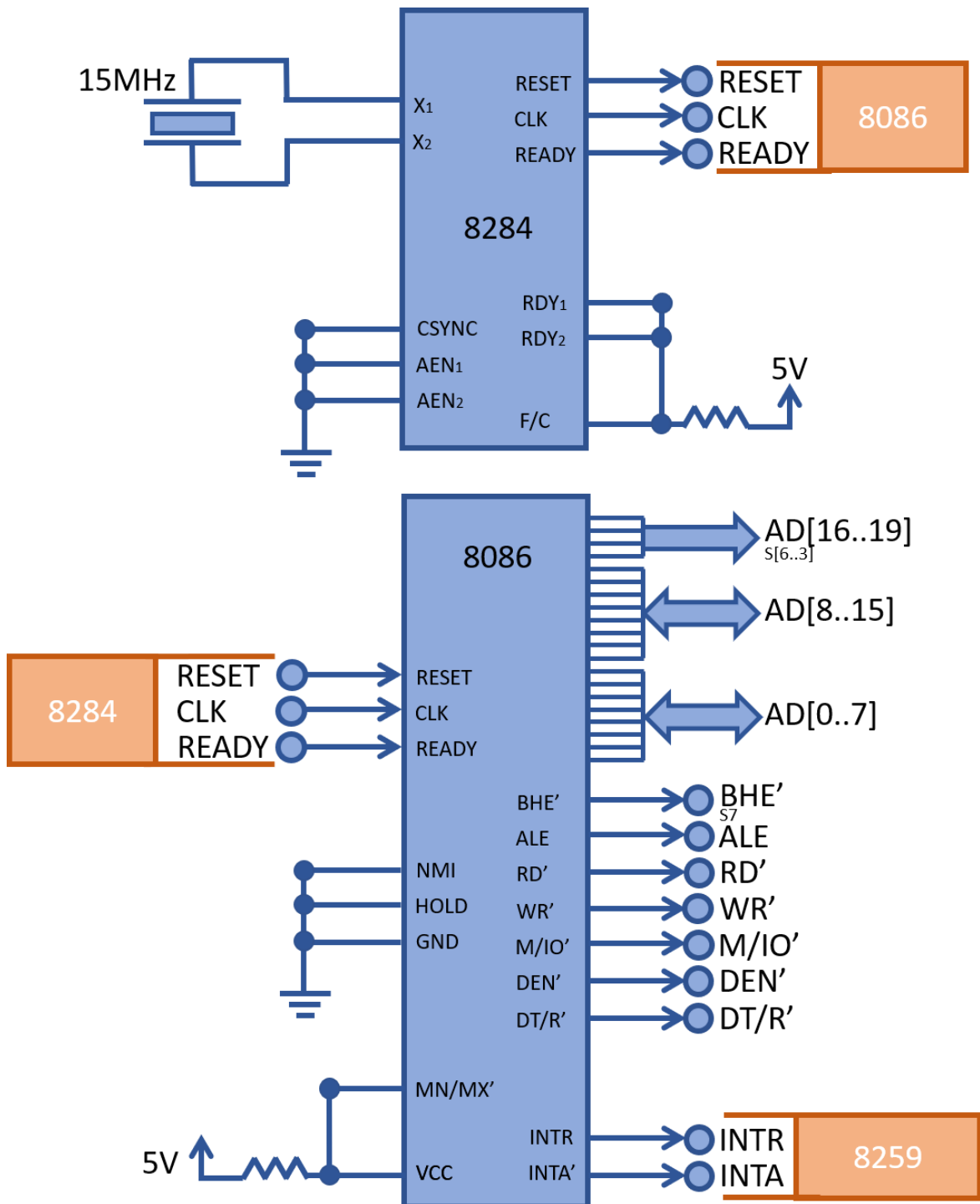
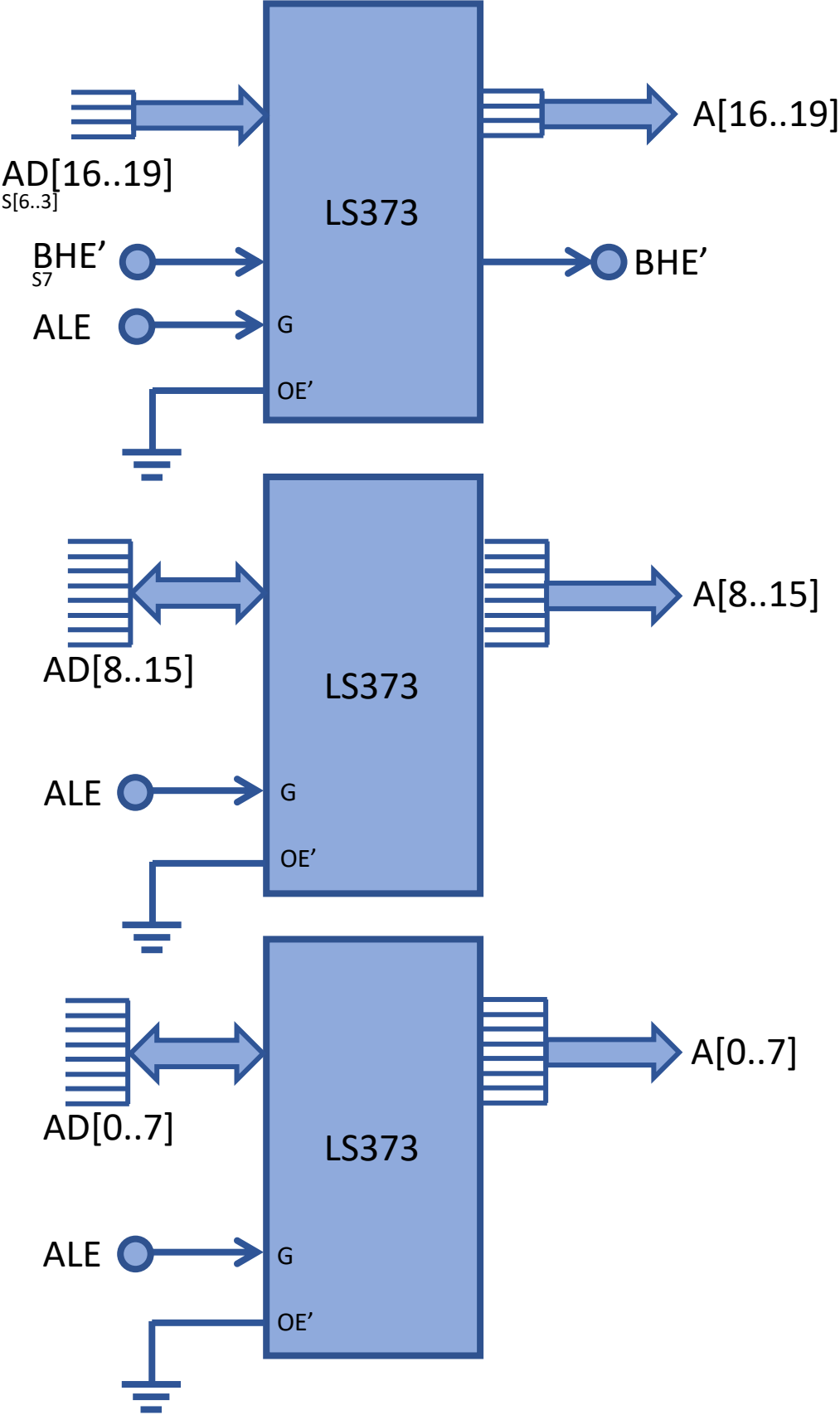


