

# CoolRunner-II CPLD Starter Kit

The ideal CPLD low-power design platform.

This design kit is an ideal platform to evaluate and implement your CPLD designs quickly. A unique evaluation board with eight peripheral connectors allows you to select from a variety of peripheral expansion modules (sold separately) to expand the capabilities of your design.

## What's Included

- X-Board with XC2C256-TQ144
- Resource CD, including reference manual, software, application notes, web seminars, and data sheets
- USB cable
- ISE™ software WebPACK™ CD
- PMod-PS2 (PS2 module to connect a keyboard or other PS2 device to the X-Board)
- PMod-SSD (seven-segment display module)
- PMod-SWITCH (switch module for interfacing to four slide switches)

## Key Features


- XC2C256 CoolRunner™-II CPLD in TQ144 package
- USB interface
- Eight 6-pin connectors for standard peripheral modules
- One 26-pin and one 16-pin connector for daughterboards
- Built-in temperature and power monitor
- Free reference designs



**Price: \$49.95**

**Part Number: HW-CRII-SK-G**

## Targeted Applications

- Low-power design
- Logic consolidation
- Memory control and interfacing
- Display control
- Microprocessor interface
- State machines
- ADC interfacing
- Stepper motor control
- RFID telemetry
- Bluetooth or Wi-Fi interface
- Power or heat monitor
- MP3 player
- UART
- Smart Card reader 

## TAKE THE NEXT STEP

(Digital Edition: [www.xcellpublications.com/subscribe/](http://www.xcellpublications.com/subscribe/))

- Learn more about the CoolRunner-II CPLD Starter Kit.
- Buy online from Avnet, Nu Horizons, or your local distributor.
- Buy the Peripheral Module Bundle (HW-CRII-PM-ACC-G). Extend your CPLD functionality by adding peripheral expansion modules to your system, such as ADC, motor control, serial flash, and more for \$99.
- View the CoolRunner-II Starter Kit Demo.
- E-mail [designkits@xilinx.com](mailto:designkits@xilinx.com) for more information.