



HW-CR11-SK-G

CoolRunner-II Starter Kit

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Xilinx offers many different CPLD reference designs to the designers. The drop-in ready-to-use functions are comprised of HDL design code and application notes that allow quick turnaround on your design. You can also increase product flexibility and user advantages with Xilinx's comprehensive reference designs.

Key Applications

- Smart Phones
- Motor control
- Portable instruments
- Radio frequency telemetry (RFID)
- GPS navigation
- Satellite Radio
- PDA inventory management
- Digital imager for security cameras, scanners and viewers
- Microcontroller Interface
- Printer

Key Design Tips

- To learn more about CoolRunner-II Starter Kit please visit www.xilinx.com/cr2starter
- To learn more about Peripheral Module Bundle please visit www.digilentinc.com/PMB
- To learn more about reference designs please visit www.xilinx.com/cpld/ref-designs

Unlike traditional CPLD starter kit having the peripherals built-in on the starter kit, Xilinx has taken a whole new approach to make it modular so that the designers can easily build and test different peripherals.

Xilinx CoolRunner-II Starter Kit has eight independent edge connectors allowing the designers to plug in 8 different modules and simultaneously test and verify them.

Xilinx CoolRunner-II Starter Kit comes with the following contents:

- X-Board with XC2C256-TQ144
- Resource CD, including reference manual, software, application notes, web seminars and data sheets
- USB 2.0 cable
- ISE WebPACK CD

- Three peripheral modules
 - PMod-PS2 – PS2 module to connect to keyboard or other PS2 device to X-Board
 - PMod-SSD – Seven segment display module
 - PMod-SWITCH – Switch module to provide Interface to 4 slide switches

In addition, Peripheral Module Bundle (HW-CR11-PM-ACC, resale \$99.00) which contains other 8 independent peripheral modules can be purchased to further enhance starter kit flexibility. PMB includes applications specific peripheral modules such as ADC, DAC, H-bridge amplifier, stereo headphone jack, serial flash and other modules to further simplify proof of concept and design verification.

Service available or already delivered T&R from Manufacturer.
Tapes are available, but not stocked at Avnet Logistics due to low demand.
Device supported by or programming equipment, but the socket for this package must be provided by customer.

P/N	Package	Programming	Taping & Reeling	Marking
HW-CR11-SK-G		Tool		