DESIGN

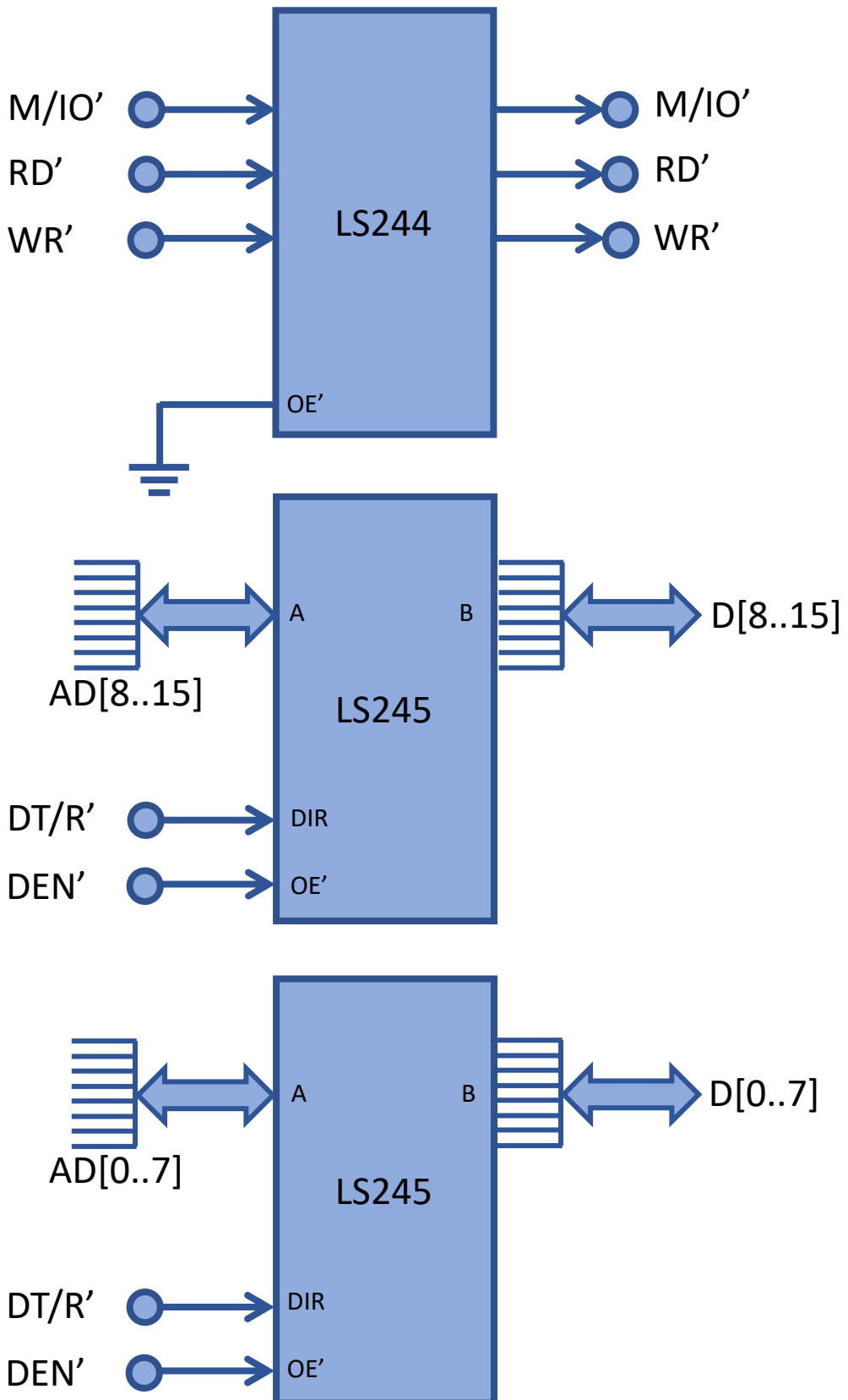
Microprocessor 8086 and Clock Generator 8284



