


# XC18V00, XC1700, XC17500 FPGA PROMS

Xilinx offers a full range of configuration memories optimized for use with Xilinx FPGAs. Our in-system re-programmable XC18V00 family provides a feature rich, fast configuration solution unmatched by any other configuration PROM available today, and provides a cost-effective method for reprogramming and storing large Xilinx FPGA bitstreams. Our low-cost XC1700 and XC17S00 families are an ideal configuration solution for cost sensitive applications.

Our PROM product lines are designed to meet the same stringent demands as our high performance FPGAs and CPLDs, taking full advantage of our advanced processing technologies. They were developed in close cooperation with Xilinx FPGA designers for optimal performance and reliability. 

See [www.xilinx.com/products/configsolu.htm](http://www.xilinx.com/products/configsolu.htm)  
or more information

**3.3V Configuration PROMs**

Device	Density	PD8	SO20	PC20	PC44	VQ44	JTAG ISP
XC1765EL(X)	64Kb	X	X	X	X		
XC17128EL(X)	128Kb	X		X	X		
XC17256EL(X)	256Kb	X		X	X		
XC17512L	512Kb	X	X	X			
XC1701L	1Mb	X	X	X			X
XC1702L	2Mb				X	X	
XC1704L	4Mb				X	X	
XC18V128	128Kb				X	X	X
XC18V512	512Kb		X	X		X	X
XC18V01	1Mb		X	X		X	X
XC18V02	2Mb				X	X	X
XC18V04	4Mb				X	X	X

Note: XC1700EL parts are marked with an "X" instead of "EL"

**3.3V Configuration PROMs for Spartan-XL/Spartan-II**

Device	Configuration Bits	PROM Solution	PD8	VO8	SO20
XCS05XL	54,544	XC17S05XL	X	X	
XCS10XL	95,752	XC17S10XL	X	X	
XC2S15	197,696	XC17S15XL	X	X	
XCS20XL	179,160	XC17S20XL	X	X	
XCS30XL	249,168	XC17S30XL	X	X	
XC2S30	336,768	XC17S30XL	X	X	
XCS40XL	330,696	XC17S40XL	X	X*	X
XC2S50	559,232	XC17S50XL	X		X
XC2S100	781,248	XC17S100XL	X		X
XC2S150	1,041,128	XC17S150XL	X		X
XC2S200	1,335,872	XC17S200XL	X		X

\* In development

**Configuration PROMs for Virtex-E**

Device	Configuration Bits	XC17xx/XC18Vxx Solution	PD8	PC20	SO20	PC44	VQ44
XCV50E	630,048	01	X**	X	X		X***
XCV100E	863,840	01	X**	X	X		X***
XCV200E	1,442,106	02				X	X
XCV300E	1,875,648	02				X	X
XCV400E	2,693,440	04				X	X
XCV405E	3,430,400	04				X	X
XCV600E	3,961,632	04				X	X
XC812E	6,519,648	04+04 or 08*				X	X
XCV1000E	6,587,520	04+04 or 08*				X	X
XCV1600E	8,308,992	04+04 or 08*				X	X
XC2000E	10,159,648	04+08* or 16*				X	X
XCV2600E	12,922,336	16*				X	X
XCV3200E	16,283,712	16*				X	X

\* In development

\*\* Available on XC17xx only

\*\*\* Available in XC18Vxx only

**Configuration PROMs for Virtex**

Device	Configuration Bits	XC17xx/XC18Vxx Solution	PD8	PC20	SO20	PC44	VQ44
XCV50	558,048	01	X*	X	X		X**
XCV100	780,064	01	X*	X	X		X**
XCV150	1,038,944	01	X*	X	X		X**
XCV200	1,334,688	02				X	X
XCV300	1,750,656	02				X	X
XCV400	2,544,896	04				X	X
XCV600	3,606,816	04				X	X
XC800	4,714,400	04 + 512				X	X
XCV1000	6,126,528	04 + 02				X	X

\* Available on XC17xx only

\*\* Available on XC18Vxx only