In both modes the sensitivity and delay time can be controlled to match the application requirements. The ZMOTION Detection Module Development Kit allows you to easily evaluate and develop designs based on the ZMOTION module. To learn more, visit <http://www.mouser.com/zilog>.

With its broad product line and unsurpassed customer service, Mouser offers customers the latest, most technologically advanced components for their newest design projects. Mouser Electronics' website is updated daily and searches over 6.7 million products to locate over 1.8 million orderable part numbers available for easy online purchase. Mouser.com also houses an industry-first interactive catalog, data sheets, supplier-specific reference designs, application notes, technical design information, and engineering tools.

### **About Mouser**

Mouser Electronics, Inc. is an electronic component distributor, focused on the rapid introduction of the newest products and technologies to electronic design engineers. Mouser.com features more than a million products online from more than 400 manufacturers. Mouser publishes multiple catalogs per year 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 492,000 sq. ft. state-of-the-art facility in Mansfield, Texas. For more information, visit [www.mouser.com](http://www.mouser.com).

### **About ZiLOG**

ZiLOG builds semiconductor products that enable design engineers to break through the barriers to creativity and innovation in embedded design. ZiLOG invented the award-winning Z80 and Z8 microcontroller (MCU) architectures that have been embedded in over a billion end-use devices worldwide. ZiLOG products and design tools support secure transactions, universal remote control, and embedded flash markets and are used in a variety of applications including consumer appliances, remote controls, vending machines, telecommunications controllers, home automation systems, and more. For more information, visit <http://www.zilog.com>.

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