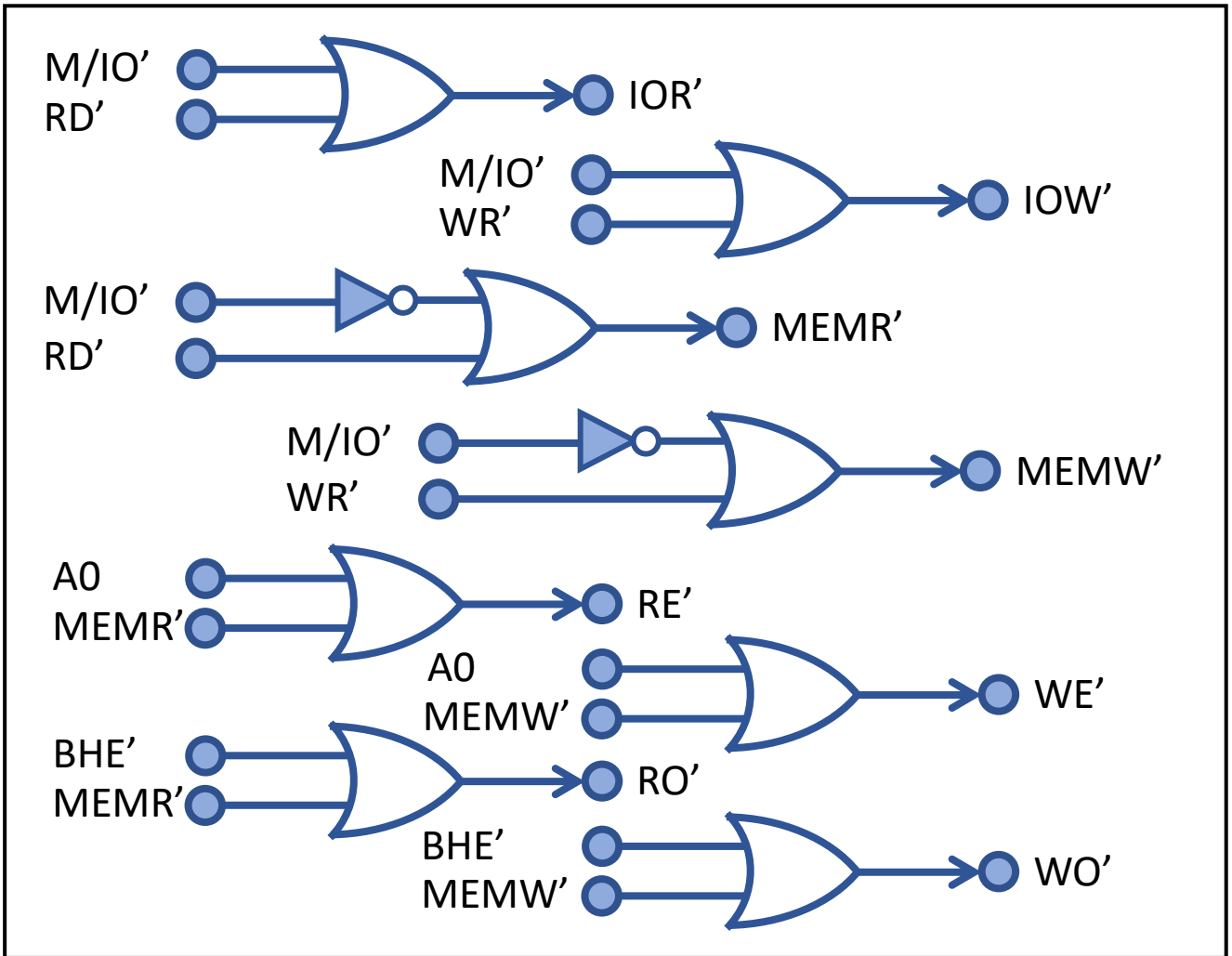
System Bus (Address Bus)



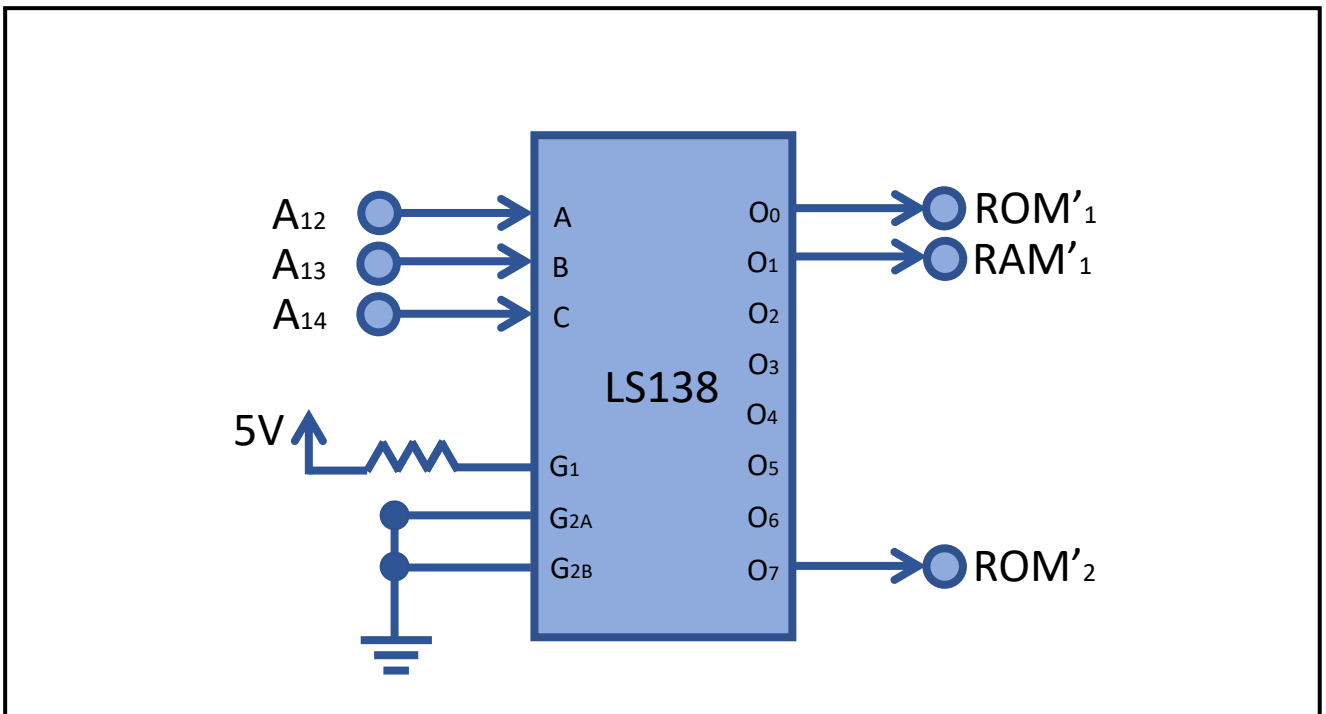
System Bus (Control bus and Data Bus)



