



Xilinx Virtex™-II Development Kit MicroBlaze™

The Virtex-II Development Kit provides a complete hardware environment for designers to accelerate their time to market. The kit delivers a stable platform to develop and test designs targeted to the highly advanced Xilinx Virtex-II FPGA family. The installed FPGA device offers up to a 6 Million system gate prototyping environment to effectively demonstrate the enhanced benefits of the leading edge Xilinx FPGA solution. Embedded multipliers, advanced digital clock management, built-in impedance matching, IP immersion, and other exciting features can be implemented with advanced Xilinx design tools. Demonstration VHDL code is included with the kit to exercise standard peripherals on the evaluation board for a quick start to device familiarization.

The Virtex-II Development Kit includes:

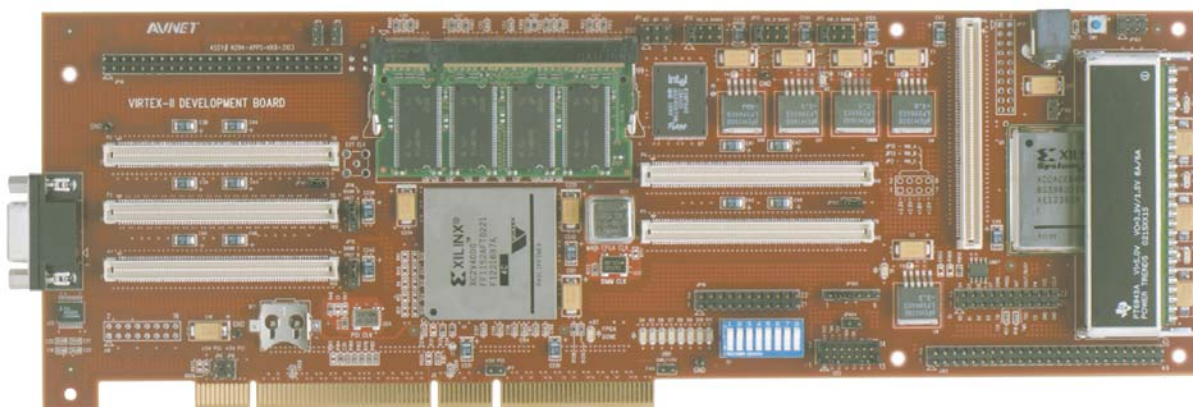
- Xilinx Virtex-II development board
 - Users guide
 - Bill of materials
 - Schematics
- Demonstration code

