

قسم الف

Inputs : a, b, c

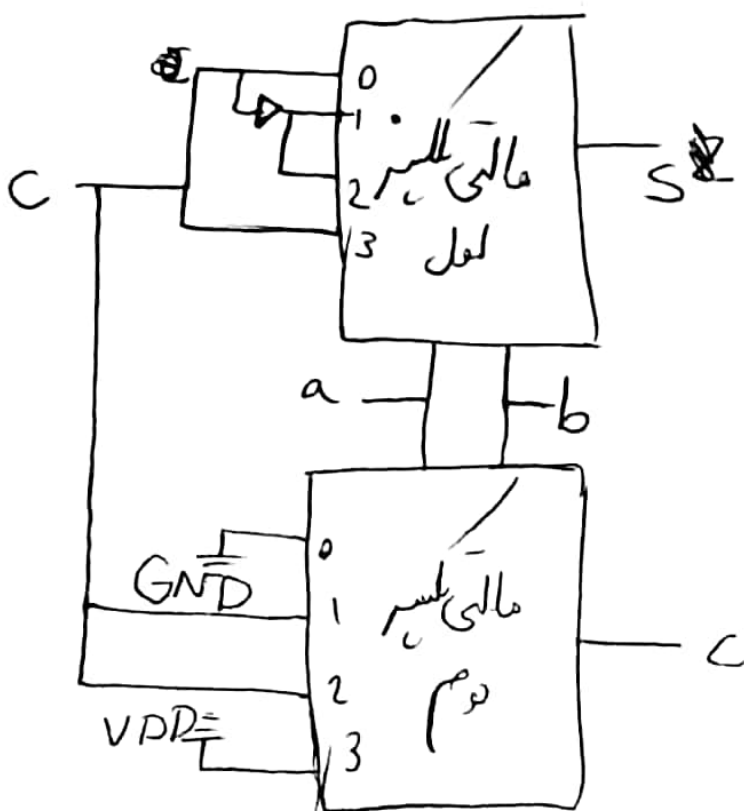
	a	b	c	S	C
1	0	0	0	0	0
2	0	0	1	1	0
3	0	1	0	1	0
4	0	1	1	0	1
5	1	0	0	1	0
6	1	0	1	0	1
7	1	1	0	0	1
8	1	1	1	1	1

group 1 $\Rightarrow S=Z \quad C=0$

Group 2 $\Rightarrow S = \mathbb{Z}'$, $C = \mathbb{Z}$

group 3 $\Rightarrow S = Z', C = Z$

group 4 $\Rightarrow S = Z, C = 1$



+7

+7

In Out علی صفا پور

a	b	c	S	c
0	0	0	0	0
0	0	1	1	0
0	1	0	1	0
0	1	1	0	1
1	0	0	1	0
1	0	1	0	1
1	1	0	0	1
1	1	1	1	1

(B تست) $abc +$

$$S = \sum a \bar{b} \bar{c} + \bar{a} \bar{b} \bar{c} + \bar{a} b \bar{c}$$

$$= \Sigma(7, 2, 4, 1)$$

$$C = abc + \bar{a} b c + a \bar{b} c$$

$$abc = \Sigma(3, 5, 6, 7)$$

