

### Virtex Products

#### **Virtex-II Pro: Platform FPGAs: Complete Data Sheet**

- Virtex-II Pro Platform FPGAs: Introduction and Ordering Information (Module 1)
- Virtex-II Pro Platform FPGAs: Detailed Architectural Description (Module 2)
- Virtex-II Pro Platform FPGAs: Electrical Characteristics (Module 3)
- Virtex-II Pro Platform FPGAs: Pinout and Package Information (Module 4)
- Virtex-II Pro Platform FPGA Handbook
- Virtex-II Pro Platform FPGA Documentation
  - PPC405 User Manual
  - PPC405 Processor Block Manual
  - Rocket I/O Transceiver User Guide
- Virtex-II Pro Platform FPGA Developer's Kit
- Virtex-II Pro System Wake-Up Solutions

#### **Virtex-II 1.5V Platform FPGAs: Complete Data Sheet**

- Virtex-II 1.5V Platform FPGAs: Introduction and Ordering Information (Module 1)
- Virtex-II 1.5V Platform FPGAs: Detailed Architectural Description (Module 2)
- Virtex-II 1.5V Platform FPGAs: Electrical Characteristics (Module 3)
- Virtex-II 1.5V Platform FPGAs: Pinout and Package Information (Module 4)
  - Virtex-II Pinouts for Packages Text Files(Accessed from DataSource CD – Directory: [pinout\\_text\\_files](#))
- Virtex-II Platform FPGA Handbook

#### **Virtex-E Extended Memory 1.8V FPGAs: Complete Data Sheet**

- Virtex-E Extended Memory 1.8V FPGAs:Introduction and Ordering Information (Module 1)
- Virtex-E Extended Memory 1.8V FPGAs: Detailed Architectural Description (Module 2)
- Virtex-E Extended Memory 1.8V FPGAs: Electrical Characteristics (Module 3)
- Virtex-E Extended Memory 1.8V FPGAs: Pinout and Package Information (Module 4)

#### **Virtex-E 1.8V FPGAs: Complete Data Sheet**

- Virtex-E 1.8V FPGAs:Introduction and Ordering Information (Module 1)
- Virtex-E 1.8V FPGAs: Detailed Architectural Description (Module 2)
- Virtex-E 1.8V FPGAs: Electrical Characteristics (Module 3)
- Virtex-E 1.8V FPGAs: Pinout and Package Information (Module 4)

#### **Virtex 2.5V FPGAs: Complete Data Sheet**

- Virtex 2.5V FPGAs: Introduction and Ordering Information (Module 1)
- Virtex 2.5V FPGAs: Detailed Architectural Description (Module 2)
- Virtex 2.5V FPGAs: Electrical Characteristics (Module 3)
- Virtex 2.5V FPGAs: Pinout and Package Information (Module 4)
- Virtex Configuration Guide

### Spartan Products

#### **Spartan-II E 1.8V FPGAs: Complete Data Sheet**

- Spartan-II E 1.8V FPGAs: Introduction and Ordering Information (Module 1)
- Spartan-II E 1.8V FPGAs: Detailed Architectural Description (Module 2)
- Spartan-II E 1.8V FPGAs: Pinout and Package Information (Module 4)

#### **Spartan-II 2.5V FPGAs: Complete Data Sheet**

- Spartan-II 2.5V FPGAs: Introduction and Ordering Information (Module 1)
- Spartan-II 2.5V FPGAs: Detailed Architectural Description (Module 2)
- Spartan-II 2.5V FPGAs: Electrical Characteristics (Module 3)
- Spartan-II 2.5V FPGAs: Pinout and Package Information (Module 4)
  - Spartan-II Pinout Tables in Excel (.zip file)

#### **Spartan and Spartan-XL Families Field Programmable Gate Arrays**

## Configuration Solutions

### System ACE

- System ACE CompactFlash Solution
- System ACE SC Solution
- System ACE MPM Solution

