

For Immediate Release

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Mouser Electronics Now Stocking Actel® IGLOO™ Starter Kits

Kits Provide Complete Evaluation Solutions for Examining IGLOO™ Devices, the World's Lowest Power FPGAs

Mansfield, Texas, USA – January 17, 2008 – [Mouser Electronics, Inc.](http://www.mouser.com), known for its rapid introduction of the newest products, today announced it is stocking IGLOO™ Starter Kits from [Actel®](http://www.actel.com), a leading supplier of innovative FPGAs and programmable system chip solutions.

“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 IGLOO Starter Kits allows engineers to quickly evaluate and incorporate Actel’s new IGLOO family of FPGAs into their newest designs.”

The [IGLOO Starter Kit](#) is a complete package for quick evaluation of Actel’s IGLOO family and prototype designs. Detailed current-monitoring capabilities of the starter kit allow users to directly measure low current consumption and validate performance when using IGLOO devices. The on-board programmer enables easy experimentation with ISP, device serialization, and FlashLock on-chip security system.

The low-cost, all-inclusive IGLOO Starter Kit contains a development board with an AGL600-FGG256 device, Actel Libero® IDE Gold Edition design and development software, FlashPro3 programmer built into the board, user’s guide with PCB schematics, and a sample design.

IGLOO devices are the lowest power FPGAs in the world and are based on nonvolatile Flash technology used in ProASIC®3/E devices. Low dynamic power consumption, combined with low static power consumption and Flash*Freeze technology, gives IGLOO devices the lowest total system power offered by any FPGA.

The IGLOO board includes Flash*Freeze technology which enables entering and exiting an ultra-low-power mode that consumes as little as 5µW while retaining SRAM and register data.

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Flash*Freeze technology simplifies power management through I/O and clock management, with rapid recovery to operation mode.

The AGL600-FGG256 device in the starter kit is fitted to the center 16x16 pins of the 22x22 array on the board. The kit has full access to all RAM and Flash memory on the board, as well as two of the main 40-pin GPIO interface blocks for interconnection with other boards. In addition, designers can use secure AES-encrypted programming and set the AES decryption key value when using this starter kit. The kit also offers full access to LVDS signals provided for dual-channel LCD control.

Mouser's broad-based product line, unsurpassed customer service, and streamlined warehouse operations make the distributor the design engineer's one-stop shop for all the components and associated development tools necessary for total project design.

Mouser Electronics is the only major distributor to publish a new 1,900+ page print catalog every 90 days. In addition, its website with interactive online catalog is updated daily, contains more than 900,000 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 900,000 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 Actel®

Attacking power consumption from both the chip and the system levels, Actel Corporation's innovative FPGAs and programmable system chip solutions enable power-efficient design. The company is traded on the NASDAQ National Market under the symbol ACTL and is headquartered at 2061 Stierlin Court, Mountain View, Calif., 94043-4655. For more information about Actel, visit <http://www.actel.com>.

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