150180005 Yagmur Caglor Contan.

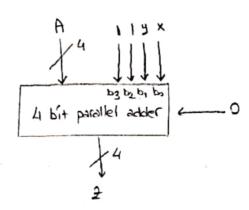
Sucstion 42)

A-4 = A + "1100"

A-3 = A + " 1101"

A-2= A+ " 1110"

A- (= A + " III"



for "llyx" x is least significant bit and 0 is the carry input for parallel adder.

Sweston 46) + (abicid) = U1 (2,9,10,12,15) + Ua (1,5)

mg = 1001

M10= 1010

m12= 1100

M15= 1111

M= 0001

M5= 0101

0	
C	
d	
4:1 mux ->	t
T_2	
13	
9 6	

	BA	CD	out	469		
MI	00	01	0			
ms	01	01	9		c.d	· · · · ·
Ma	01	11	1)	C16	1
mg	10	01	1		29 + gc	- xoe
WIO	10	10	1	4		
Miz	11	00	1		cd + cd	- NXOR
Mie	11	11	1			