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NATIONAL SEMICONDUCTOR TO DEVELOP SECURITY CO-PROCESSOR TO SUPPORT NEW TRUSTED COMPUTING PLATFORM ALLIANCE STANDARD

Device Will Support the Industry-Wide Effort to Enhance Security & Trust for the Computing Environment

SANTA CLARA, Calif. – August 22, 2000 – National Semiconductor Corporation (NYSE:NSM) today announced that it plans to develop a complete security co-processor for PCs that supports the Trusted Computing Platform Alliance security specification released earlier today by the TCPA. Scheduled to ship in early 2001, the hardware-based solution will be the first of several National initiatives to develop devices with enhanced security functionality in alignment with the TCPA specification. National will demonstrate the technology at the Intel Developer Forum, Fall 2000, in booth 929. The Forum takes place August 22-24 at the San Jose Convention Center in San Jose, Calif.

The security co-processor will consist of a processor, memories, peripherals, cryptographic accelerators and embedded firmware. The device will include cryptographic technology licensed from Wave Systems Corp., with whom National recently signed a full development agreement.

“National is leveraging its expertise in embedded controllers, I/O and analog to develop TCPA-compliant security technologies that provide a more trusted and secure platform for e-commerce transactions,” said Jonathan Levy, director of National’s Advanced I/O business unit. “The TCPA initiative dovetails with National’s continuing efforts to provide its customers with highly

integrated, cost-effective products that meet both current and future industry needs.”

The TCPA is a consortium of more than 120 hardware and software companies whose objective is to develop a new hardware and software specification that will improve trust and security for e-business transactions. A number of security technologies currently exist, but the TCPA has created a base-level security specification that complements these existing technologies, enhancing security at the level of the platform hardware, BIOS and operating system. As a charter member of the TCPA, and the PC industry’s number one supplier of integrated SuperI/O products, National is a strong supporter of the TCPA’s efforts to create a single industry standard for all computing environments.

“TCPA appreciates the commitment National has shown towards developing products that will increase security levels and offer users a more trusted computing environment,” said David Chan, chairman of the TCPA's Technical Committee. “The TCPA is glad to have National as a member, and looks forward to National's continuing participation in creating a security specification based on common standards.”

About National Semiconductor

National Semiconductor provides system-on-a-chip solutions for the information age. Combining real-world analog and state-of-the-art digital technology, the company’s chips lead many sectors of the personal computer, communications, and consumer markets. With headquarters in Santa Clara, California, National reported sales of \$2.1 billion for its last fiscal year and currently has about 10,500 employees worldwide. Additional company and product information is available on the World Wide Web at www.national.com.

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