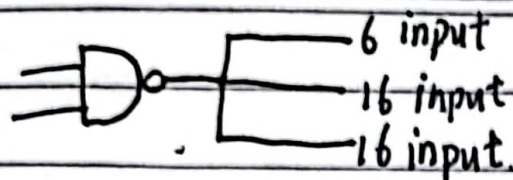
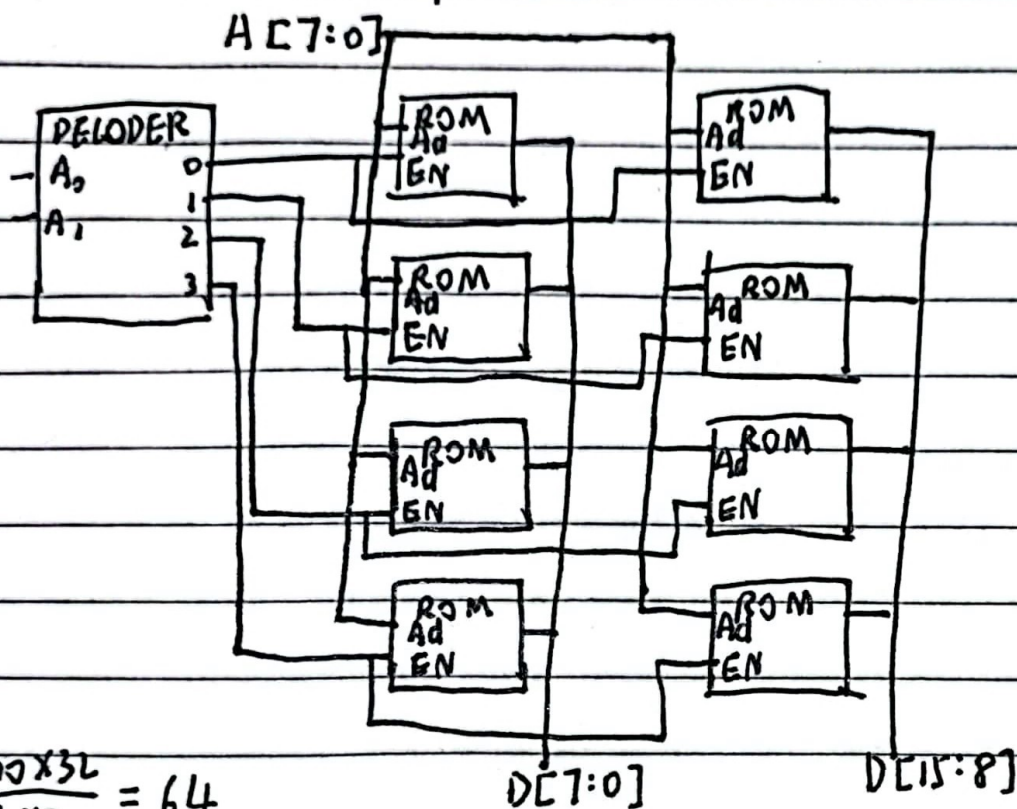


5-3.



5-4.

(a).



(b)  $\frac{4096 \times 32}{256 \times 8} = 64$

5-12.  $A = x\bar{z} + y\bar{z} + \bar{x}\bar{y}z$   
 $B = xy + yz + \bar{x}\bar{y}$   
 $C = A + xy$   
 $D = \bar{x}y + z.$