

7400 Equivalents	# of CLBs	Barrel Shifters	Multiplexers
'138	5	brlshft4 4	m2-1e 1
'139	2	brlshft8 13	m4-1e 1
'147	5		m8-1e 3
'148	6	<b>4-Bit Counters</b>	m16-1e 5
'150	5	cd4ce 3	<b>Registers</b>
'151	3	cd4cle 5	rd4r 2
'152	3	cd4rle 6	rd8r 4
'153	2	cb4ce 3	rd16r 8
'154	16	cb4cle 6	<b>Shift Registers</b>
'157	2	cb4re 5	sr8ce 4
'158	2		sr16re 8
'160	5	<b>8- and 16-Bit Counters</b>	<b>RAMs</b>
'161	6	cb8ce 6	ram 16x4 2
'162	8	cb8re 10	
'163	8	cc16ce 10	<b>Explanation of counter nomenclature</b>
'164	4	cc16cle 11	cb = binary counter
'165s	9	cc16cled 21	cd = BCD counter
'166	5		cc = cascadable binary counter
'168	7	<b>Identity Comparators</b>	d = bidirectional
'174	3	comp4 1	l = loadable
'194	5	comp8 2	x = cascadable
'195	3	comp16 5	e = clock enable
'280	3		r = synchronous reset
'283	8	<b>Magnitude Comparators</b>	c = asynchronous clear
'298	2	compm4 4	
'352	2	compm8 9	
'390	3	compm16 20	
'518	3	<b>Decoders</b>	
'521	3	d2-4e 2	
		d3-8e 4	
		d4-16e 16	

Figure 10. CLB Count of Selected XC4000 Soft Macros