

Introduction**An Introduction to Xilinx Products****Product Selection Guides**

- Virtex-II Products
- Virtex-E Extended Memory Products
- Virtex-E Products
- Virtex Products
- Spartan-II Products
- Spartan-XL Products
- Spartan Products
- Configuration Solutions Products
 - System ACE Controller Products
 - System ACE Flash Products
 - XC18V00 Series of In-System Programmable Configuration PROMs
 - XC17V00 Series Configuration PROM
 - Spartan Family of One-Time Programmable Configuration PROMs (XC17S00)
 - Spartan-II Family of One-Time Programmable Configuration PROMs (XC17S00A)
- CoolRunner XPLA3 and XC9500 CPLD Products
 - CoolRunner Products
 - XC9500XV Products
 - XC9500XL Products
 - XC9500 Products
- 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 Series Configuration PROMs (XQ) including Radiation-Hardened Series (XQR)
 - QPRO Family of XC1700D QML Configuration PROMs
- Packages vs. Products Matrix
- Intellectual Property Products

Development System Products and IP Solution Products

Development Systems: Products Overview

IP Solutions: System-Level Designs for FPGAs

Virtex Products

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

Virtex-II Platform FPGA User Guide

Virtex-II IBIS Files (zip format)

Virtex-II IBIS files (tar format)

Virtex-II Verilog Templates (zip file)

Virtex-II VHDL Template (zip file)

Virtex-II Seminar Presentation

Designing with FPGAs Presentation

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-E Pinouts for Packages Text Files

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 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 Advanced Configuration Environment (System ACE) Solution for FPGAs

XC18V00 Series of In-System Programmable Configuration PROMs

XC17V00 Series Configuration PROM

Spartan Family of One-Time Programmable Configuration PROMs (XC17S00)

Spartan-II Family of One-Time Programmable Configuration PROMs (XC17S00A)

XC1700E and XC1700L Series Configuration PROMs

HW-130 Programmer

XC4000 FPGA Products

XC4000E and XC4000X FPGA Series - Description
XC4000XL Electrical Characteristics
XC4000EX Electrical Characteristics
XC4000E Electrical Characteristics
XC4000E/X Pinouts
XC4000XLA and XC4000XV FPGA Series - Description
XC4000XLA Electrical Characteristics
XC4000XV Electrical Characteristics
XC4000XLA Pinouts
XC4000XV Pinouts

XC3000 and XC5200 FPGA Products

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

CPLD: CoolRunner and XC9500 Products

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

QPRO QML Certified and Radiation Hardened Products

QPRO High-Reliability QML Certified and Radiation Hardened Products
for Aerospace and Defense Applications
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 Series Configuration PROMs (XQ) including Radiation-Hardened Series (XQR)
QPRO Family of XC1700D QML Configuration PROMs

Packages and Thermal Characteristics

Packages and Thermal Characteristics

Package Drawings Table of Contents (Links to individual package drawings)

Testing, Quality Assurance, and Reliability

Quality Assurance and Reliability

Technical Support, Customer Education, and Services

Technical Support and Services

Application Notes, White Papers, and Other Technical Information

Application Notes Summaries (Links to complete Application Notes)

White Paper Summaries (Links to complete White Papers)

Application Briefs Summaries (Links to complete Application Briefs)

IBIS Files (Accessed from Data Book CD-ROM—directory: IBIS_files)

BSDL Files (Accessed from Data Book CD-ROM—directory: BSDL_files)

Verilog Files (Accessed from Data Book CD-ROM—directory: Xapp_Veril_VHDL_files)

VHDL Files (Accessed from Data Book CD-ROM—directory: Xapp_Veril_VHDL_files)

Software Manuals (Accessed from Data Book CD-ROM—directory: sw_manuals)

Xcell Journal Archives: The Authoritative Journal for Programmable Logic

TechXclusives: Exclusive articles from the experts on the latest design trends

Newsgroup: comp.arch.fpga. An archive of over 30,000 postings.

<http://www.fpga-faq.com/archives/index.html>