Xilinx Alliance Series and Foundation Series Features

Features Included	Alliance Series		Foundation Series			
			Design Environment			
	Schematic & Synthesis		Schematic & ABLE		Schematic & Synthesis	
	ALI-BAS	ALI-STD	FND-BAS	FND-STD	FND-BSX	FND-EXP
EDA Libraries and Interfaces for Cadence, Mentor, Synopsys, and ViewLogic	✓	✓				
Turns Engine (Workstation Only)	✓	✓				
Synthesis Constraint Editor and Timing Analyzer						✓
Esperan MasterClass Lite VHDL Tutorial					✓	✓
HDL Synthesis Tools (ABEL, VHDL, and Verilog)					✓	✓
HDL Design Tools: HDL Wizard, Context Sensitive Editor, Graphical State Editor, and Language Assistant			✓	✓	✓	✓
Schematic Editor			✓	✓	✓	✓
Simulator (Functional and Timing)			✓	✓	✓	✓
HDL Synthesis Libraries (UniSim and Simprim)	✓	✓	✓	✓	✓	✓
Implementation Tools: Design Manager, Flow Engine, Timing Analyzer, Hardware Debugger, LogiBLOX, JTAGProgrammer, PROM File Formatter Graphical Constraints Editor, Graphical Floorplanner	✓	✓	✓	✓	✓	✓
EDIF, VHDL (VITAL), and Verilog Back Annotation	✓	✓	✓	✓	✓	✓
LogiBLOX™ Module Generator	✓	✓	✓	✓	✓	✓
Xilinx CORE Generator	✓	✓	✓	✓	✓	✓
CPLD Devices (XC9500 and XC9500XL)	✓	✓	✓	✓	✓	✓
FPGA (Low Density/High Volume Devices): XC4000EXL (Up to XC4010EXL) Spartan and SpartanXL (All) XC3000A, XC3000L, XC3100A, XC3100L XCS200 (Up to XCS210)	✓		✓		✓	
FPGA (Unlimited Device Support): Virtex XC4000EX (All) Spartan and SpartanXL (All) XC3x00A/L (All) XCS200 (All)		✓		✓		✓
Xchecker Cable (Workstation Only)	✓	✓				
JTAG Cable (PC Only)	✓	✓	✓	✓	✓	✓