

New Product Announcement

Mouser Stocks Cree's New Smallest Lighting-Class XLamp® XQ-B & XQ-D LEDs

Cree's Smallest Lighting-Class LEDs Offer Breakthrough Size & Light Distribution

April 25, 2013 – [Mouser Electronics](http://www.mouser.com), Inc. today announced it is stocking the new XLamp® XQ-B and XQ-D LEDs from [Cree](http://www.cree.com), their smallest lighting-class LEDs, offering breakthrough size and light distribution.

Cree XLamp® XQ-B and XQ-D LEDs deliver lighting-class reliability and a wider spread of light than typical plastic packages. Built on Cree's revolutionary SC3 Technology Platform, the XLamp XQ LEDs deliver the unique combination of small size, reliability, and novel light distribution. This combination of features enables the next generation of designs for applications that require broader light distribution, such as omni-directional lamps and fixtures. The XQ LEDs are Cree's smallest lighting-class LEDs at just 1.6 x 1.6mm, 57% smaller than Cree's XLamp XB package. The ceramic-based XQ LEDs deliver reliability comparable to Cree's other ceramic high-power LEDs, such as the high-performing XP or XT LEDs.

The XQ LED also features an innovative light-emission pattern where more light is directed to the sides than straight out of the package. Compared to standard LEDs, XQ LEDs allow the use of fewer LEDs to achieve a wide, distributed light pattern. Together, these innovations enable manufacturers to increase the light output, reliability, and omni-directionality of their designs.

To learn more, visit <http://www.mouser.com/new/cree/cree-xlampXQB/> and <http://www.mouser.com/new/cree/cree-xlampXQD/>.

With its broad product line and unsurpassed customer service, Mouser caters to design engineers and buyers by delivering What's Next in advanced technologies. Mouser offers customers 19 global support locations and stocks the world's widest selection of the latest semiconductors and electronic components for the newest design projects.

Mouser Electronics' website is updated daily and searches more than 10 million products to locate over 3 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 Electronics

Mouser Electronics, a subsidiary of TTI, Inc., is part of Warren Buffett's Berkshire Hathaway family of companies. Mouser is an award-winning, authorized semiconductor and electronic component distributor, focused on the rapid introduction of new products and technologies to electronic design engineers and buyers. Mouser.com features more than 3 million products online from more than 500 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 375,000 customers in 170 countries from its 492,000 sq. ft. state-of-the-art facility south of Dallas, Texas. For more information, visit <http://www.mouser.com>.

About Cree

Cree is a market-leading innovator of lighting-class LEDs, LED lighting, and semiconductor solutions for power applications. Cree's product families include high-brightness LEDs, lighting-class power LEDs, and power-switching devices. Cree's LED solutions are driving improvements worldwide in applications such as backlighting, electronic signs and signals. Cree is also among the world's leading manufacturers of silicon carbide-based diodes for power control and management, providing increased efficiency in a variety of applications from solar inverters to industrial motor drivers to wireless technologies.

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