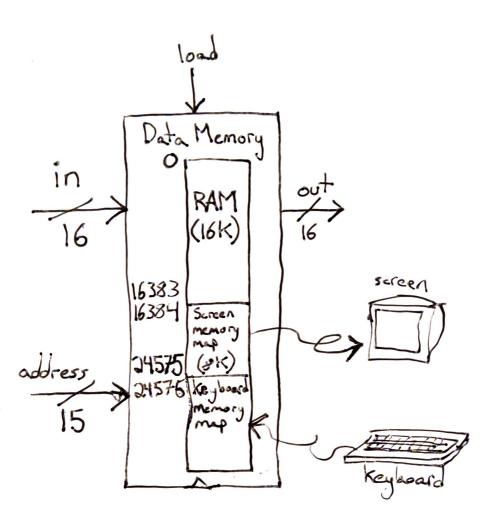
Chip Name: Memory // complete memory addr space Inputs: in[16], //what to write load, // write-enable bit address[15] // where to write Output: out[16] //memory value at the given Function: 1. out (+) = Memory [address(+)] (+) 2. If load (+-1) then Memory Laddress (+-1) (+) = in (+-1)(+ is the current time unit, or cycle) Comment: Access to address > 24576 (0x6000) is invalid. Access to any address in the range 16384...24575 (0x4000...0x5FFF) results in accessing the screen memory mas. Access to address 24576 (0x6000) results in accessing the Keyboard memory map. The behavior in these addresses is described in the Screen and Keyboard chip specifications.

## Chip Name: Memory



> in[16]
load
address[14] space address[13] 00000000 -01111 11111111 000000000000 xcconstart 111 111 Screen End 0000000000 key ourd addr[15] Keyboard