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**For Immediate Release**

**Cypress's In-System Reprogrammable™ Software Adds Support for Delta39K™ CPLDs**

***STAPL Support in ISR™ 3.0 Supports Open Standard for Programmable Logic Programming,  
Speeds Time-to-Market Through Enhanced Tool Flexibility***

SAN JOSE, Calif., February 9, 2001 – Cypress Semiconductor (NYSE: CY) today announced that Release 3.0 of its In-System Reprogrammable™ (ISR™) software is now available on its Web site at <http://www.cypress.com/design/progprods/pld/isr.html>. ISR Release 3.0 puts in place all of the software building blocks needed to fully support Cypress's Delta39K™ family, the world's largest CPLDs. Combined with *Warp*™ Release 6.0, introduced last year, Cypress now offers a full arsenal of tools for the programmable logic user.

In addition to support for Delta39K CPLDs, ISR Release 3.0 adds a new layer of capability by supporting the JEDEC Standard Test and Programming Language (STAPL) for programmable logic. STAPL is based on the Jam programming language. A pioneer supporter of Jam, Cypress Semiconductor provides STAPL support for both the Delta39K and Ultra37000™ families of CPLDs.

STAPL is a vendor- and platform-independent language for programming devices using the IEEE-standard 1149.1 TAP controller, commonly known as JTAG. JTAG allows the specification of both the programming data and programming algorithm in a single file. Once created, the file contains all the information required to program a specific design into a targeted programmable device.

"Cypress has always supported open standards," said Richard Kapusta, senior product marketing manager for Cypress Semiconductor. "We believe in providing the designer the highest level of support without compromising the flexibility of standardized design methods."

Trevor Davis, software product marketing manager, said, "ISR Release 3.0 complements *Warp*, our primary software offering for Delta39K CPLDs. With a full software suite supporting Delta39K silicon, engineers now have a real head-start at fast-track system designs."

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ISR Release 3.0 supports Windows® 95, Windows 98, Windows ME, Windows NT 4.0 Service Pack 5 or later, and Windows 2000.

### **Availability**

As with earlier versions of ISR, Release 3.0 may be downloaded at no charge from the Cypress Web site at <http://www.cypress.com/design/progprods/pld/isr.html>. In addition, ISR 3.0 will ship with all Cypress ISR and *Warp*ISR kits at the end of its beta test period, scheduled for the end of the first quarter of this year.

### **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). Cypress is No. 1 in the USB and clock chip markets.

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 4,100 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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ISR, In-System Reprogrammable, *Warp*, Delta39K, Ultra37000, and “Driving the Communications Revolution” are trademarks of Cypress Semiconductor. Windows is a registered trademark of Microsoft Corporation.