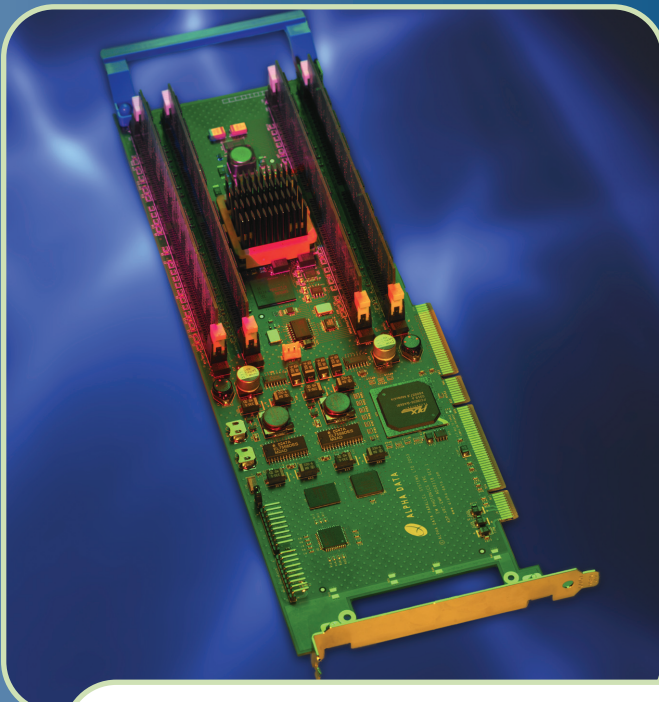


XILINX VIRTEX-II RECONFIGURABLE COMPUTER

Features



Xilinx Virtex-II based PCI card

Support for the largest Xilinx devices from 2V4000 thru 2V8000

Supports 4 independent banks of industry standard DDR SDRAM DIMM memory

Maximum configuration 16GByte

2MByte or 4 MByte SRAM in 1 bank of 512K, 1024K or 2048K x 36 bit DDR SDRAM

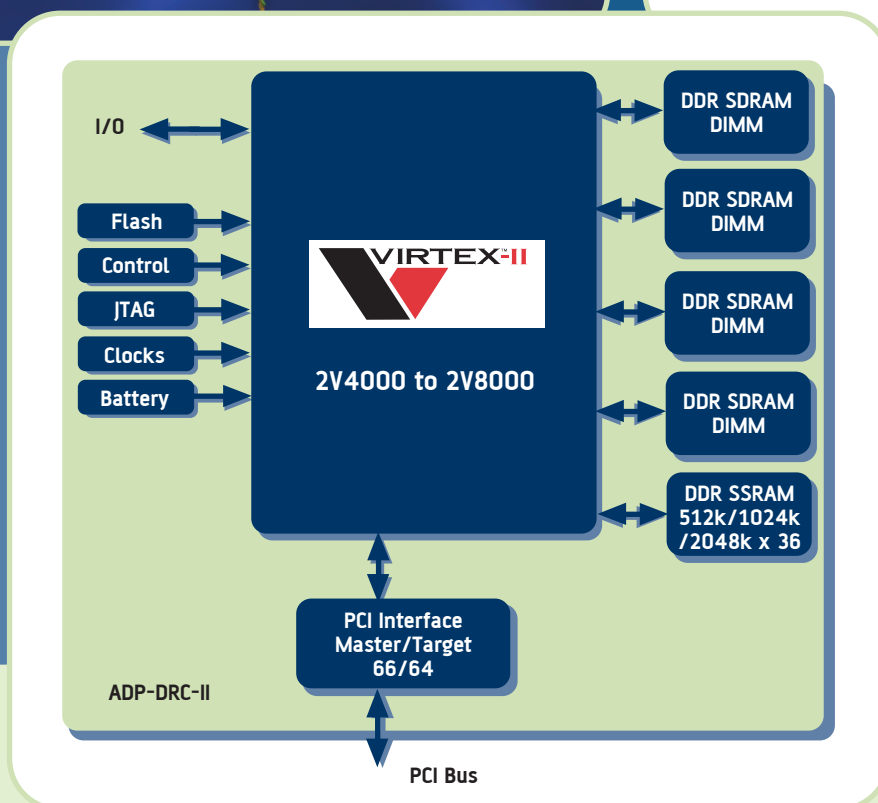
1 bank 16Byte Flash memory

64-bit 66MHz PCI bus with high performance bus mastering and DMA interfaces

Support for Xilinx System Generator and ChipScope

Drivers for WinNT, Win2000, WinXP, VxWorks and Linux

Comprehensive Software Development Kit including template designs



XILINX VIRTEX-II RECONFIGURABLE COMPUTER
Specifications

| | | ADP-DRC-II |
|----------------------------------|---------|--|
| Virtex-II FPGA | | 2V4000, 2V6000 or 2V8000 |
| PCI Bus | | 64-bit 66MHz |
| FPGA Local Bus | | 32-bit 66MHz |
| Memory | | |
| | DRAM | 4 independent DDR SDRAM DIMMs maximum configuration 16 GBytes |
| | SRAM | 512K, 1024K or 2048K x 36 DDR SSRAM |
| | Flash | 16 MByte |
| I/O | | 40 LVTTTL / 20 LVDS via 60 pin Samtec |
| Configuration | | SelectMap, Flash, JTAG header |
| Software Development Kits | | |
| | Windows | WinNT, XP, 2000 |
| | Linux | Red Hat, Hard Hat |
| | VxWorks | |

Ordering Information

| ADP-DRC-II/xxx-y/s/d | | |
|----------------------|-----------------|------------------------|
| xxx | Virtex-II size | 4000, 6000 or 8000 |
| y | Virtex-II speed | 4, 5 or 6 |
| s | DDR SSRAM | 2, 4 or 8 MByte |
| d | DDR SDRAM | 1, 2, 4, 8 or 16 GByte |