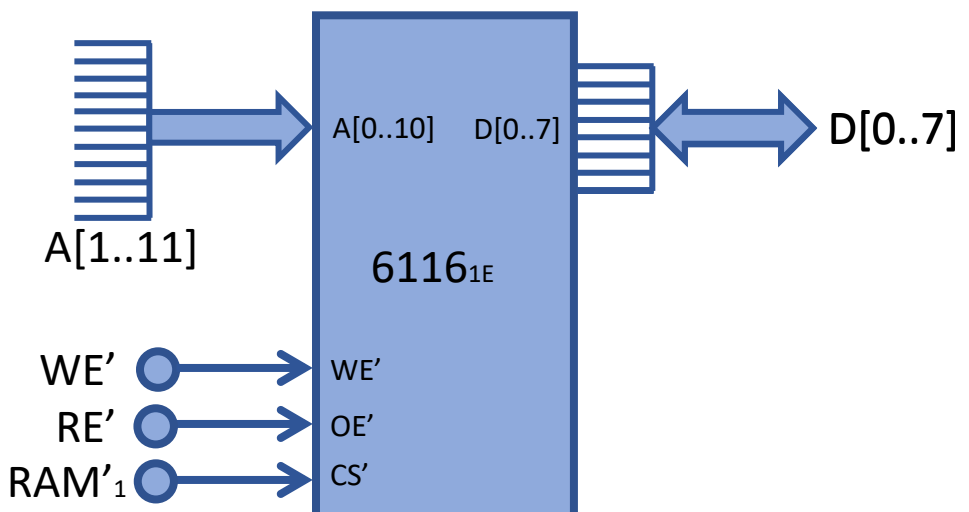
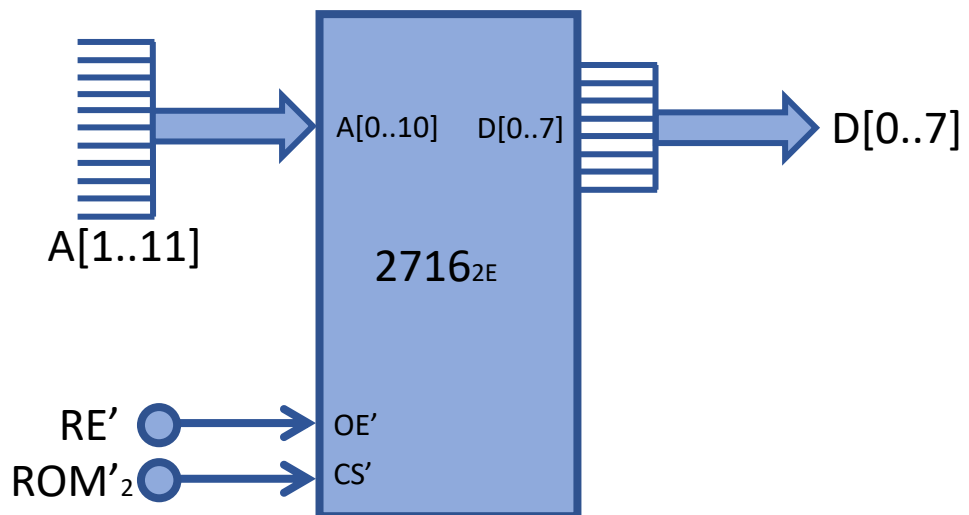
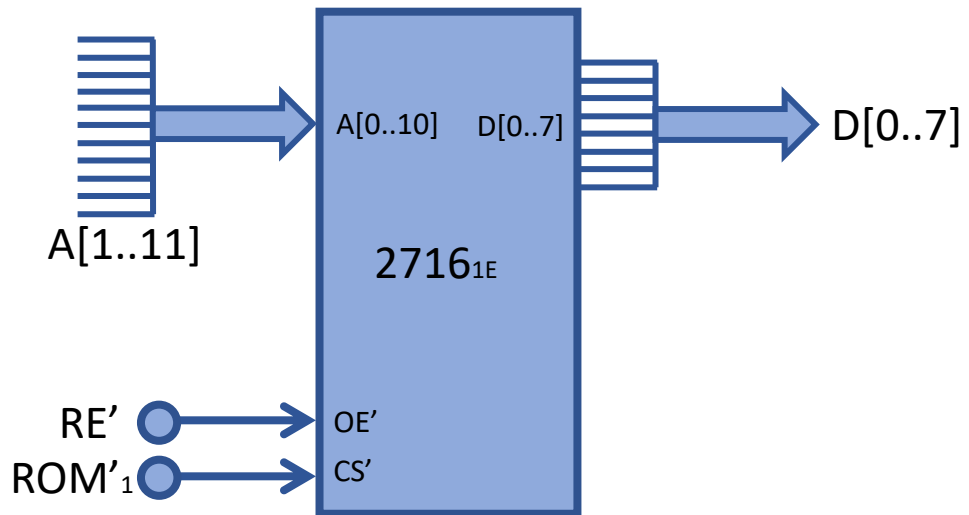
Control Signals



