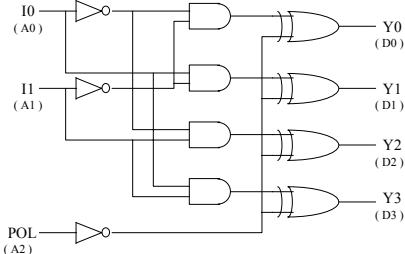


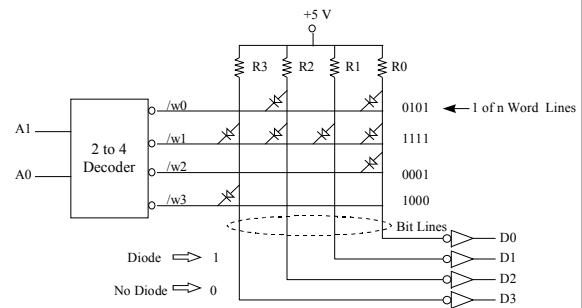
Equivalent Decoder in Discrete Logic



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Ch 11 - 1

Internal Structure of 4x4 Diode ROM

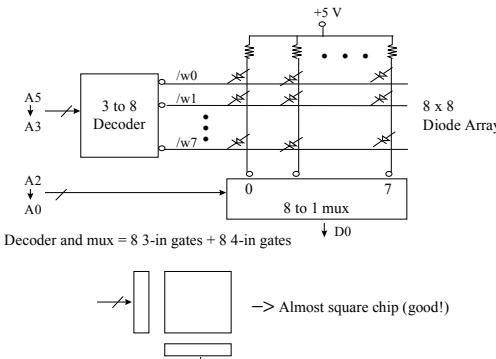


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Why use diodes?
Why not replace them with wires?

Ch 11 - 2

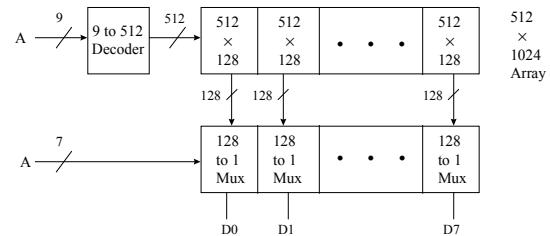
64 x 1 ROM with 2-Dimensional Decoding



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Ch 11 - 3

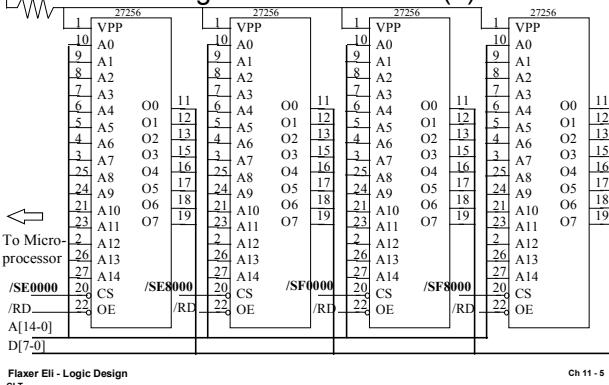
64K x 8 ROM with 2-D Decoding



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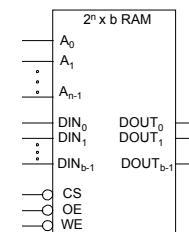
128 Kilobyte Memory System Using 32K x 8 EPROMS (1)



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Ch 11 - 5

Basic Structure of SRAM



- Address/Control/Data Out lines like a ROM (Reading)
- + Write Enable (WE) and Data In (DIN) (Writing)

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Ch 11 - 6

