



# New CoolRunner-II CPLD Development Kit

An ideal kit for applying CPLD technology to high-performance portable and battery-powered systems.

by Xilinx Staff

Insight Electronics recently introduced a complete solution for developing designs and applications based on the new high-performance, ultra-low power Xilinx CoolRunner™-II CPLD family. The Insight CoolRunner-II Development Kit enables experimentation with CoolRunner-II design concepts, including the investigation of multiple I/O standards, clock management, security, and CPLD power consumption.

“Releasing our CoolRunner-II Development Kit in tandem with the Xilinx CoolRunner-II family introduction continues Insight’s successful development kit introduction strategy,” said Jim Beneke, director of Technical Marketing at Insight. “This approach gives designers immediate access to the devices’ full range of features, allowing them to verify the ultra-low power and high performance of the Xilinx second generation Fast Zero Power™ (FZP) technology as used in the CoolRunner-II family.”

The Insight kit includes the 64 macrocell,

1.8V CoolRunner-II device; multiple options for power supplies, I/O voltages, and clock sources; a JTAG port; 45 user I/Os; a prototyping area; a two-digit LCD display; and two push-button switches. The Xilinx ISE WebPACK™ software contains all the development software you

need, and can be downloaded at no cost from the Xilinx website, or is included in the WebPACK version of the kit.

“Xilinx is pleased to have Insight providing timely support for our breakthrough

CoolRunner-II RealDigital CPLDs,” stated Steve Sharp, senior manager of Silicon Solutions Marketing. “Through this development kit, users can evaluate the unbeatable combination of high performance and ultra low power that CoolRunner-II devices offer.”

## Price and Availability

Available for order now, Insight’s CoolRunner-II Development Kit is priced at \$95. For more information on this and other Xilinx design kits available from Insight, call 888-488-4133, or go to [www.insight-electronics.com/coolrunner2](http://www.insight-electronics.com/coolrunner2).

“XILINX IS PLEASED TO HAVE INSIGHT PROVIDING TIMELY SUPPORT FOR OUR BREAKTHROUGH COOLRUNNER-II REALDIGITAL CPLDS. THROUGH THIS DEVELOPMENT KIT, USERS CAN EVALUATE THE UNBEATABLE COMBINATION OF HIGH PERFORMANCE AND ULTRA LOW POWER THAT COOLRUNNER-II DEVICES OFFER.”

—STEVE SHARP, SENIOR MANAGER OF SILICON SOLUTIONS MARKETING.

## About Insight Electronics

Insight Electronics is a member of The Meme Group, the world’s leading distributor of proprietary advanced-technology semiconductors.

With 52 divisions in the U.S., Mexico, Canada, and South America, Insight is the largest specialty semiconductor distributor in North and South America. Insight focuses its line card on leading semiconductor companies, enabling their sales team and field application engineers to devote their time and resources to mastery of supplier products, processes, and technologies. The company’s value-added services, design expertise, inventory management, logistics, and e-business tools ensure that customers receive the products they need, when and where they need them. For more information, visit the Insight Website at [www.insight-electronics.com](http://www.insight-electronics.com).

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