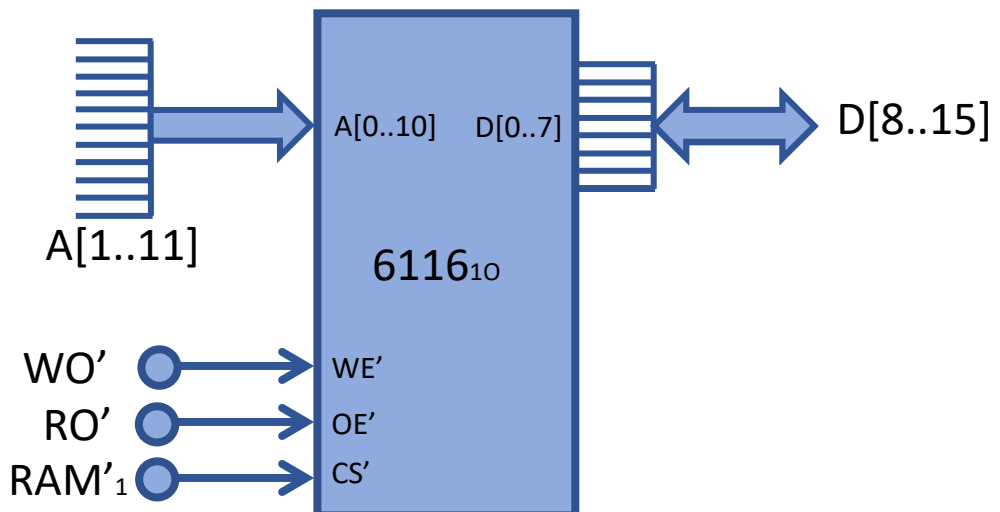
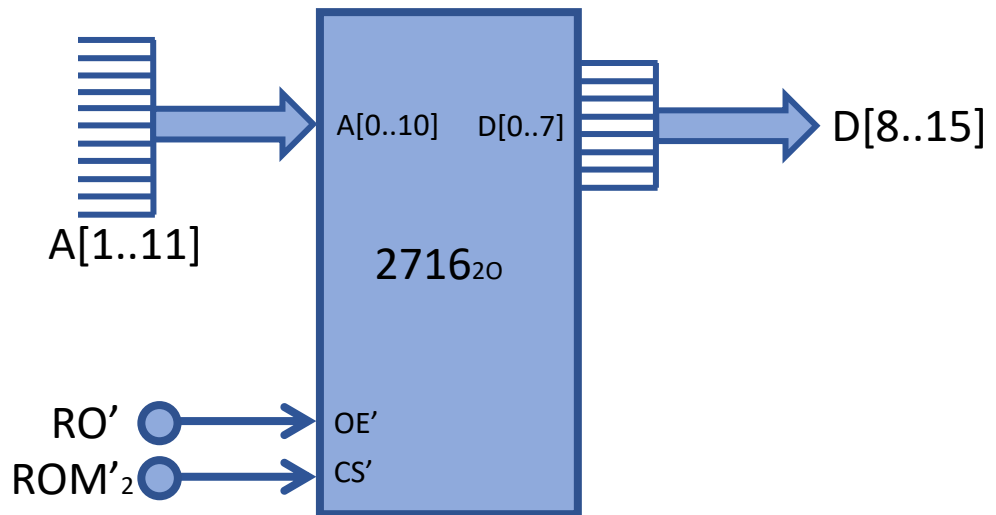
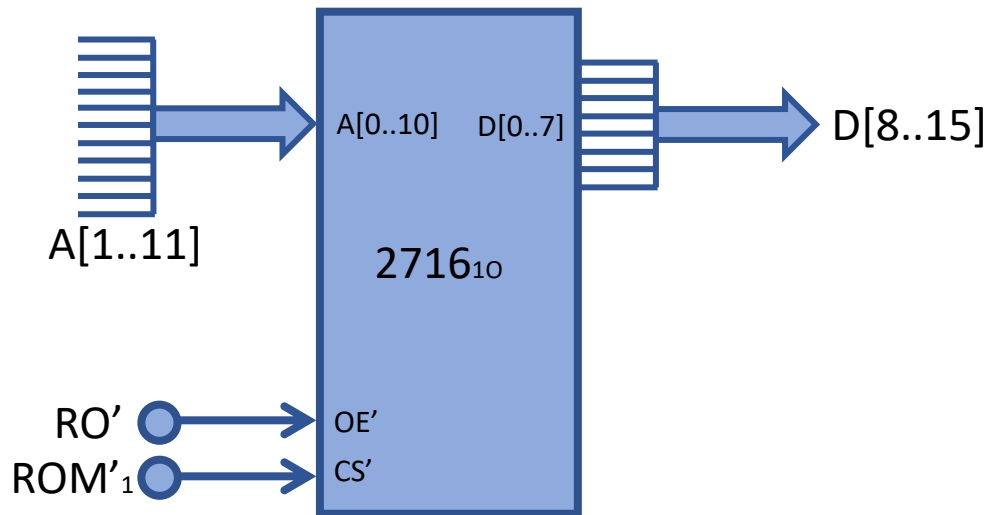
Memory Decoding



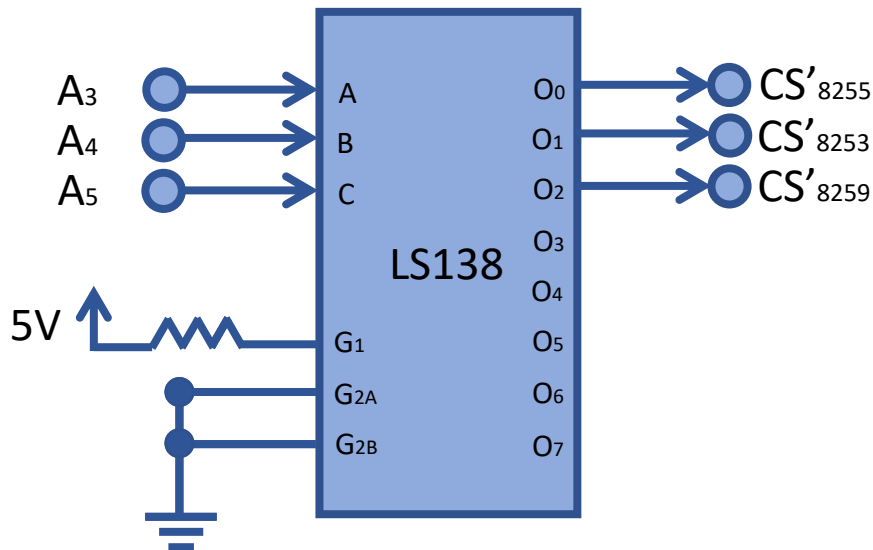
Memory Interfacing (Even Addresses)



