


XC9500 and CoolRunner CPLDs

Xilinx WebPOWERED Software Solutions offer you the flexibility to target the XC9500 and CoolRunner Series CPLDs on-line or on your desktop.

WebFITTER is an on-line device fitting and evaluation tool which accepts HDL, ABEL, or netlist files and provides all reports, simulation models, and programming files.

WebPACK downloadable desktop solutions offer free CPLD software modules for ABEL and HDL synthesis, HDL simulation, device fitting, and JTAG programming. 

See www.xilinx.com/products/software/webpowered.htm for more information.

Core Voltage	CPLD Family	Devices	Key Features	Density		Features				
				Macrocells	Max. I/O	Pin-to-Pin Delay (ns)	System Frequency	Individual OE Ctrl	JTAG	Ultra Low-Power
3.3 Volt ISP	XC9500XL	XC9536XL	Best Pin-Locking JTAG w/Clamp High Performance High Endurance	36	36	4	200	√	√	
		XC9572XL		72	72	5	178.6	√	√	
		XC95144XL		144	117	5	178.6	√	√	
		XC95288XL		288	192	6	151	√	√	
	XPLA3	XCR3032XL	Ultra Low Power JTAG Increased Logic Flexibility	32	32	5	200		√	√
		XCR3064XL		64	64	6	166		√	√
		XCR3028XL		128	104	6	166		√	√
		XCR3256XL		256	160	7.5	133		√	√
		XCR3384XL		384	216	7.5	133		√	√
	XPLA-Enhanced	XCR3032A (PZ3032A)*	Ultra Low Power JTAG	32	32	6	111		√	√
		XCR3064A (PZ3064A)*		64	64	7.5	95		√	√
		XCR3128A (PZ3128A)*		128	96	7.5	95		√	√
	XPLA2	XCR3320 (PZ3320C)*	Ultra Low Power High Density	320	192	7.5	100		√	√
		XCR3960 (PZ3960C)*		960	384	7.5	100		√	√
5 Volt ISP	XC9500	XC9536	Best Pin-Locking JTAG High Endurance	36	34	5	100	√	√	
		XC9572		72	72	7.5	83.3	√	√	
		XC95108		108	108	7.5	83.3	√	√	
		XC95144		144	133	7.5	83.3	√	√	
		XC95216		216	166	10	66.7	√	√	
		XC95288		288	192	10	66.7	√	√	
	XPLA-Enhanced	XCR5032C (PZ5032C)*	Ultra Low Power JTAG	32	32	6	111		√	√
		XCR5064C (PZ5064C)*		64	64	7.5	105		√	√
		XCR5128C (PZ5128C)*		128	96	7.5	100		√	√

* Phillips part number