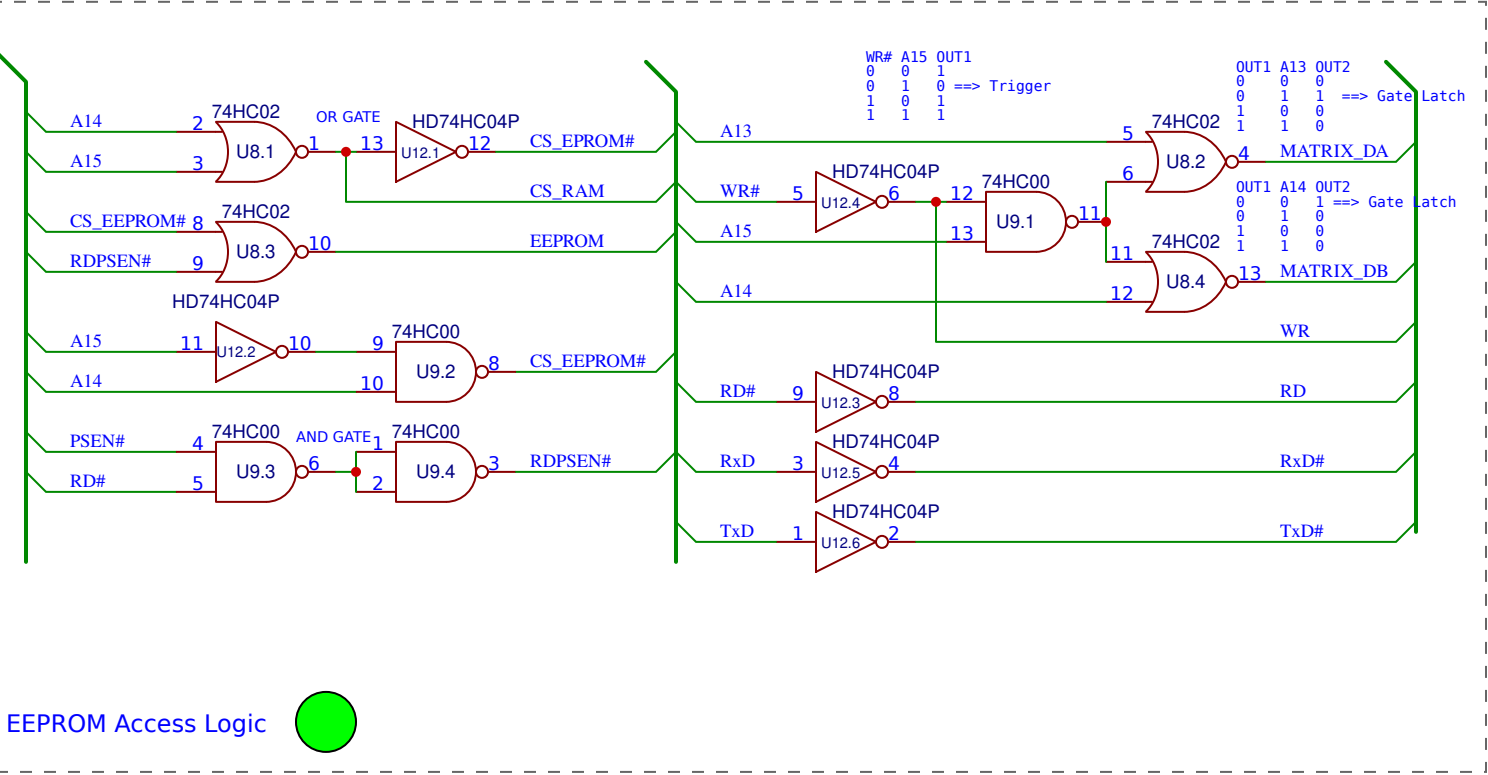


CS RAM - Access Logic
A15 A14 RD# WR# :: CS_RAM
0 0 X X 1
A15 NOR A14 = CS_RAM
Memory Range: 0000h-1FFFh
A13 Free to 8k Expansion

CS EPROM# - Access Logic
A15 A14 RDPSEN# :: CS_EEPROM#
0 1 X 0 0
A15 NAND A14 = CS_EEPROM#
A15 OR A14 = CS_EEPROM#
Memory Range: 4000h-5FFFh
A13 Free to 8k Expansion

RDPSEN# - Access Logic
PSEN# RD# WR# :: WE# OE# CE#[CS_EEPROM#]
1 0 1 1 0 1 0 Write Cycle
0 1 1 1 1 0 0 Read Cycle
0 1 1 1 1 0 0 Read Cycle (exec)
PSEN# AND RD# = RDPSEN#

MAIN CPU 8031 CONTROLLER



EEPROM Access Logic