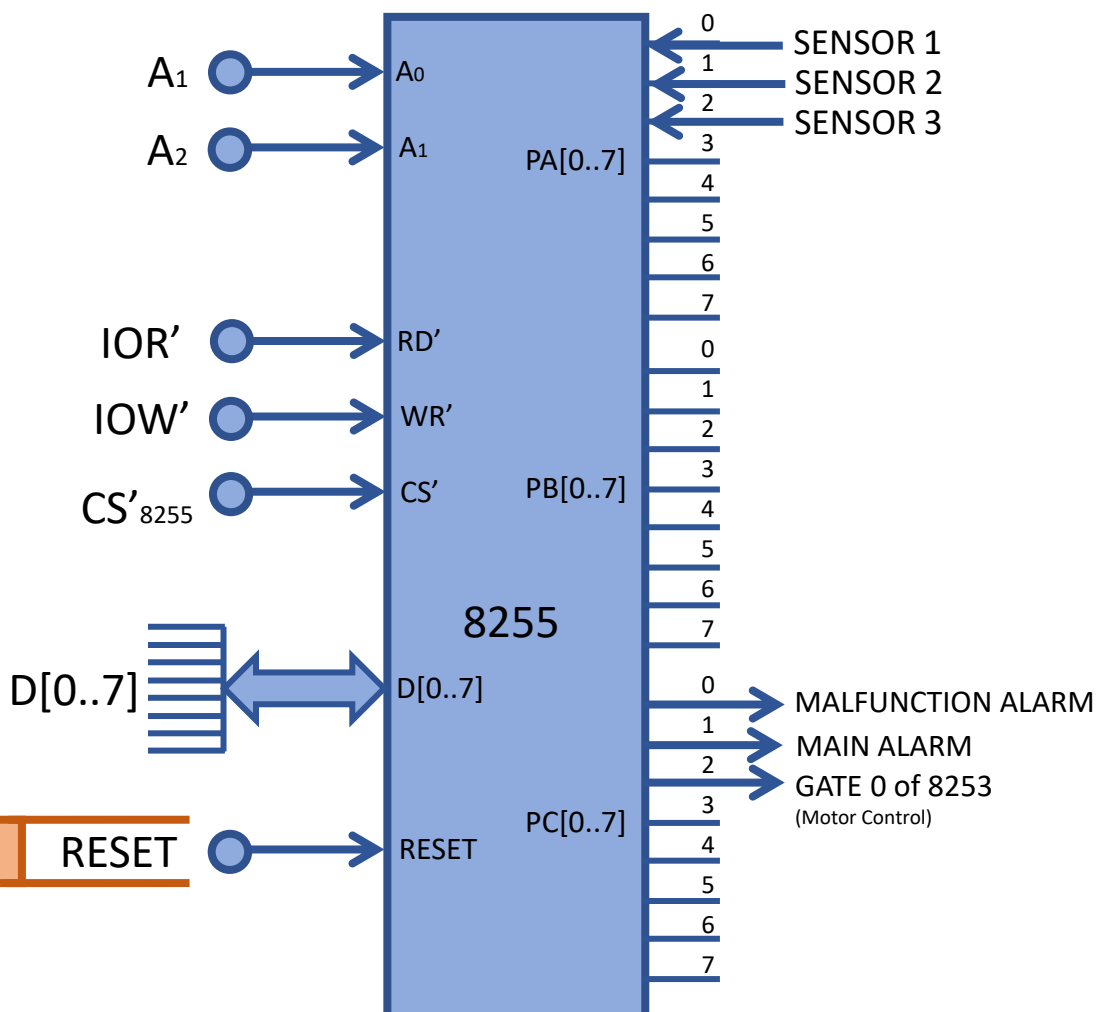
Memory Interfacing (Odd Addresses)



