

## For Immediate Release

### EDITORIAL/READER CONTACT:

#### Kevin Hess

Director of Marketing  
Mouser Electronics, Inc.  
(817) 804-3833 Direct  
(817) 804-3803 Fax  
[Kevin.hess@mouser.com](mailto:Kevin.hess@mouser.com)

## Mouser Electronics Now Stocking Actel's Icicle™ Kit

### *Battery-Powered Icicle Kit Based on Industry's Lowest Power FPGA*

**Mansfield, Texas, USA –March 24, 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 [Icicle™ Kit](#) from [Actel®](#), the leading supplier of low-power FPGAs and programmable system chips. Leveraging Actel's 5-microwatt (5μW) IGLOO® FPGA, the kit showcases the unprecedented low-power advantages, flexible implementation options, and significant battery savings offered by IGLOO FPGAs for portable applications.

"Development tools are critical for our design engineering customers to evaluate the latest new products from Actel," said Mike Scott, Mouser's Vice President of Active Products. "Offering immediate shipment of Actel's new Icicle Kits allows engineers to quickly evaluate and incorporate Actel's low-power IGLOO FPGAs into their newest designs."

The kit allows designers to easily and rapidly program, evaluate, and modify their low-power IGLOO-based portable designs. Powered by a rechargeable lithium-ion battery, the 1.4" x 3.6" Icicle evaluation board consumes less than one-seventh of the power of competitive FPGA development solutions in a design the size of a small cell phone.

The Icicle board is an environmentally-friendly, RoHS-compliant solution that integrates a nonvolatile, flash-based 125,000-gate AGL125 IGLOO FPGA. The board includes the built-in, rechargeable lithium-ion battery, USB-to-UART interfaces, and power management circuits.

In addition to the Icicle evaluation board, the kit includes a sophisticated programming stick for extended programming functionality and a free, unlimited-use license for the Actel Libero Integrated Design Environment (IDE) Gold edition. The software enables designers using the Icicle Kit to take advantage of the advanced power analysis tools available in Actel's Libero IDE to identify key sources of power in their designs. Other kit elements include user's guide and tutorial, printed circuit board (PCB) schematics, layout and sample design.

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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 940,000 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, 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 940,000 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](http://www.mouser.com).

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