

Density: The Facts

Xilinx Device				Competing Product		
XC4000 Series X				Altera FLEX 10K		
Device	Max I/O	Max RAM Bits	Logic Cells	Max RAM Bits	Max I/O	Device
XC40125XV	544	150k	10,982			
XC4085XL	448	100K	7,448			
			6,500	?	?	EPF10K130V
XC4062XL	384	74K	5,472			
			4,992	25K	406	EPF10K100
XC4052XL	352	62K	4,598			
XC4044XL	320	51K	3,800			
			3,774	18K	358	EPF10K70
XC4036XL	288	42K	3,078			
			2,880	20K	310	EPF10K50
XC4028XL	256	33K	2,432			
			2,304	16K	278	EPF10K40
XC4020XL	224	25K	1,862			
			1,728	12K	246	EPF10K30
XC4013XL	192	18K	1,368			

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Xilinx Device				Competing Product		
XC4000 Series				Lucent ORCA		
Device	Max I/O	Max RAM Bits	Logic Cells	Max RAM Bits	Max I/O	Device
XC40125XV	544	150K	10,982			
XC4085XL	448	100K	7,448			
			6,272	100K	448	OR3T125
XC4062XL	384	74K	5,472			
XC4052XL	352	62K	4,598			
			3,872	62K	352	OR3T80
XC4044XL	320	51K	3,800			
			3,600	58K	480	OR2C40A
XC4036XL	288	42K	3,078			
			2,592	41K	288	OR3T55
XC4028XL	256	33K	2,432			
			2,304	37K	384	OR2C26A
XC4020XL	224	25K	1,862			
			1,600	26K	320	OR2C15A
XC4013XL	192	18K	1,368			

Reconfigurable Computing Web Addresses

- XC6200 data sheet:

<http://www.xilinx.com/partinfo/6200.pdf>

- More XC6200 information:

<http://www.xilinx.com/>

then click on SmartSearch,

enter: XC6200

- Reconfigurable Logic Bibliography:

<http://splish.ee.byu.edu/bib/bibpage.html>

- List of FPGA-based Computing Machines:

http://www.io.com/~guccione/HW_list.html