



EGC221

Class Notes

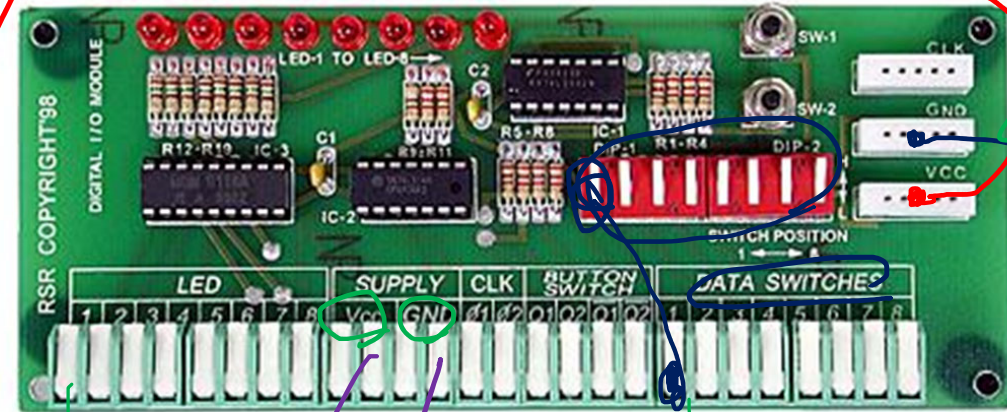
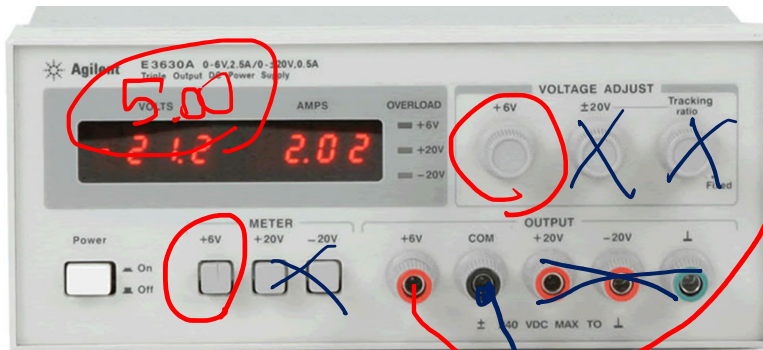
2/8/2023



Baback Izadi

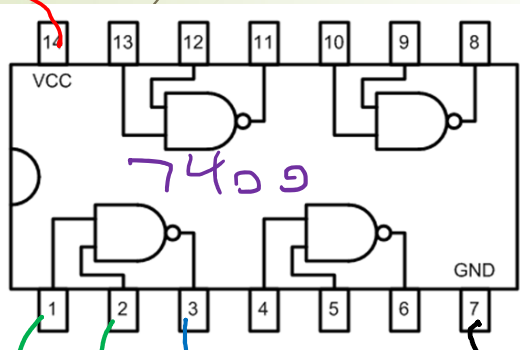
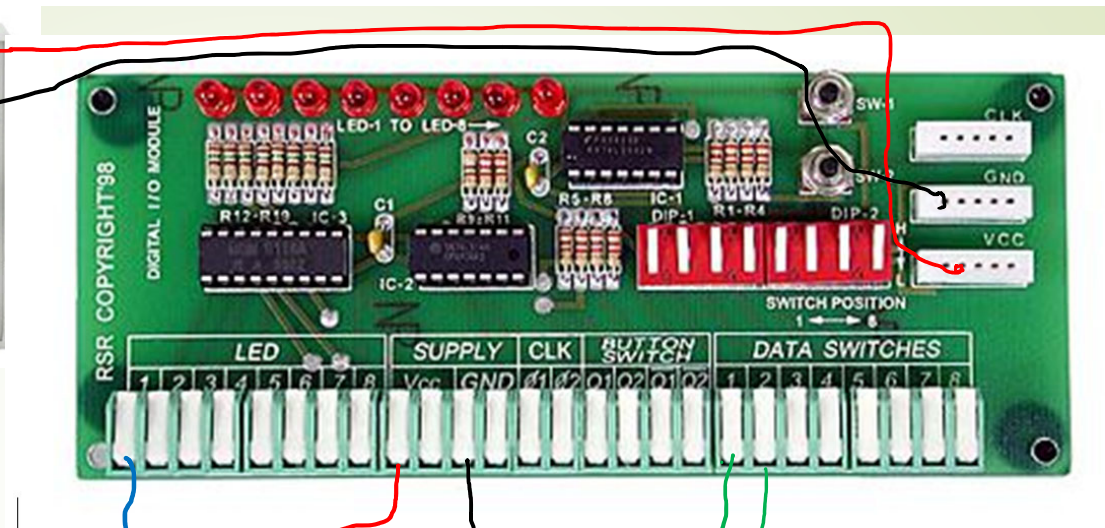
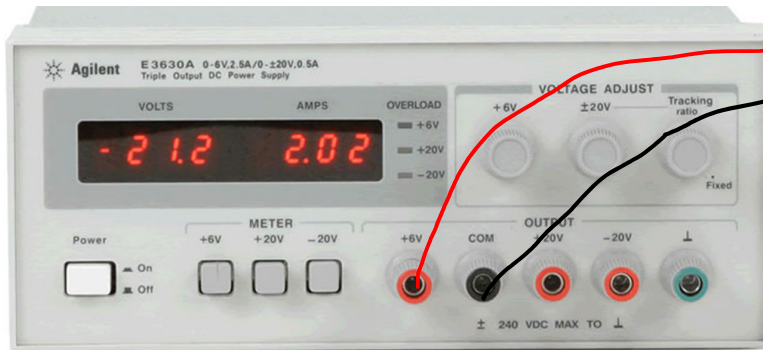
Division of Engineering Programs