### Configuration PROMs

- XC18V00 Series of In-System Programmable Configuration PROMs
- XC17V00 Series Configuration PROM
- Spartan-II/IIIE Family of PROMs
- Spartan/XL Family of PROMs

### Configuration Hardware

- Parallel Cable IV
- HW-130 Programmer

## CPLD Products

### CoolRunner-II XPLA3 CPLD Family

- X2C256: 256 Macrocell CoolRunner-II CPLD
- X2C64: 64 Macrocell CoolRunner-II CPLD
- X2C32: 32 Macrocell CoolRunner-II CPLD

### CoolRunner XPLA3 CPLD Family

- XCR3512XL: 512 Macrocell Ultra Low Power CPLD
- XCR3384XL: 384 Macrocell Ultra Low Power CPLD
- XCR3256XL: 256 Macrocell Ultra Low Power CPLD
- XCR3128XL: 128 Macrocell Ultra Low Power CPLD
- XCR3064XL: 64 Macrocell Ultra Low Power CPLD
- XCR3032XL: 32 Macrocell Ultra Low Power CPLD

### XC9500XV High Performance CPLD Family

- XC95288XV High Performance CPLD
- XC95144XV High Performance CPLD
- XC9572XV High Performance CPLD
- XC9536XV High Performance CPLD

### XC9500XL High Performance CPLD Family

- XC95288XL High Performance CPLD
- XC95144XL High Performance CPLD
- XC9572XL High Performance CPLD
- XC9536XL High Performance CPLD

### XC9500 In-System Programmable CPLD Family

- XC9536 In-System Programmable CPLD
- XC9572 In-System Programmable CPLD
- XC95108 In-System Programmable CPLD
- XC95144 In-System Programmable CPLD
- XC95216 In-System Programmable CPLD
- XC95288 In-System Programmable CPLD

## Automotive IQ Products

Automotive Papers and Presentations  
Spartan-II 1.8V FPGA Automotive IQ Product Family  
Spartan-II 2.5V FPGA Automotive IQ Product Family  
Spartan-XL 3.3V FPGA Automotive IQ Product Family  
CoolRunner CPLD Automotive IQ Product Family  
XCR3032XL: 32 Macrocell Automotive IQ CPLD  
XCR3064XL: 64 Macrocell Automotive IQ CPLD  
XCR3128XL: 1282 Macrocell Automotive IQ CPLD  
XCR3256XL: 256 Macrocell Automotive IQ CPLD  
XCR3384XL: 384 Macrocell Automotive IQ CPLD  
XCR3512XL: 512 Macrocell Automotive IQ CPLD  
XC9500XL High-Performance CPLD Automotive IQ Product Family

## QPro QML Certified and Radiation Hardened Products

QPro Virtex 2.5V QML High Reliability FPGAs  
QPro Virtex 2.5V Radiation Hardened FPGAs  
QPro XQ4000E/EX QML High Reliability FPGAs  
QPro XQ4000XL Series QML High-Reliability FPGAs  
QPro XQR4000XL Radiation Hardened FPGAs  
QPro XQ/XQR18V04 QML Programmable Configuration PROMs  
QPro Series Configuration PROMs (XQ) including Radiation-Hardened Series (XQR)  
QPro Family of XC1700D QML Configuration PROMs

## Internet Reconfigurable Logic (IRL) Products

PAVE Framework for IRL Applications  
PAVE Handbook

## XC4000 FPGA Products

**XC4000XLA FPGAs**  
XC4000XLA and XC4000XV FPGAs - Description  
XC4000XLA Electrical Characteristics  
XC4000XLA Pinouts  
**XC4000E/XL FPGAs**  
XC4000E/XL FPGAs - Description  
XC4000XL Electrical Characteristics  
XC4000E Electrical Characteristics  
XC4000E/XL Pinout Tables

## XC3000 and XC5200 FPGA Products

XC3000 Series FPGAs (XC3000A/L, XC3100A/L)  
XC5200 Series FPGAs