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**For Immediate Release**

**Littelfuse Silicon Protection Array (SPA™) Sample Kits  
Available Exclusively at Mouser**

**Mansfield, Texas, USA – June 9, 2010 – [Mouser Electronics, Inc.](http://www.mouser.com)**, known for its rapid introduction of the newest products, today announced it is the only distributor to be stocking [Littelfuse](http://www.littelfuse.com) Silicon Protection Array (SPA™) Sample Kits.

Modern chipsets utilize nanometer processing technologies making them extremely susceptible to damage which necessitates the need for external protection. Silicon Protection Arrays™ (SPA) are specifically designed to protect sensitive electronic components from ESD (Electrostatic Discharge), EFT (Electrical Fast Transients), and lightning induced transients. The Littelfuse SPA devices offer the lowest dynamic resistance during an ESD or any EOS (Electrical Over Stress) event which reduces clamping voltage levels far below that of competing technologies such as MLV, MOV, and polymer. The SPA portfolio offers a wide range of devices to suit the majority of applications available in the market today such as: USB 2.0/3.0, HDMI 1.3/1.4, DVI, 10/100/1000Mbps Ethernet, eSATA, 1394a/b, LVDS, audio, analog video, keypads/pushbuttons, and LCD/camera display interfaces. [Learn more.](#)

Mouser is exclusively offering the SPA Sample Kits that include ten samples each of the 39 SPA devices. Additionally, each flexible notebook includes a product selection guide and protection samples of 16 different common applications. Ultimately, the sample kit provides a cost-effective supply of various SPA devices for the convenience of design engineers.

Andy Kerr, Mouser Vice President of Passives & Circuit Protection, says the new SPA devices will solve numerous issues presented by today's ICs that have contact discharge levels down to  $\pm 0.5\text{kV}$ . Kerr says, "The Littelfuse Silicon Protection Arrays are an ideal solution for new ICs facing the threat of ESD damage. In addition, the SPA kits offered by Mouser will provide a cost-effective SPA supply and documentation for many suitable applications."

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***The Newest Products For The Newest Designs***

“The Littelfuse line of Silicon Protection Arrays clearly delivers superior protection for today’s demanding electronic applications.” adds Paul Dickinson, Littelfuse Vice President & General Manager of the Semiconductor Products Business. “We are proud to partner with Mouser to offer devices that will address these challenging circuit protection issues for design engineers.”

Known for its focus on design engineers with its broad product line, unsurpassed customer service, advanced on-line catalog and innovative product marketing, Mouser continuously offers customers the newest products and latest technologies for their new design projects.

Mouser Electronics’ website with interactive online catalog is updated daily and searches over 6.7 million products to locate over a 1.6 million part numbers available for easy online purchase. Plus, it houses downloadable data sheets, supplier-specific reference designs, application notes, technical design information and engineering tools.

#### **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 more than 1.6 million products online from more than 400 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 270,000 customers in 170 countries from its 432,000 sq. ft. state-of-the-art facility in Mansfield, Texas. For more information, visit <http://www.mouser.com>.

#### **About Littelfuse**

Littelfuse is the worldwide leader in circuit protection, offering the industry’s broadest and deepest portfolio of circuit protection products and solutions. Backed by industry-leading technical support, design and manufacturing expertise Littelfuse products are vital components in virtually every product that uses electrical energy, including portable and consumer electronics, automobiles, industrial equipment and telecom/datacom circuits. In addition to its Chicago, Illinois, world headquarters, Littelfuse has over 20 sales, distribution, manufacturing and engineering facilities in the Americas, Europe and Asia. Technologies offered by Littelfuse include Fuses; Gas Discharge Tubes (GDTs); Positive Temperature Coefficient Devices (PTCs); Protection Relays; PulseGuard® ESD Suppressors; SIDACtor® Devices; Silicon Protection Arrays™ (SPAs); Switching Thyristors; TVS Diodes and Varistors. For more information, visit [www.littelfuse.com](http://www.littelfuse.com).

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