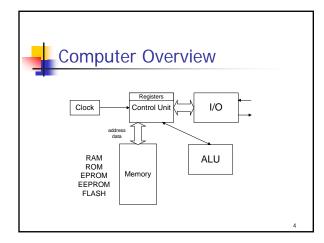




Parts of a computer

- Clock circuit usually crystal controlled, may be an RC circuit (low cost PICs, frequency drifts with humidity and temperature)
- Control Unit
- ALU Arithmetic-Logic Unit
- Memory RAM, ROM, EEPROM, flash, etc.
- I/O Input/Output; video, serial, parallel, USB, SCSI, etc.

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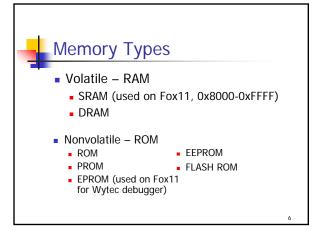




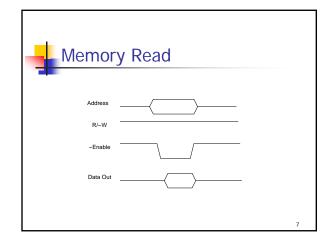
Memory Structure

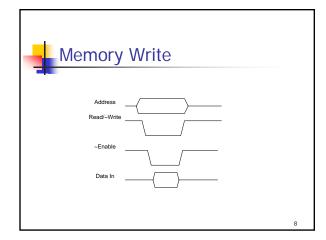
- Address bus (16-bit in 68HC11)
- Data bus (8-bit in 68HC11)
- Control (Read/~Write and Enable signals)
- A unique address references each memory byte.

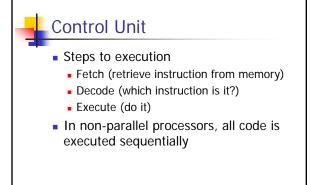
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