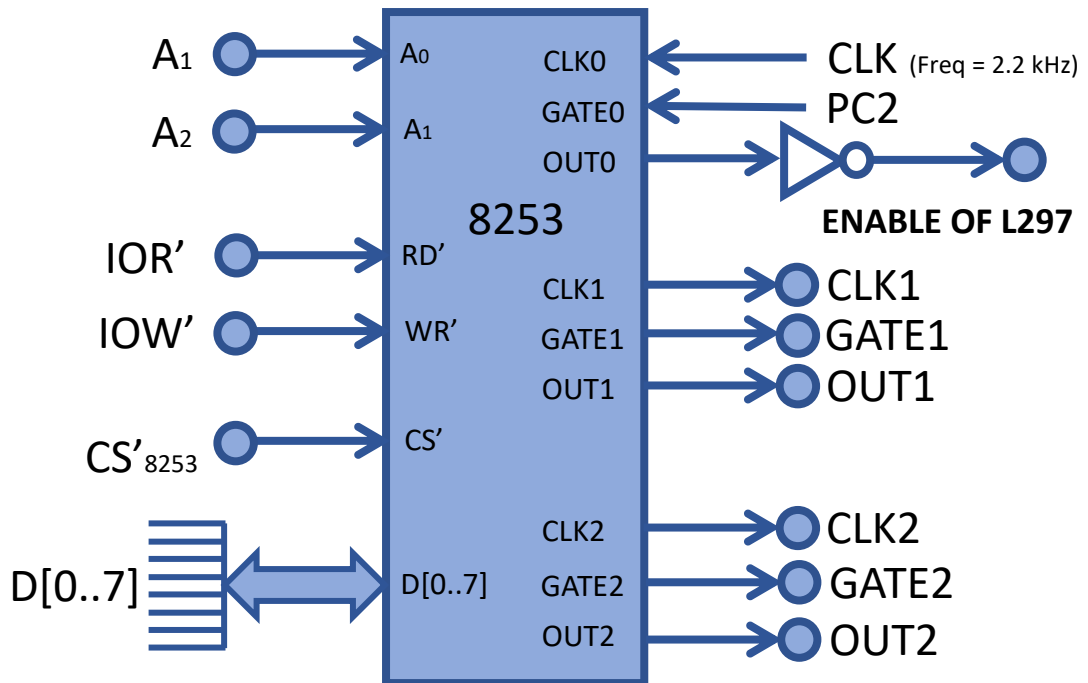
I/O Decoding



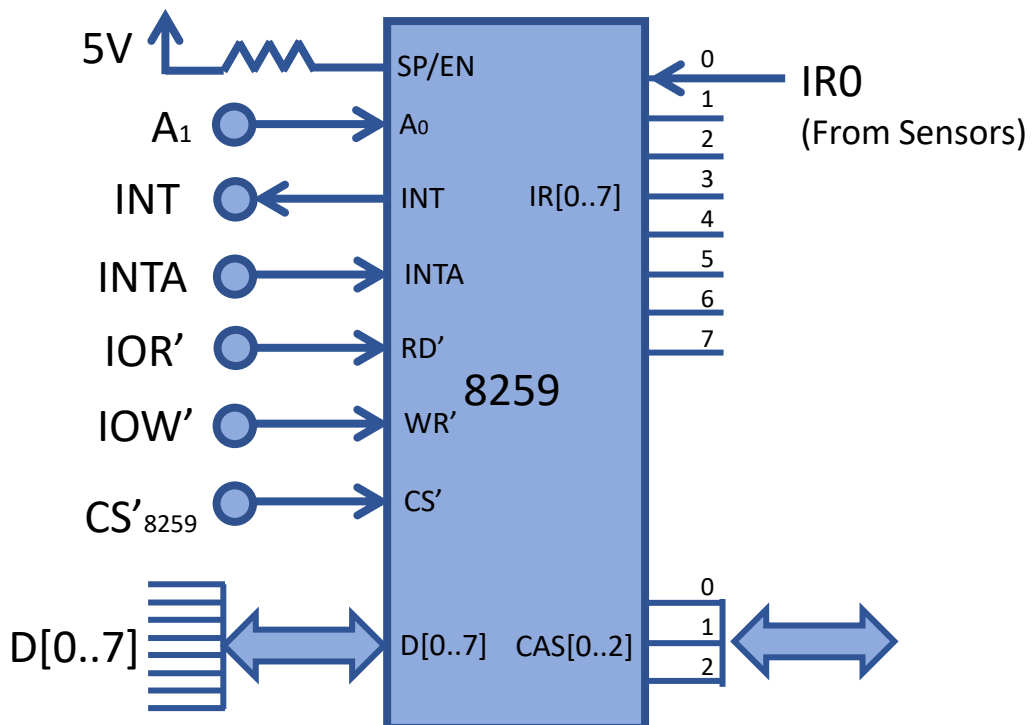
Interface to 8255



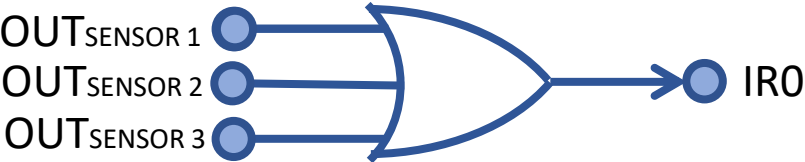
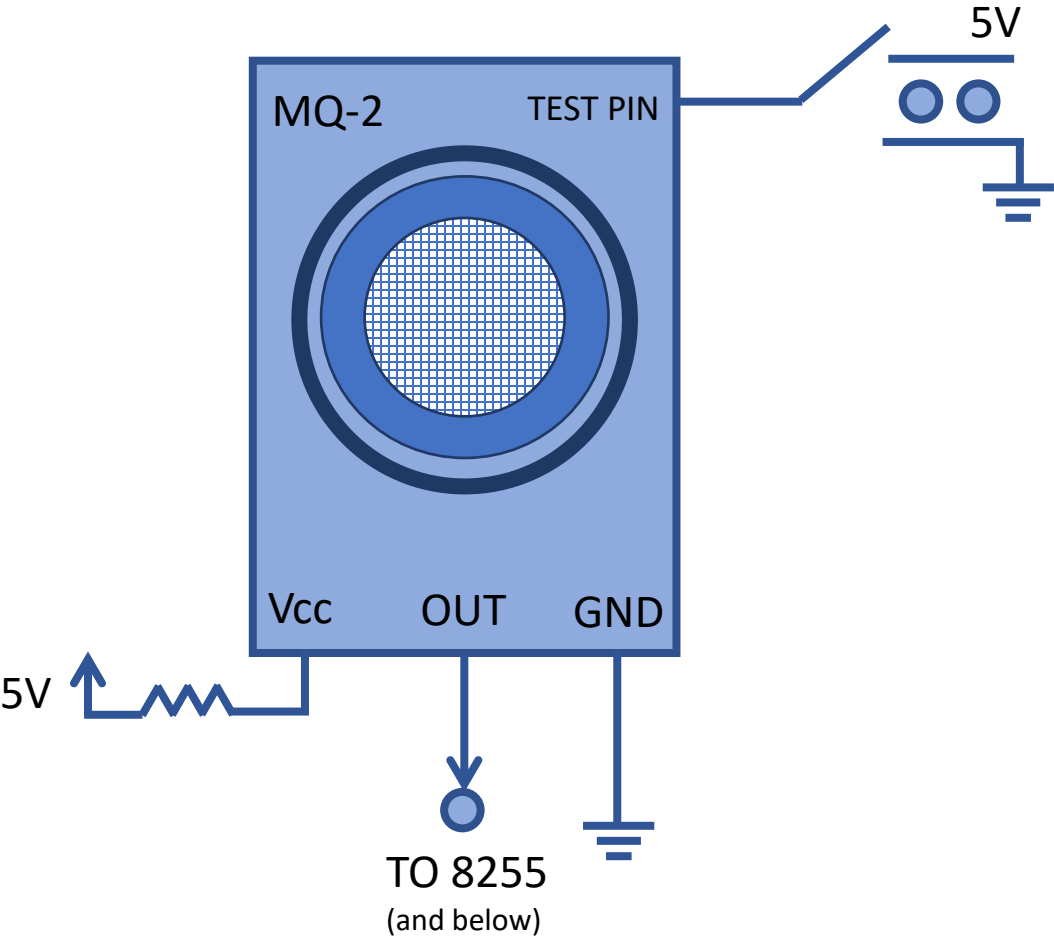
Interface to 8253



