

**CYPRESS ROLLS OUT USB MICROCONTROLLER  
FOR MOTHERBOARD HUBS**

SAN JOSE, Calif., June 14, 1999 - Cypress Semiconductor Corporation (NYSE: CY) today unveiled the latest addition to its extensive family of USB (Universal Serial Bus) Microcontrollers. The new device, the first in Cypress's upcoming CY7C65XXX line, is specifically targeted at USB hubs integrated into motherboards. It allows PC manufacturers to provide four USB downstream ports as opposed to the current standard of just two. The device thereby permits end users to plug in two additional USB peripherals into the PC without the need for a standalone hub.

Cypress is currently shipping the motherboard hub chip in high volume to a major U.S. motherboard manufacturer.

Cypress is currently the market leader in USB microcontrollers having shipped more than 10 million units, over 50% of all microcontroller shipments. Cypress developed its microcontroller line specifically for USB applications, implementing only features that are useful in this arena. Cypress is therefore able to offer full USB functionality at low cost.

"The demand for USB is increasing tremendously, and PC manufacturers are realizing that two USB ports are not enough to satisfy a significant percent of the user base," said Larry Morrell, director of marketing for Cypress's Computer Products Division. "Our motherboard hub provides an easy-to-implement solution that costs less and uses less board space and design resources than competing products."

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**Product Features**

Cypress's motherboard hub chip offers one of the highest levels of feature integration in the industry, incorporating SRAM, EPROM, and a high-performance RISC processor. It offers up to 8 KB of EPROM and up to 22 general-purpose I/Os, allowing a high level of customization. It also features an I<sup>2</sup>C interface for external communication. The device contains a built-in watchdog timer that requires no external timer circuitry, and offers internal clock multiplication using an inexpensive 6 MHz external crystal oscillator to ensure low EMI. Competing hub chips require more expensive 48 MHz crystals that need external tuning circuitry.

**Price and Availability**

Cypress's new USB motherboard hub microcontroller comes in a 28-pin SOIC package. Volume production of the device is currently underway with pricing of \$2.85 each in 10,000-unit quantities.

Cypress Semiconductor Corporation, headquartered in San Jose, California, provides a broad range of integrated circuits for leading computer, networking, and telecommunications companies worldwide. Cypress's products include static RAM and specialty memories, programmable logic devices (PLDs), data communications products, timing devices, and USB microcontrollers. Its shares are listed on the New York Stock Exchange under the symbol CY, and its web site is <http://www.cypress.com>.

"Safe Harbor" Statement under the Private Securities Litigation Reform Act of 1995: Statements herein that are not historical facts are "forward-looking statements" involving risks and uncertainties. Please refer to Cypress's Securities and Exchange Commission filings for a discussion of such risks.

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