

1

4 to 1 \rightarrow mux

2 to ~~4~~ \rightarrow dec

مقادیر صحیح $\rightarrow \{0, 10\}$

$$\Sigma_m = (0, 0, 10, 10)$$

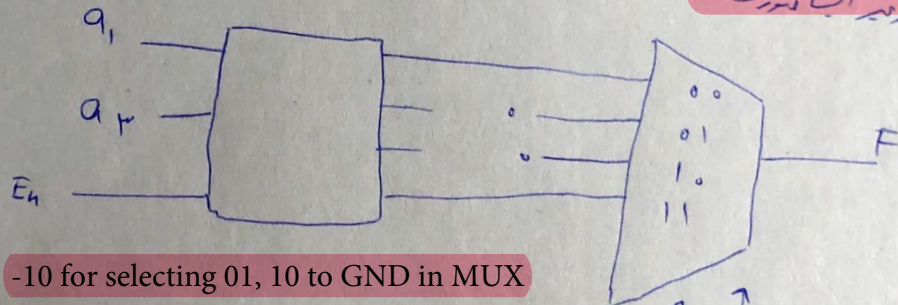
8 bit $a_7 a_6 a_5 a_4$

0 0 0 0
0 1 0 1
1 0 1 0
1 1 1 1

+10

a_7 a_6
0 0 \rightarrow 1
1 1 \rightarrow 1

در این صورت



-10 for selecting 01, 10 to GND in MUX

$$a_7 a_6 = 11 \text{ } 000 \rightarrow F=1$$