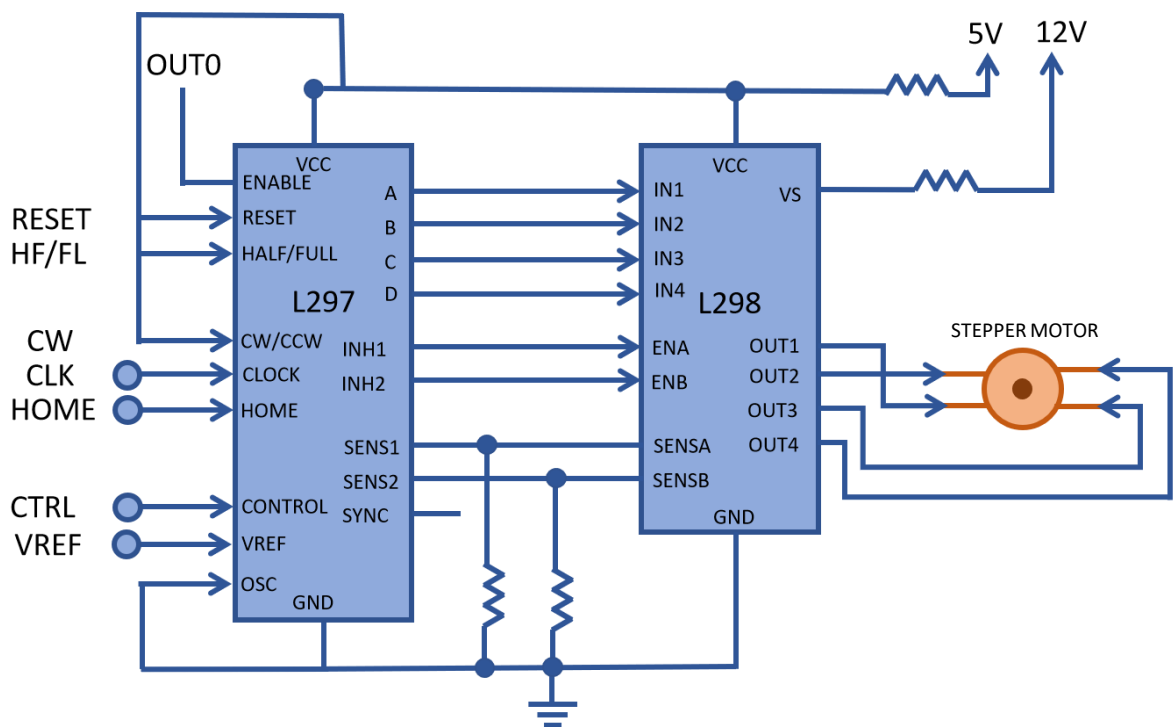
Interface to 8259



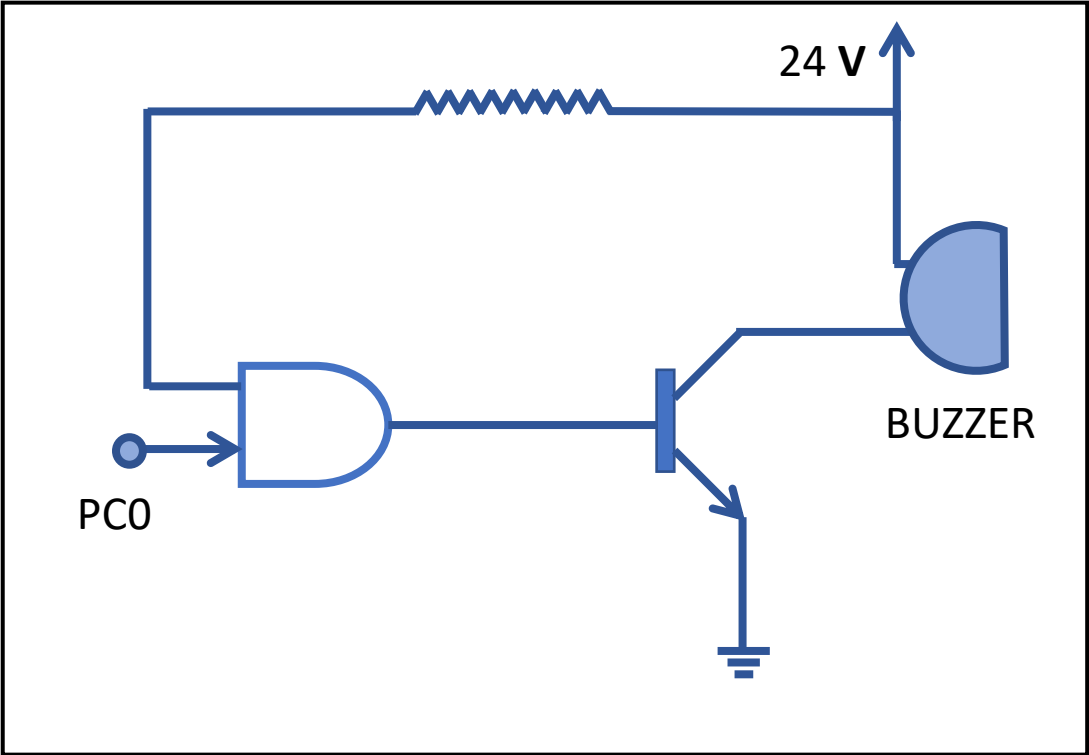
MQ-2 Smoke Sensor



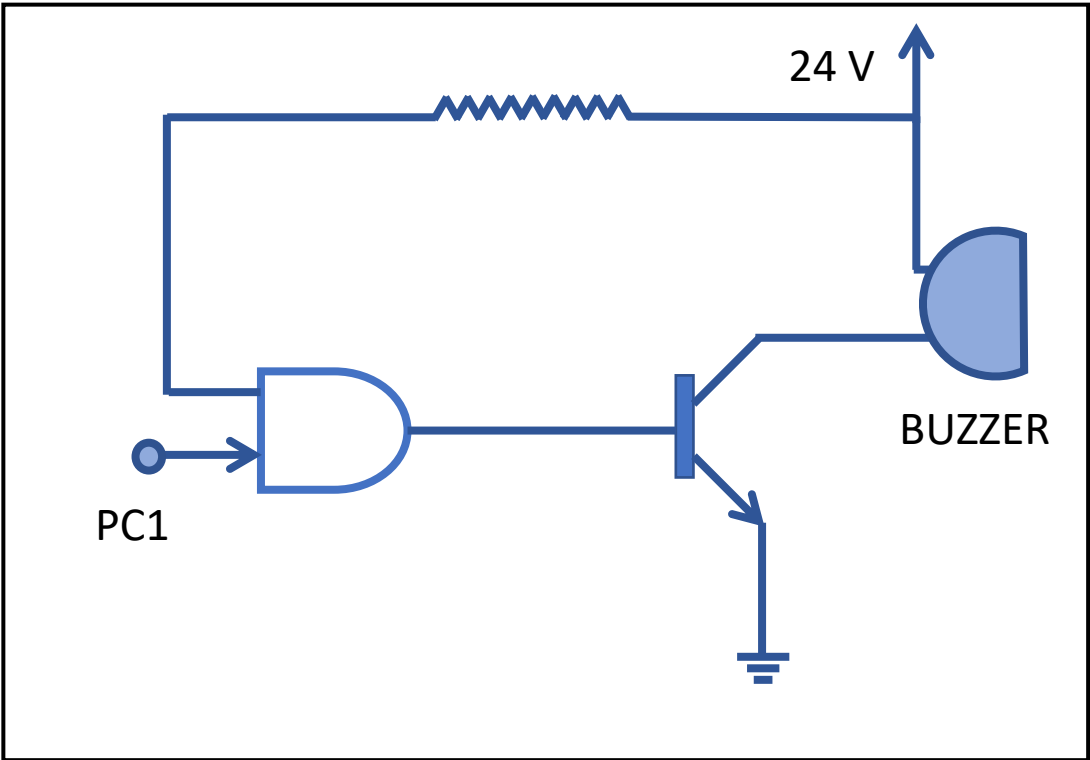
Stepper Motor Connections With L297 and L298



Malfunction Alarm Circuit



Main Alarm Circuit



Solenoid Valve Circuit

