

Cypress's Free RoboConfig™ Software Tool Eases Configuration of RoboClock II™ Timing Devices

Easy-to-use Interface Shortens Time-to-market for Communications Systems

SAN JOSE, Calif., September 29, 2000 - Cypress Semiconductor (NYSE: CY), the worldwide leader in clock chips for high performance communications systems, today announced the availability of RoboConfig™ software, a tool designed to make Cypress's RoboClock II™ devices easier to configure and use. Users can download RoboConfig as an executable file at no cost from the Cypress Web site at <http://www.cypress.com/design/progprods/clock/clocks.html>.

RoboConfig uses the Cypress RoboClock II device (the CY7B993V or CY7B994V) with fREF and feedback bank information to calculate the allowable output frequencies and skews for all five banks. After a user selects desired output frequencies and skews for all five banks, RoboConfig generates a block diagram of the selected configuration and a report on how each pin should be configured to achieve the desired result.

"The RoboClock II family of clock skew products gives designers the flexibility they need to build high-speed communications systems. RoboConfig, with its easy-to-use graphical interface, will help to further shorten the time-to-market of the networking, telecommunications, storage network, cellular base station, and similar systems that use RoboClock II devices," said Mike Bollesen, Cypress's senior product marketing manager for communications products.

About RoboClock II

RoboClock II devices are the industry's most widely used communications synchronization products, with their market-leading combination of high performance and programmable skew. They provide features never before available in a programmable clock skew buffer. User-selectable redundant reference clocks provide fault tolerance. Each reference clock input accommodates differential PECL, differential LVTTTL, or single-ended LVTTTL signals. The hot-swap capability of the reference clock inputs allows users to plug in a new board without powering down their systems. The entire RoboClock® family offers zero propagation delay and a 50-50 duty cycle. Their ability to distribute a spread-spectrum signal using Spread Aware™ allows EMI reduction to be realized throughout the system. In addition, the RoboClock II family allows users to multiply and divide by 1 through 6, 8, 10, and 12. These devices provide a total of 18 outputs.

RoboClock II devices are available in a 100-pin TQFP and a space-saving 100-ball fine-pitch BGA. Cypress tests and guarantees all RoboClock key skew specifications, including pin-to-pin skew, propagation delay, and rise and fall time, to ensure the devices' reliability.

RoboConfig System Requirements

The RoboConfig software tool requires a PC running MS Windows® 95/98, Windows NT or Windows 2000.

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 networking-optimized and micropower static RAMs; high-bandwidth multi-port and FIFO memories; high-density programmable logic devices; timing technology for PCs and other digital systems; 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> or by CD-ROM (call 1-800-858-1810). An electronic investor forum, and other investor information, is located at <http://www.cypress.com/investor/index.html>.

"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.

RoboConfig, RoboClock II, SpreadAware and "Driving the Communications Revolution" are trademarks of Cypress Semiconductor. RoboClock is a registered trademark of Cypress Semiconductor.