Xilinx HardWire™ Array Cross Reference List

FPGA Device	Expected Volume	HardWire Device	Comment
XC2000 Family			
XC2018	Any	XC2318	
XC2018L	Any	XC2318L	
XC2064	Any	XC2318	Must route in XC2018 prior to conversion
XC2064L	Any	XC2318L	Must route in XC2018L prior to conversion
XC3000 Family			
XC3020	Any	XC3330	Must route in XC30303 prior to conversion
XC3020A	Any	XC3330	Must route in XC3030A prior to conversion
XC3020L	Any	XC3330L	Must route in XC3030L prior to conversion
XC3030	Any	XC3330	
XC3030A	Any	XC3330	
XC3030L	Any	XC3330L	
XC3120A	Any	XC3330	Must route in XC3130A prior to conversion
XC3031A	Any	XC3330	
XC3042	Any	XC3342	
XC3042A	Any	XC3342	
XC3042L	Any	XC3342L	
XC3142A	Any	XC3342	
XC3064	Any	XC3390	Must route in XC3090 prior to conversion
XC3064A	Any	XC3390	Must route in XC3090A prior to conversion
XC3064L	Any	XC3390L	Must route in XC3090L prior to conversion
XC3164A	Any	XC3390	Must route in XC3190A prior to conversion
XC3090	Any	XC3390	
XC3090A	Any	XC3390	
XC3090L	Any	XC3390L	
XC3190A	Any	XC3390	
XC3190L	Any	XC3390L	
XC3195A	Any	XC4495T	
XC4000 Family			
XC4002A	Low	XC4303	Must route in XC4003A prior to conversion
XC4002A	High	XC4402	
XC4003A	Low	XC4303	
XC4003A	High	XC4403	
XC4003E	Any	XC4403	
XC4004A	Low	XC4305	Must route in XC4005A prior to conversion
XC4004A	High	XC4404	
XC4005A	Low	XC4305	
XC4005A	High	XC4405	
XC4005E	Any	XC4405	

FPGA Device	Expected Volume	HardWire Device	Comment
XC4005H	Any	XC4005H	
XC4005L	Any	XC4405L	
XC4006	Low	XC4310	Must route in XC4010 prior to conversion
XC4006	High	XC4406	
XC4006E	Any	XC4406	
XC4008	Low	XC4310	Must route in XC4010 prior to conversion
XC4008	High	XC4408	
XC4008E	Any	XC4408	
XC4010	Low	XC4310	
XC4010	High	XC4410	
XC4010E	Any	XC4410	
XC4010D	Any	XC4410	
XC4013	Low	XC4313	Available Now
XC4013	High	XC4413	
XC4013E	Any	XC4413	
XC4013L	Any	XC4413L	
XC4020	Any	XC4420	Available Now
XC4020E	Any	XC4420	Available Now
XC4025	Any	XC4425	Available Now
XC4025E	Any	XC4425	
XC4000EX Family			
XC4028EX	Any	XC4428EX/XL	Available 2Q97
XC4036EX	Any	XC4436EX/XL	Available 2Q97
XC4044EX	Any	XC4444EX/XL	Available 2H97
XC4052EX	Any	XC4452EX/XL	Available 2H97
XC4062EX	Any	XC4462EX/XL	Available 2H97
XC5200 Family			
XC5202	Any	XC5402	Available Now
XC5404	Any	XC5404	Available Now
XC5206	Any	XC5406	Available Now
XC5210	Any	XC5410	Available Now
XC5215	Any	XC5415	Available Now

Using this table:

1) Choose the FPGA device from the left hand column.

2) Choose the volume requirement if applicable. (In some cases, there will be a high volume and a low volume option for the device. For instance, the XC4000 series can be converted to the lower volume optimized XC4300 family or the higher XC4400 family).

3) Determine which HardWire device to quote

4) If your XC3000 series device requires any special engineering (i.e. a package change) or requires peripheral parallel configuration mode, it may have to be implemented using the XC4400 technology. Please consult factory for these cases.