bai@engr.newpaltz.edu



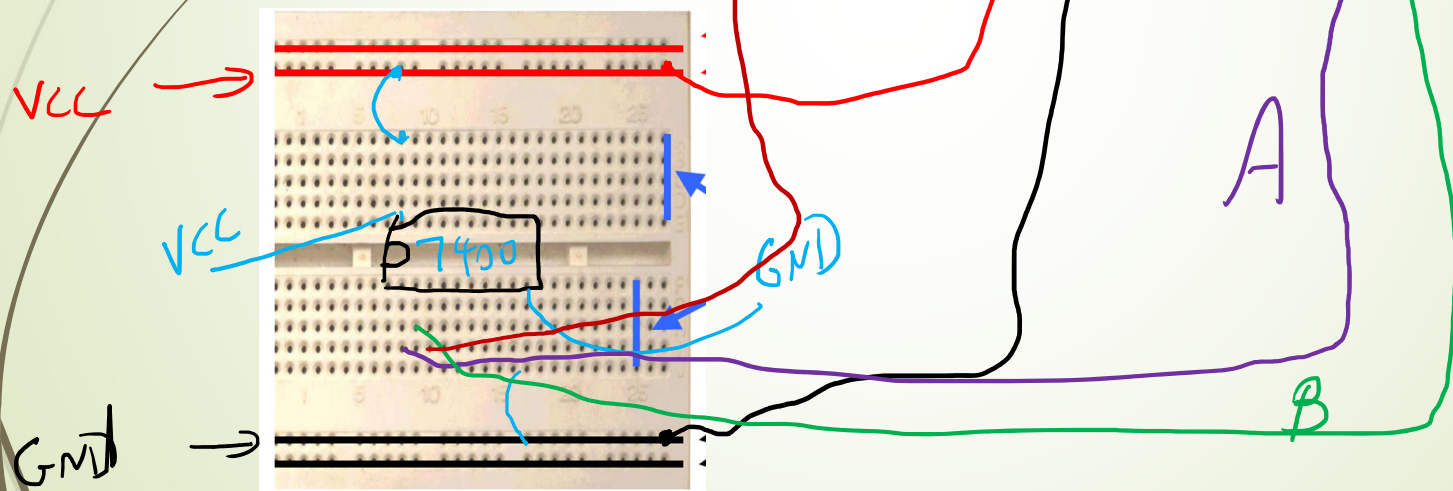
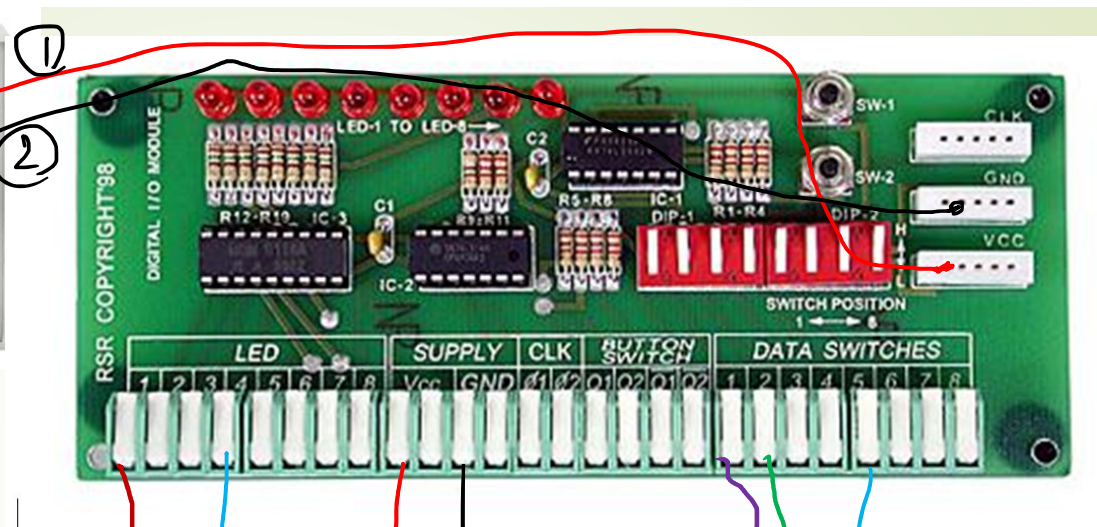
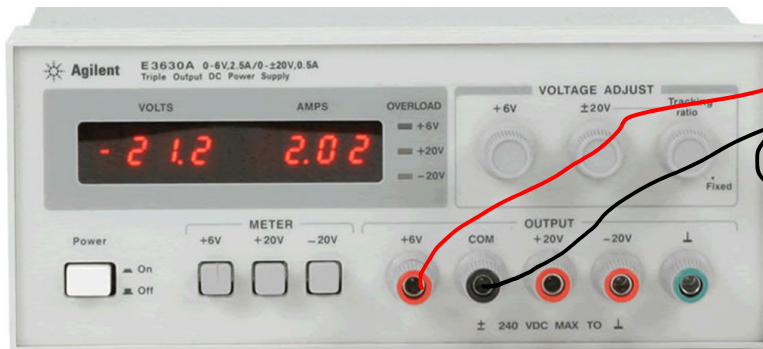
Power
I/O
board

