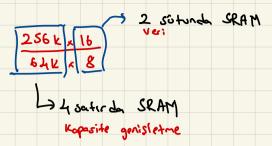
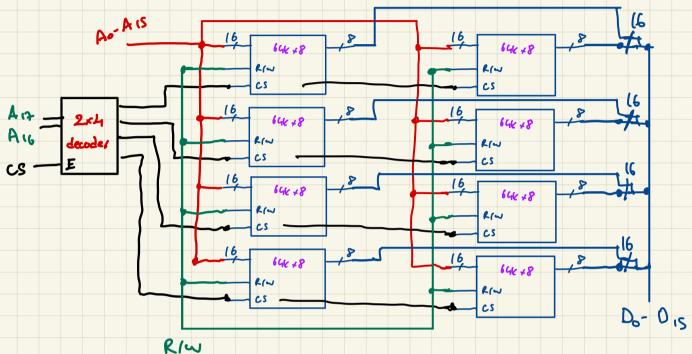


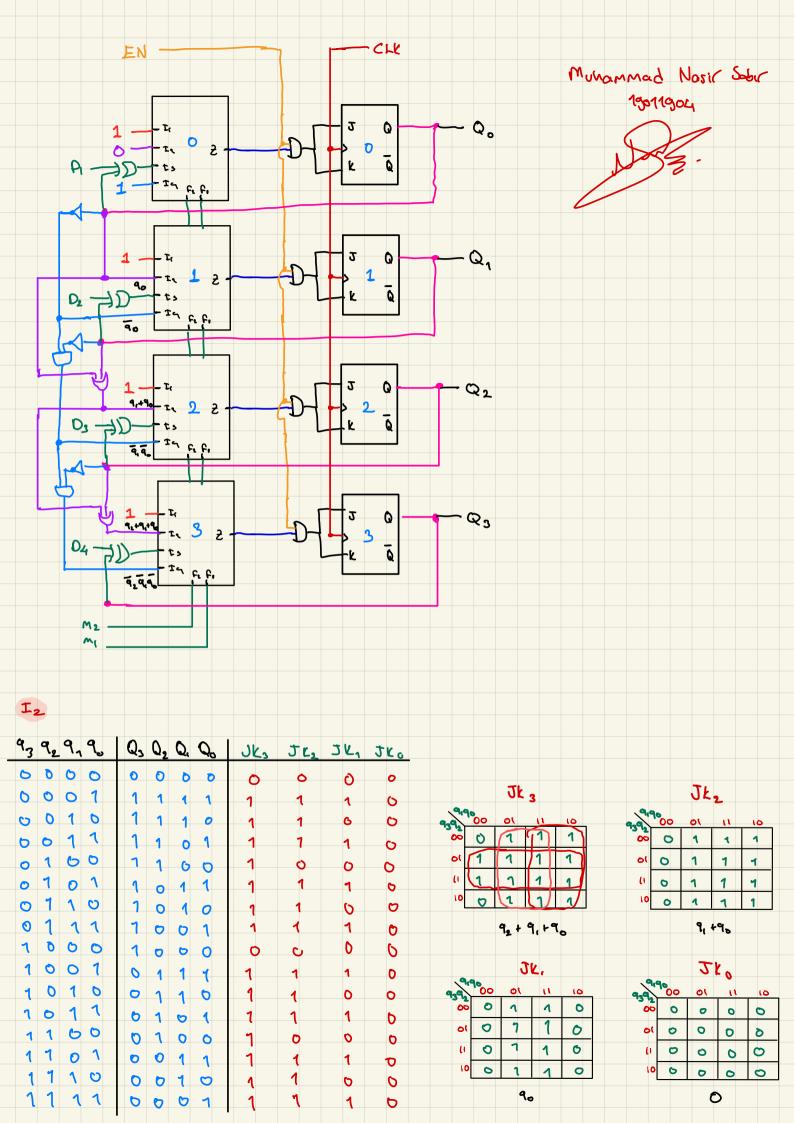
Do-07

RIW

64x8 SRAM bloklarını kullanarak 256x16'lık kapasiteli RAM blogu tosarlıyınız







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6	1	0	1 1 1		
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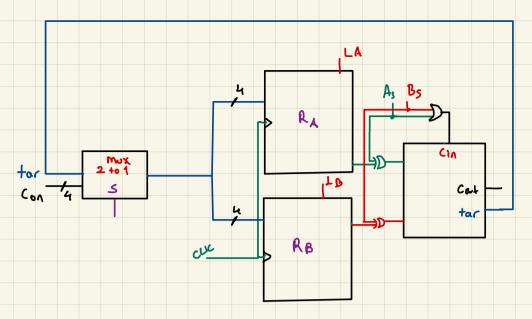
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93 92 91	૧ુ	Q3 Q2 Q, Q0	JKs	Jr,	שני	JKo	Jk 3	Jk2
000	0	1 1 1 1	1	1	1	1	9,90	9190
000	1	0000	0	0	0	1	9392 00 01 (1 (0	30 00 01 11 10
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001	1	0010	0	0	٥	1	0	" 1 1
016	0	0011	0	1	1	1	10 1	10 1
0 1 0	1	0160	0	0	0	1		
0 1 1	O	0101	0	0	1	1	Jk3: 9,9,9.	Jk2= 9,9.
0 1 1	1	0110	Ø	O	Ö	1	JK,	210
100	0	0111	1	1	1	1	9,90	9,90
100	1	1000	0	Ö	0	1	00 1 1	00 00 1 1 1 1
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101	1	1010	0	0	0	1	1 1 1	1 1 1 1
116	0	1011	0	1	1	1	10 1	10 1 1 1
110	1	1160	0	O	O	1		
111	O	1101	0	0	1	1	JK, = 90	Tko = 1
111	1	1110	0	O	0	1		



S = A +0, A3 = 0 B5 = 0 Src 0+13 As =0, Bs = 0 S = A+0, A5= 1 B5=0 Sc +1 45=0, Bs=1 0+3 S = A+(1), As= 1 BS= 1 Sce As=1, Bs=1 (1)·B S = A+(1), A5= 0 BS= 0 src+1 (1)+B As= 0 85= 0 S = A+(1), AS= 0 BS= 1 500 -1 (1) + B 4s=1 , Bs=0 5= A1B, AS= 0, Bs=0 A+B S = A + B AS = 0 Bs = 1 A-B s = B+A A5 = 1 B5 = 0 B- A

2 clock cycleida

Adder (Subtractor yerine Adder Kullandin

Muhammad Nosir Sabir

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SORIS 1 Page Size: 1KB Data Width: 32 bit Virtual Adress = 20 bit Phsycal Adress: 18 bit L2 and Main Memory 32 VA Virtual Address 10 10 F = 로모 L1 cache 8 way set assosiative TLB 8 words for each block Fully assosiative 10 Total of 512 words I entry for each block Total of 16 entries Tag Tag Tag Tag Tag 동급 Tag 8 PA PPN PPO CI CWO CBO CT Page Table Physical 10 Address 2 10 8 way x words each block 1k = 210 -> 10 bif > VPO 8x8 = 64 word ber Softr da 20-10 = 10 7 VPN 512 - 8 satic -) log 28 = 3 bit index Data width / words = word genisligi 3218 = 4 byte 4 (00 L = 2 bit 10928= 5617 byte icin L) ward ian M.NASIR SABIR offret 13011304 Phsycal Adors - Index - word Offret-byte Offret
18-3-3-2= (O bit tog about