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For Immediate Release

**Cypress Transceiver for High-Speed Communications Backplanes
Expands HOTLink® Portfolio**

***WAN, SAN, LAN and Wireless Systems Benefit From Broad Operating Range,
High Bandwidth, Compact and Simple Board Design, Flexible Data Path Configuration***

SAN JOSE, Calif., May 14, 2001 – Cypress Semiconductor (NYSE: CY) today introduced a new generation of HOTLink® (High-speed Optical Transceiver Link) transceivers for high-speed, communications switch backplane applications. The company's Quad HOTLink II™ device provides high bandwidth and flexibility for such applications as backplanes for storage area network (SAN), wide area network (WAN), wireless infrastructure (WIN), and local area network (LAN) switches.

The CY7B9294V four-channel serial transceiver offers the industry's widest continuous operating range of 0.2 to 1.5 Gbps. This highly-integrated device requires no additional external components, combining a serializer-deserializer (SERDES), logic and memory into a space- and power-saving, single-chip solution that eases board design. Designers have the flexibility of using its four data channels independently or taking advantage of channel bonding to form a wider data path. The device is available in a 256-ball BGA package.

"Cypress has established a leadership position in SERDES technology with its current generation of HOTLink devices," said Christopher Norris, Cypress's data communications division vice president. "Our high-speed SERDES devices for backplane applications will generate significant mindshare for Cypress in the WAN, WIN, SAN and LAN markets."

The HOTLink family consists of a wide range of products that operate from 50 Mbps to 1.5 Gbps. The original HOTLink family, introduced in 1993, consisted of separate transmit and receive devices that operate from 150 Mbps to 400 Mbps. The second-generation HOTLink DX family integrates transmit, receive, FIFO, and ENDEC functionality in a single-chip solution. These devices target low-speed serial communications applications with data transfer rates ranging from 50 to 200 Mbps.

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“The CY7C9294V represents the third generation of Cypress HOTLink products,” said Michael Bollesen, Cypress product line marketing manager, communication products. “Its broad operating range provides the exact frequencies required for backplane and point-to-point applications.”

Price and Availability

The CY7C9294V is sampling now, with production quantities anticipated in the second quarter. It is priced at \$42 in volumes of 1,000.

Photo

A photo of the CY7C9294 is located at www.cypress.com/press/photo/download/ql29294.jpg.

About Cypress

Cypress Semiconductor is “Driving the Communications Revolution”™ by providing high-performance integrated circuit solutions to fast-growing markets, including data communications, telecommunications, computation, consumer products, and industrial control. With a focus on emerging communications applications, Cypress's product portfolios include high-speed data communications ICs; networking-optimized and micropower static RAMs; high-bandwidth multi-port and FIFO memories; high-density programmable logic devices; timing technology solutions; and controllers for Universal Serial Bus (USB).

More than two-thirds of Cypress's sales come from fast-growing communications markets and dynamic companies such as Alcatel, Cisco, Ericsson, Lucent, Motorola, Nortel Networks, and 3Com. Cypress's ability to mix and match its broad portfolio of intellectual property enables targeted, integrated solutions for high-speed systems that feed bandwidth-hungry Internet applications. Cypress aims to become the preferred silicon supplier for Internet switching systems and for every Internet data stream to pass through at least one Cypress IC.

Cypress employs more than 4,700 people worldwide with international headquarters in San Jose, California. Its shares are listed on the New York Stock Exchange under the symbol CY. More information about Cypress is accessible electronically on the company's worldwide Web site at <http://www.cypress.com>.

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HOTLink II and “Driving the Communications Revolution” are trademarks of Cypress Semiconductor. HOTLink is a registered trademark of Cypress Semiconductor.

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