used to power up
your circuit.



A

B



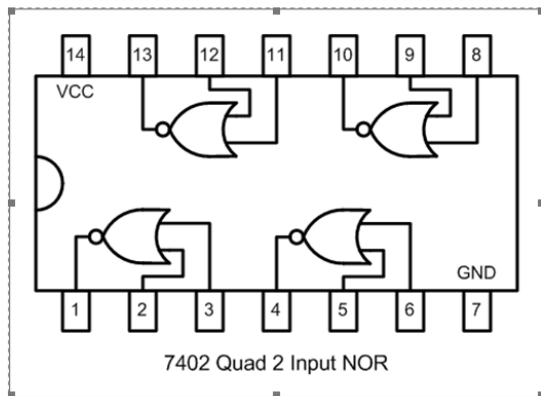


Figure 11. 7402 Quad 2-input NOR

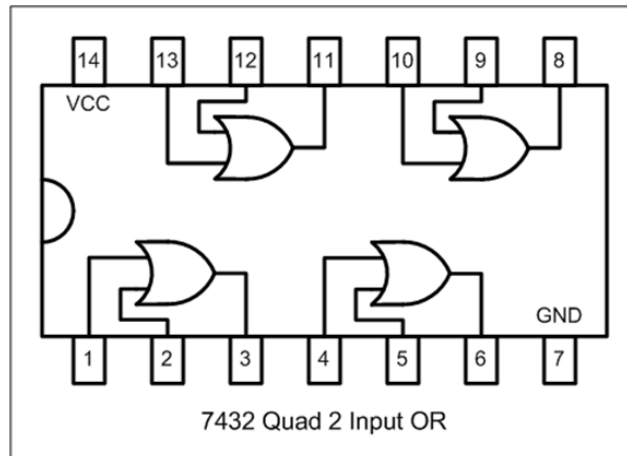


Figure 9. 7432 Quad 2-input OR

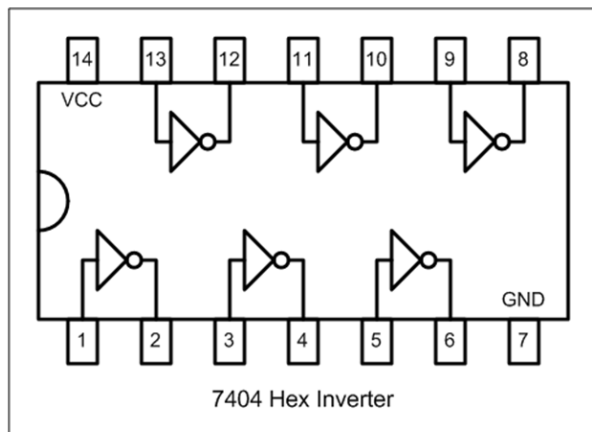


Figure 7. 7404 Hex Inverter

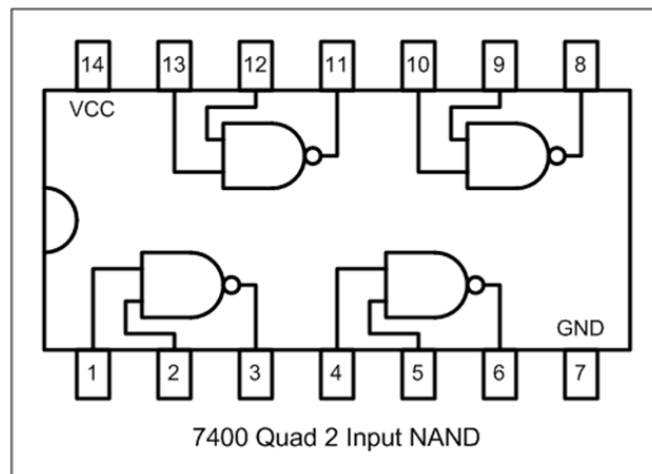
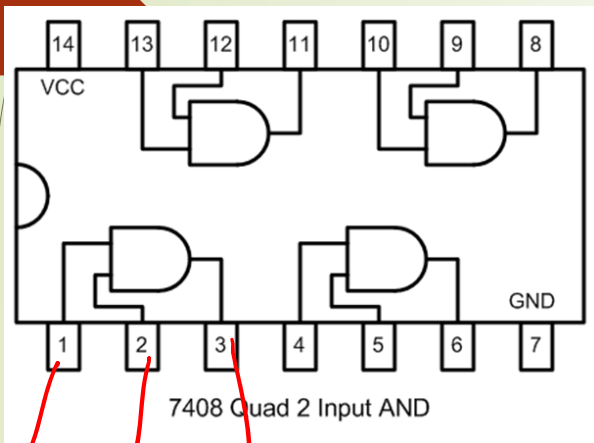


