



SANMINA-SCI®

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**FOR IMMEDIATE RELEASE**

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**SANMINA-SCI MANUFACTURES WORLD'S FIRST PROTOTYPE PRINTED CIRCUIT BOARD WITH 100 PERCENT EMBEDDED ESD PROTECTION**

*Revolutionary Technology Demonstrated Using a Viking VLP  
DDR2 Memory Module*

**SAN JOSE, Calif. – August 8, 2007** – Sanmina-SCI Corporation (Nasdaq NM: SANM), a leading global electronics manufacturing services (EMS) company and Shocking Technologies, Inc., a developer of voltage switchable dielectric materials, today announced the production of what they believe is the world's first printed circuit board (PCB) with embedded electrostatic discharge (ESD) protection covering 100 percent of the components on the board.

Sanmina-SCI's PCB Division collaborated with its wholly owned subsidiary, Viking InterWorks™, and joint development partner, Shocking Technologies, to manufacture Viking VLP (Very Low Profile) DDR2 memory modules with Sanmina-SCI's patent pending eESD™ embedded electrostatic discharge protection technology. Initial third-party testing indicated marked improvement in ESD resistance of the sensitive memory devices mounted on the PCB. Multiple 6,000 volt discharges were directly injected into the modules without any damage or drop in performance recorded. This represented a 200 percent improvement in the energy protection level provided to the modules. With proper design, combining Xstatic™ with Sanmina-SCI's eESD technology, 15KV Human Body Model level's of protection per 61000-4-2 can be achieved.

“We are excited about this achievement,” said George Dudnikov, Senior Vice President and Chief Technology Officer for Sanmina-SCI’s PCB and Backplane Divisions. “Up to now, we have been performing most of our development and performance evaluations on bare PCB test vehicles that did not have actual components mounted on them. After several months of successful lab tests we felt ready to try the technology on real products. The lab results fell right in line with our expectations and demonstrated the reliability enhancements our technology could deliver.”

“Sanmina-SCI’s eESD technology uses a thin continuous layer of our patented Xstatic voltage switchable dielectric material under a ground plane inside the PCB,” explained Lex Kosowsky, CEO of Shocking Technologies. “The VSD material is programmed to switch from being a pure dielectric insulator to pure electrical conductor, and then dissipate the ESD transient to ground before resetting itself, all in less than a nanosecond. Our research scientists worked with Sanmina-SCI’s R&D group to tailor the material to very specific electrical and thermo-mechanical properties allowing it to survive not only the board fabrication and assembly process, but also qualification reliability testing. It’s gratifying to see the first products of our joint development performing so well in a real-world environment. We believe this technology has the potential to be a cost-effective solution to ESD for most PCB-based products. The global protection it provides clearly increases reliability and could significantly lower total system cost.”

“eESD can be utilized in various types of PCBs, including flex circuits and chip substrates to protect 100 percent of the I/O on the board from ESD damage,” added Dudnikov. “It can significantly improve the reliability of electronics that have higher exposure and sensitivity to ESD, such as Smart Memory cards, cellular phones, PDAs and other handheld devices. IC manufacturers could potentially free up valuable chip space currently consumed by on-chip ESD protection diodes by moving the protective function to the substrate or PCB. We currently have one other memory manufacturer and a major cell phone manufacturer interested in the technology, and we expect to be in a position to start licensing the eESD technology by the end of the year.”

For more information on Sanmina-SCI’s PCB Division, visit the PCB Resource web page at [http://www.sanmina-sci.com/solutions/pcb\\_resource.html](http://www.sanmina-sci.com/solutions/pcb_resource.html) or call +1.408.964.4614.

### **About Sanmina-SCI**

Sanmina-SCI Corporation is a leading electronics contract manufacturer serving the fastest-growing segments of the global Electronics Manufacturing Services (EMS) market. Recognized as a technology leader, Sanmina-SCI provides end-to-end manufacturing solutions, delivering unsurpassed quality and support to OEMs primarily in the communications, defense and aerospace, industrial and medical instrumentation, multimedia and consumer, computing and storage, and automotive technology sectors. Sanmina-SCI has facilities strategically located in key regions throughout the world. More information regarding the company is available at <http://www.sanmina-sci.com>.

### **About Shocking Technologies, Inc.**

Shocking Technologies is a private venture capital backed company located in San Jose, California. Shocking Technologies is focused on development and applications for its voltage switchable dielectric materials. The company has over 30 licensed and pending patents. For more information on Shocking Technologies and its Xstatic™ material, please contact <http://www.shockingtech.com> or call +1.408.964.4631.

### **Sanmina-SCI Safe Harbor Statement**

The foregoing, including the discussion regarding the Company's future prospects, contains certain forward-looking statements that involve risks and uncertainties, including uncertainties associated with economic conditions in the electronics industry, particularly in the principal industry sectors served by the Company, changes in customer requirements and in the volume of sales to principal customers, the ability of Sanmina-SCI to effectively assimilate acquired businesses and achieve the anticipated benefits of its acquisitions, and competition and technological change. The Company's actual results of operations may differ significantly from those contemplated by such forward-looking statements as a result of these and other factors, including factors set forth in the Company's fiscal year 2006 Annual Report on Form 10-K filed on January 3, 2007 and the other reports, including quarterly reports on Form 10-Q and current reports on Form 8-K, that the Company files with the Securities Exchange Commission.

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eESD™ is a registered trademark of Sanmina-SCI Corporation. Viking InterWorks™ is a trademark of Viking InterWorks, Inc., a Sanmina-SCI Company. Xstatic™ is a registered trademark of Shocking Technologies, Inc.