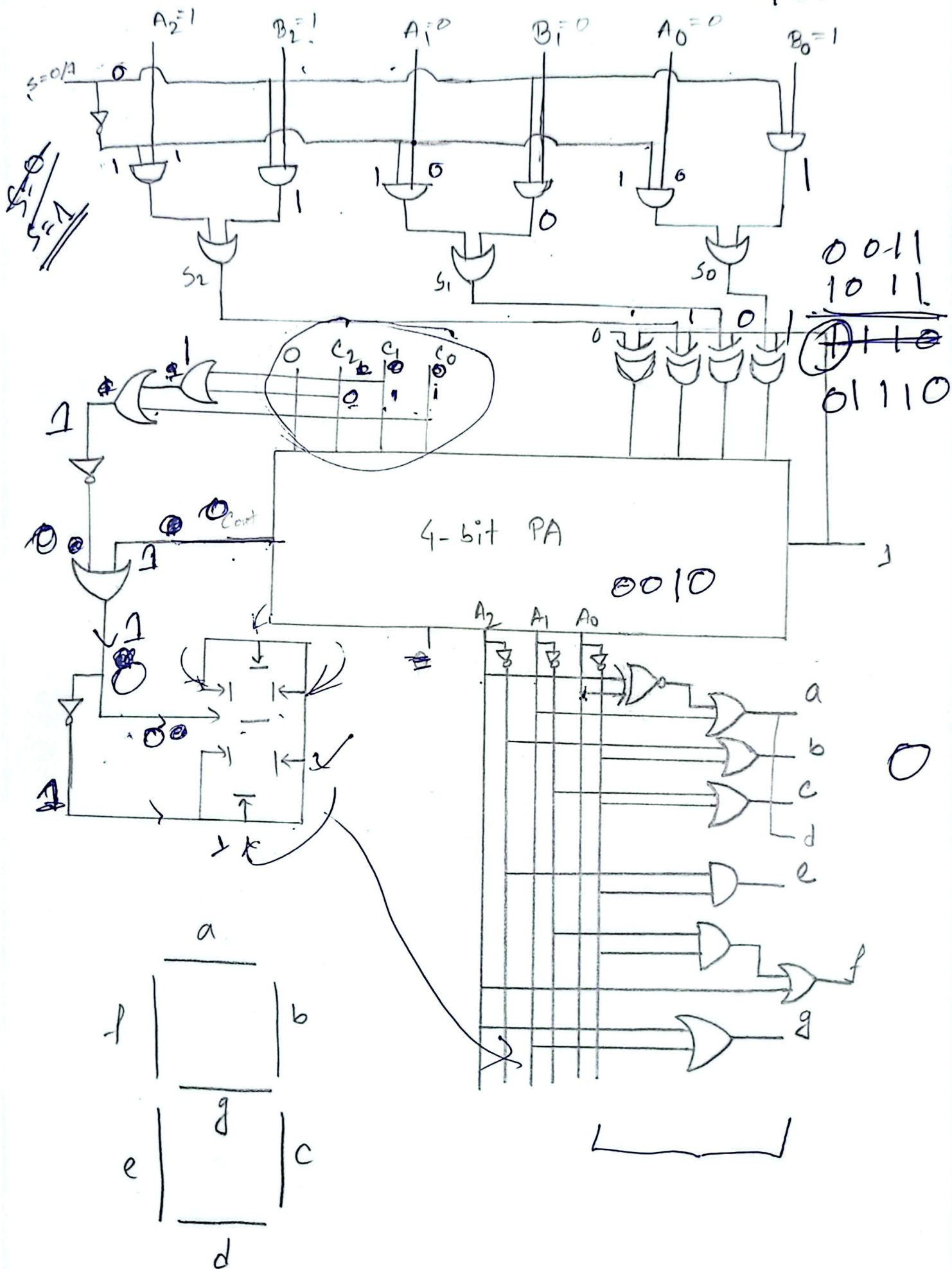


0 1 0 1

0 1 0 1
1 0 1 1



		$A_2 A_1$			
A_3	0	00	01	11	10
	1	0	1	X	X

$\rightarrow A_3 A_1$
 $\rightarrow A_2$

$$a = A_2 + A_3 \odot A_1$$

1	1	1	1
1	0	X	X

$\rightarrow A_3' A_2' + A_3 A_1'$
 $\rightarrow b = A_3' + A_1'$

1	1	1	0
1	1	X	X

$\rightarrow A_2' + A_1 = c$

1	0	1	1
0	1	X	X

$\rightarrow A_2 + A_3 A_1 + A_3' A_1' = \begin{bmatrix} A_2 + A_3 \odot A_1 \\ d \end{bmatrix}$

1	0	0	1
0	0	X	X

$\rightarrow E = A_3' A_1'$

1	0	0	0
1	1	X	X

$\rightarrow F = A_3 + A_2' A_1'$

0	0	1	1
1	1	X	X

$\rightarrow G = A_2 + A_3$