Figure 5. 7400 Quad 2-input NAND



Handwritten notes for the 7408 diagram:
 $F = AB$
 A B

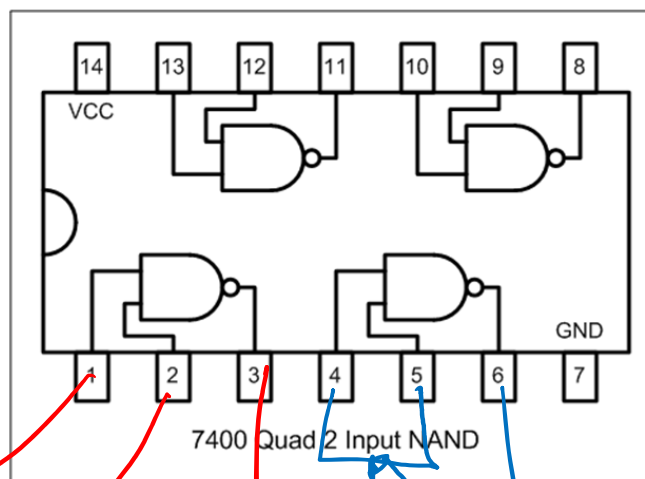
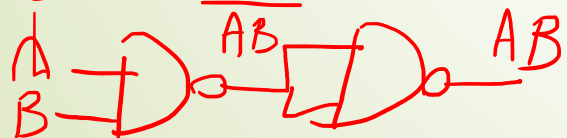
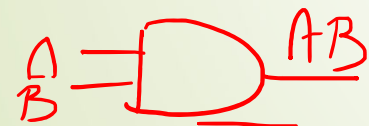


Figure 5. 7400 Quad 2-input NAND

Handwritten notes for the 7400 diagram:
 A B

Handwritten note: ~~AB~~

Handwritten note: AB