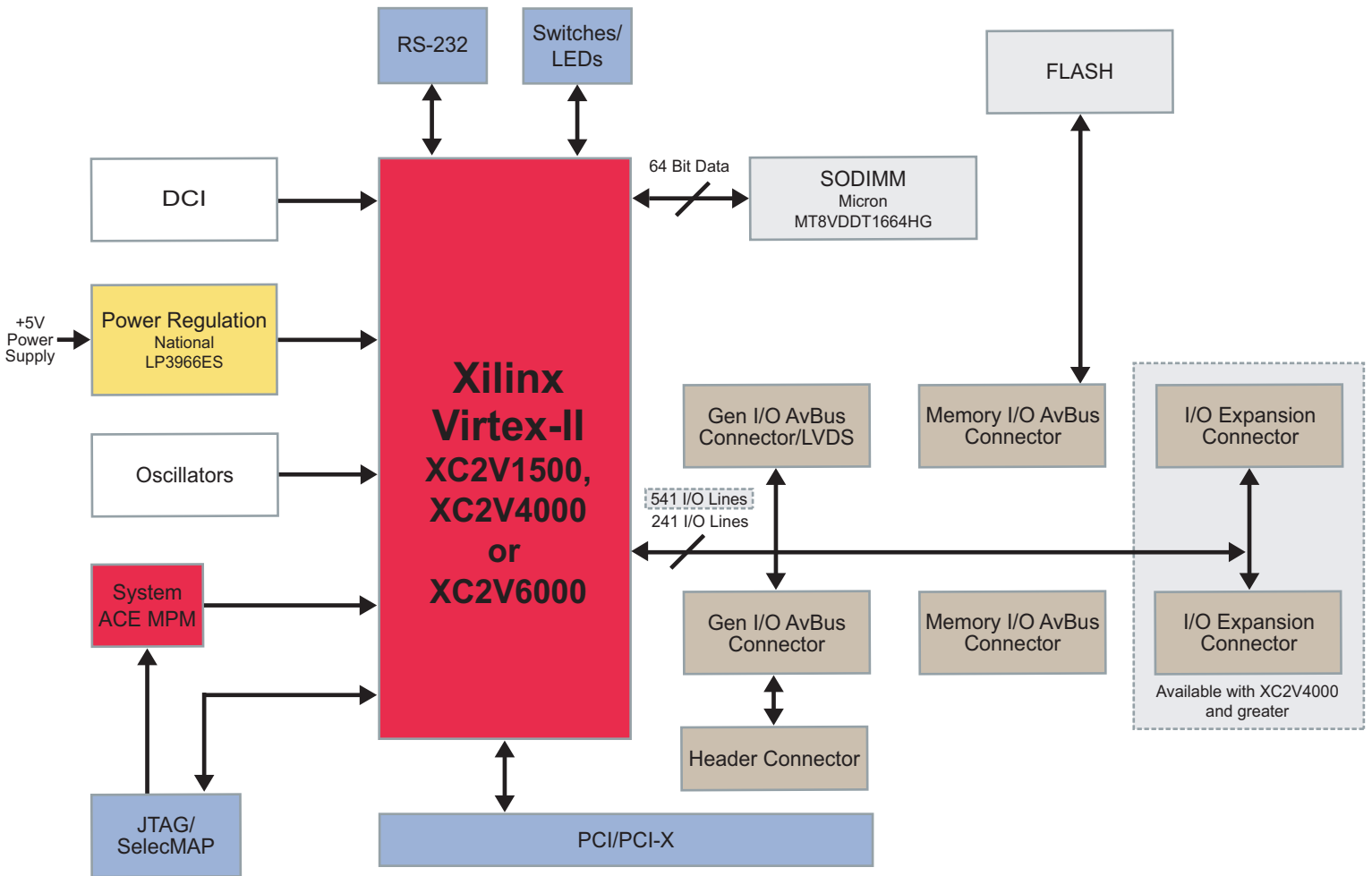
Features:

- ▲ Configuration
 - JTAG connectors support Multilynx, Parallel III and Parallel IV JTAG cables
 - Xilinx XCCACEMxx-BG388I System ACE MPM solution
- ▲ Memory
 - 133 MHz, 128 MB DDR SDRAM DIMM
 - 8 MB FLASH
- ▲ Universal connector 3.3V/5V, 32/64 bit for PCI/PCI-X interface
- ▲ RS-232 Serial Port (DB9)
- ▲ Expansion Connectors
 - 140-pin I/O expansion connectors (AvBus)
 - Pin headers for simple low pin count connections
 - Support for versatile I/O and LVDS

Target Applications:

- ▲ High end DSP
- ▲ Data transmission and manipulation
- ▲ IP based systems
- ▲ System connectivity
- ▲ High density ASIC replacement





Ordering Information:

Part Number	Hardware	Resale
ADS-XLX-V2-DEV1500	Populated with an XC2V1500 device	\$1,000.00 USD
ADS-XLX-MB-DEV1500	Bundled with Communications/Memory Module & MicroBlaze core license	\$1,400.00 USD
ADS-V2-MB-DEV1500XP	Bundled with Communications/Memory Module, MicroBlaze core license and high-current power supply	\$1,900.00 USD
ADS-XLX-V2-DEV4000	Populated with an XC2V4000 device	\$2,500.00 USD
ADS-XLX-MB-DEV4000	Bundled with Communications/Memory Module & MicroBlaze core license	\$2,900.00 USD
ADS-XLX-V2-DEV4000XP	XC2V4000 & high-current power supply	\$3,000.00 USD
ADS-V2-MB-DEV4000XP	Bundled with Communications/Memory Module, MicroBlaze core license and high-current power supply	\$3,400.00 USD
ADS-XLX-V2-DEV6000XP	XC2V6000 & high-current power supply	\$6,000.00 USD
ADS-V2-MB-DEV6000XP	Bundled with Communications/Memory Module, MicroBlaze core license and high-current power supply	\$6,400.00 USD

Supporting suppliers:



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