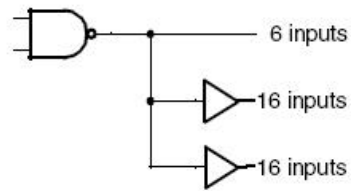


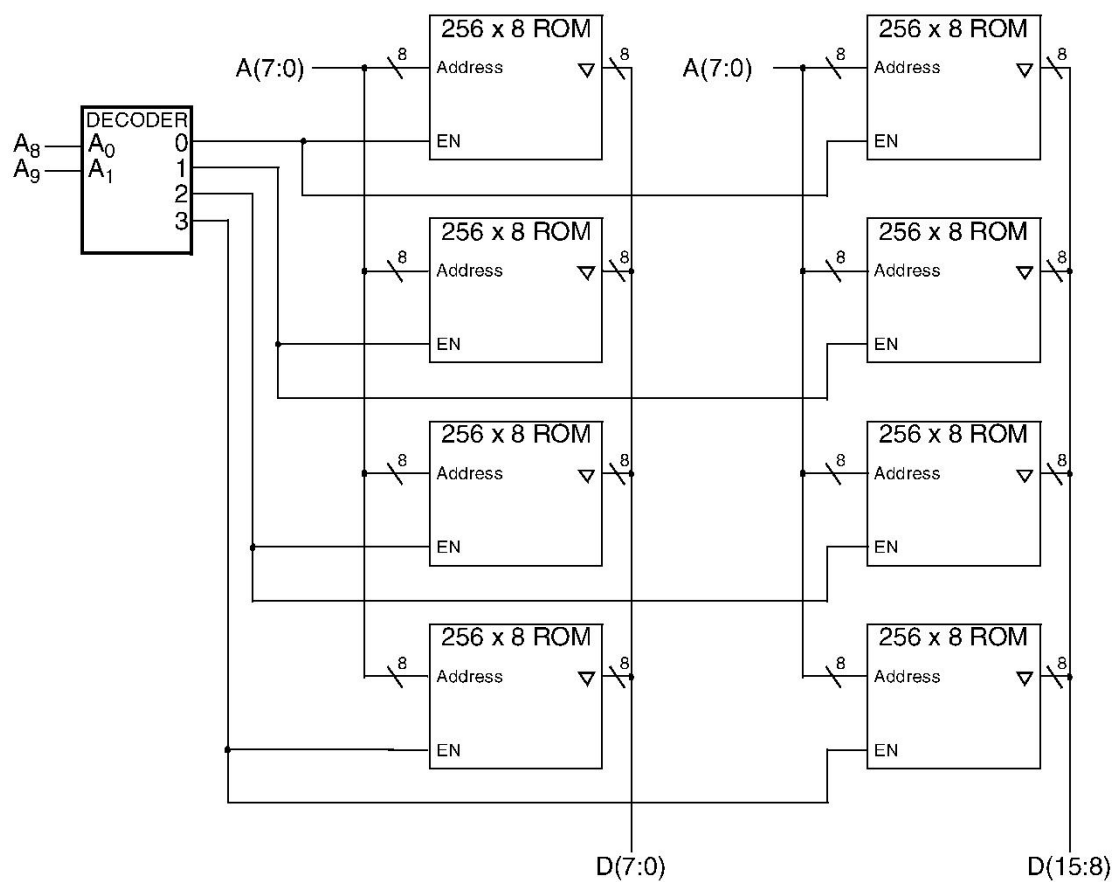
第五章布置习题参考解

5-3



5-4

(a)

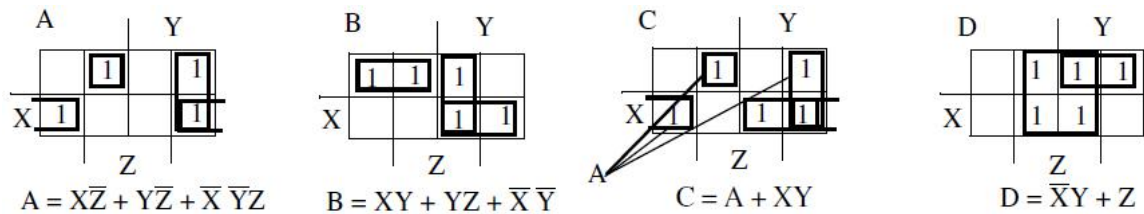


(b)

$$4K / 256 * (32 / 8) = 64$$

5-12

Figure 5-10 uses 3-input OR gates.



A, B, and D each require three or fewer product terms so can be implemented with 3-input OR gates.

C requires four terms so cannot be implemented with a 3-input OR gate. But because the first PAL device output can be used as an input to implement other functions it can be assigned to A and A can then be used to implement C using just two inputs of a 3-input OR gate.

