

## For Immediate Release

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## Mouser Electronics Now Stocking Catalyst Semiconductor's CAT4016 16-Channel LED Driver

### *LED Driver for Large LED Video Displays and Other Indoor/Outdoor Displays*

**Mansfield, Texas, USA – October 31, 2007 –** [Mouser Electronics, Inc.](http://www.mouser.com), known for its rapid introduction of the newest products, today announced it is stocking the CAT4016 16-channel, constant-current sink LED driver from [Catalyst Semiconductor, Inc.](http://www.catalystsemi.com) (NASDAQ:CATS), a leading supplier of analog, mixed-signal, and non-volatile memory semiconductors.

The [CAT4016](#) LED channels can operate with an output voltage as low as 0.4V (for 2mA to 100mA LED current) to enable more power-efficient designs. The maximum LED current is set by an external resistor and a high-speed, four-wire serial interface with up to 25MHz clock frequency controls for each individual channel using a shift register and latch configuration. A serial output data pin allows multiple devices to be cascaded and programmed via one serial interface. The device features a thermal shutdown protection function to disable the LED outputs if the die temperature exceeds a set limit.

"Mouser's engineering customers have come to expect us to rapidly stock and market the newest products from our world-class supplier lineup," said Mike Scott, Mouser's Vice President of Active Products. "Stocking Catalyst's new LED driver allows our customers to integrate the latest technologies into their new product designs."

The LED driver is available in a wide range of package options including 24-lead SOIC, TSSOP, QSOP, and TQFN (4x4mm). The LED driver is designed for billboard, marquee, instrument, and other larger, general-purpose LED displays in both indoor and outdoor applications.

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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 880,000 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 880,000 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](http://www.mouser.com).

### **About Catalyst Semiconductor**

Headquartered in Santa Clara, California, Catalyst Semiconductor designs and markets analog, mixed-signal and non-volatile memory products, including Digitally Programmable Potentiometers (DPP™), white and color LED drivers, DC/DC converters, LDO regulators, voltage supervisors, I/O expanders, parallel EEPROMs, Flash and NVRAM. Many of Catalyst's products incorporate the Company's Quantum Charge Programmable™ technology, to deliver Adaptive Analog™ products, which offer a new level of customer flexibility, lower power and smaller die size. Catalyst products are used in telecommunications, computer, automotive, industrial and consumer markets. Typical applications include LCD displays, automotive lighting, optical networks, printers, modems, wireless LANs, network cards, DIMM modules, cellular telephones, navigation systems, set-top boxes and Internet routers. [www.catsemi.com](http://www.catsemi.com).

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