

## For Immediate Release

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# Mouser Electronics Exclusively Stocking Energy Harvesting™ Modules

Industry-First Energy Harvesting Modules from Advanced Linear Devices

**Mansfield, Texas, USA – June 14, 2007 –** Mouser Electronics, Inc., known for its rapid new product introduction, today announced it is exclusively stocking Advanced Linear Devices' innovative energy harvesting modules. These devices are designed to capture, accumulate, and store power; making it available for sensors, remote networks, micro machines, and other applications. They are the first of their kind to harness energy from widely available waste energy sources such as vibrations, chemical reactions, fluid flow, environmental heat, and others.

"We're pleased to offer ALD's innovative energy harvesting modules to our engineering customers for their new design projects," said Mike Scott, Mouser Vice President of Active Products. "These industry-first modules align with Mouser's focus of providing our customers the newest products and latest technologies."

ALD energy harvesting modules deliver zero-power operation allowing almost all power generated by the energy harvesting sources to go to the application. These devices have precision, ultra-low or zero power threshold voltages which allow them to be turned on or off with very little or no power and minimize charge loss. These characteristics make them ideal for circuits linking energy harvesting materials to low-power applications.

The management and preservation of energy starting at 0.0V is vital for these modules, because they must tolerate a variety of input voltages and a range of voltage changes generated by the energy harvesting sources.

Since energy harvesting materials tend to capture power whenever the waste energy source is available, these modules are built to capture and maintain the charge with maximum efficiency, for as long as possible, to supply power to the application when it is most needed.

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#### **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 845,000 products online from more than 330 manufacturers. Mouser's 1,850+ page print 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 <a href="https://www.mouser.com">www.mouser.com</a>.

### **About Advanced Linear Devices**

Advanced Linear Devices, Inc. (ALD) is a design innovation leader in analog semiconductors specializing in the development and manufacture of precision CMOS linear integrated circuits, including analog switches, A/D converters and chipsets, voltage comparators, operational amplifiers, analog timers, and conventional and EPAD MOSFET transistors. Most standard functions are also available as ASIC cells for the development of customized integrated circuits. ALD was founded in 1985 with a commitment to bridge technology gaps by providing analog semiconductor solutions to the challenges facing OEM design engineers in the industrial controls, military, automotive, security, and medical instrumentation markets. ALD is headquartered in Sunnyvale, Calif., with distributors throughout the U.S. and Europe.

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