

## New Product Announcement

### **Littelfuse SP3012-06UTG TVS Diode Array Now Available at Mouser** *Industry-First $\mu$ DFN-14 package enables straight-through routing*

**November 7, 2012** – [Mouser Electronics](http://www.mouser.com), Inc. is now offering [Littelfuse](http://www.littelfuse.com) SP3012-06UTG TVS Diode Array with industry-first, optimized  $\mu$ DFN-14 package enabling straight-through routing to simplify PCB designs, which provides market-leading clamping performance for high-speed data lines.

Market leading clamping performance combined with a very low dynamic resistance of  $0.4\Omega$  allows Littelfuse SP3012-06UTG to provide superior ESD protection for high-speed ports, such as HDMI 1.3/1.4, USB 2.0, USB 3.0, eSATA and Ethernet. The Littelfuse Diode Array is designed to protect sensitive chipsets on high-speed data lines from any external ESD event. Its extremely low load capacitance of  $0.5\text{pF}$  minimizes signal degradation to protect high-speed signal pins.

This robust device is offered in the small form factor  $\mu$ DFN-14 package ( $3.5 \times 1.35 \times 0.5\text{mm}$ ). The industry-first, optimized  $\mu$ DFN-14 package enables straight-through routing to simplify PCB designs saving valuable board space. The robust device far exceeds the highest level of the IEC61000-4-2 standard (Level 4,  $+8\text{kV}$ ). With its market leading clamping performance, very low dynamic resistance, extremely low load capacitance, and small form factor, SP3012-06UTG is ideal for LCD/PDP TVs, DVD/Blu-ray players, desktops, MP3/PMP, set top boxes, smartphones, ultrabook/notebooks, and digital cameras. To learn more about Littelfuse SP3012-06UTG TVS Diode Arrays, visit [http://www.mouser.com/littelfuse/littelfuse\\_SP3012-06UTG](http://www.mouser.com/littelfuse/littelfuse_SP3012-06UTG).

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.

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### **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 450 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 Littelfuse**

Littelfuse offers innovative circuit protection solutions. Wherever you look, Littelfuse is there. Streetlights, office buildings, cars, trucks, factories, computers, heating and cooling systems, electronic games, telecommunications equipment, even the satellites in the sky are protected by Littelfuse circuit protection products. For the past 80 years, Littelfuse has designed, engineered, and invented circuit protection technology. Littelfuse strives to meet the ongoing need for smaller, faster, and safer circuit protection.

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