

# Common Circuit Symbols

Networks and Embedded Software

Module 3.2.3 (Addendum)

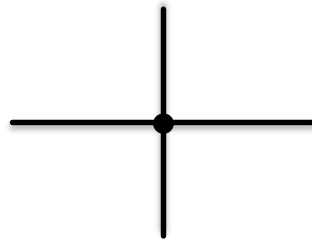
by Wolfgang Neff

# Circuit Symbols (1)

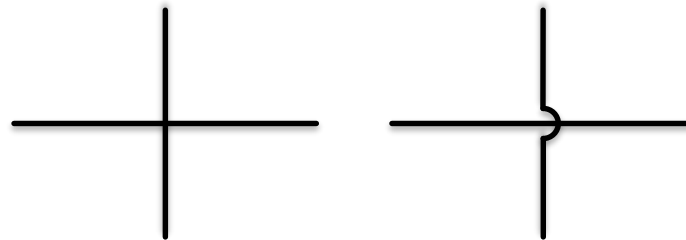
- Electrical Wire



- Connected Wires

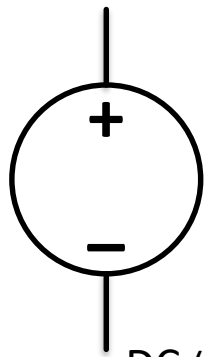


- Not Connected Wires

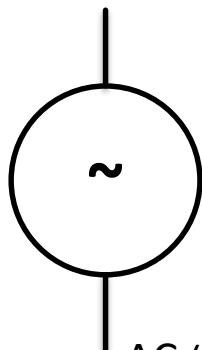


# Circuit Symbols (2)

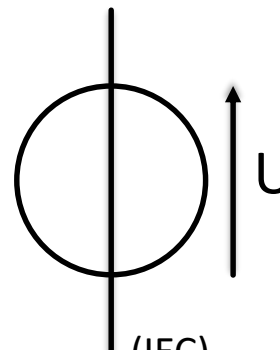
- Voltage Source



DC (IEEE)



AC (IEEE)

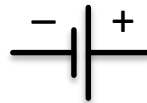


(IEC)

DC: =

AC: ~

- Battery



# Circuit Symbols (3)

- Ground



- Switch



Closed Switch



Open Switch



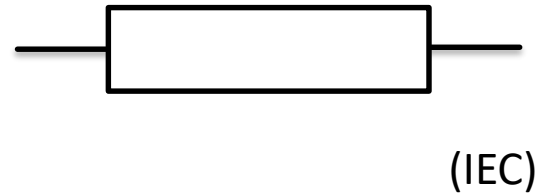
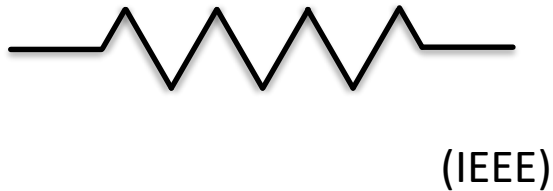
Open Push-Button



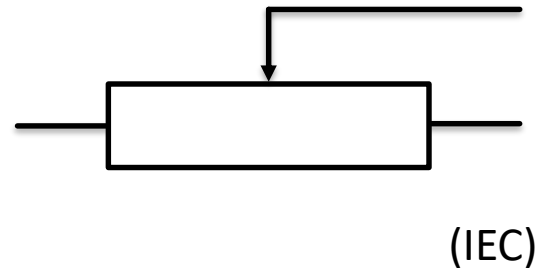
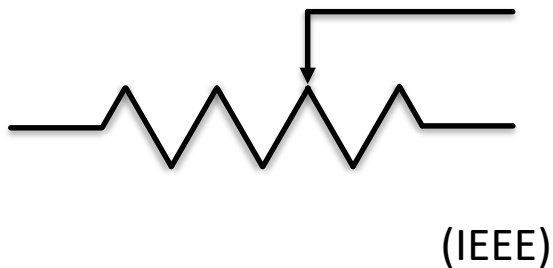
Closed Push-Button

# Circuit Symbols (4)

- Resistance

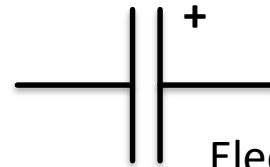
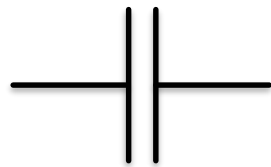


- Potentiometer



# Circuit Symbols (5)

- Capacitor



Electrolytic  
Capacitor  
(polarized)

- Inductor

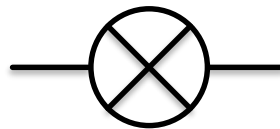


# Circuit Symbols (6)

- Fuse

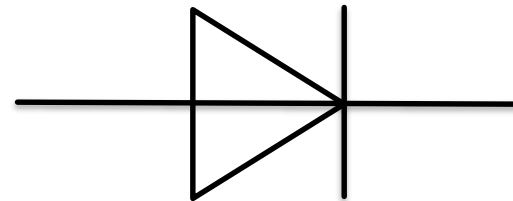
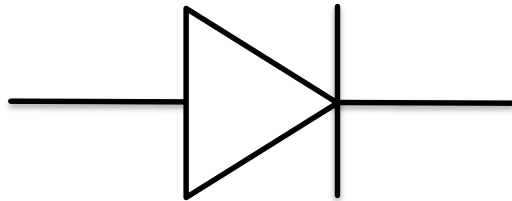


- Lamp

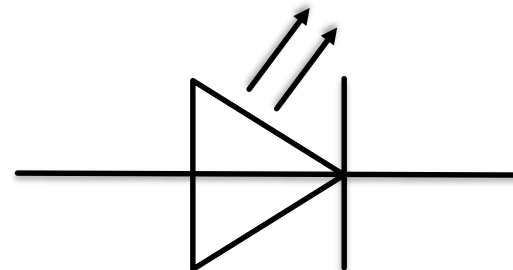
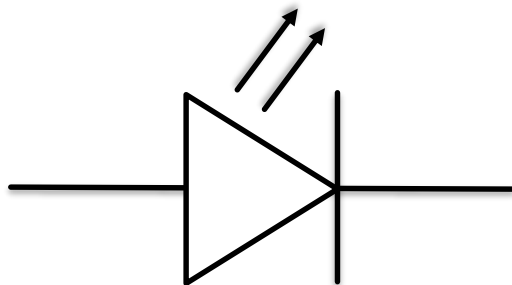


# Circuit Symbols (7)

- Diode



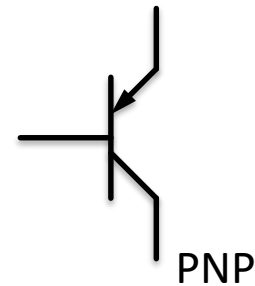
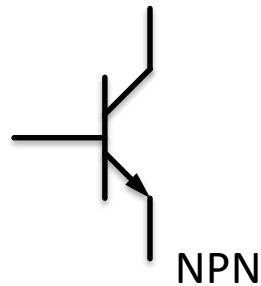
- LED



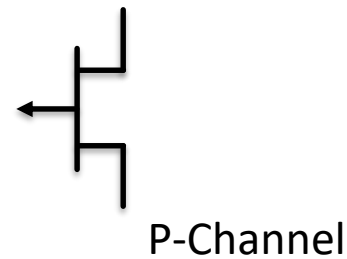
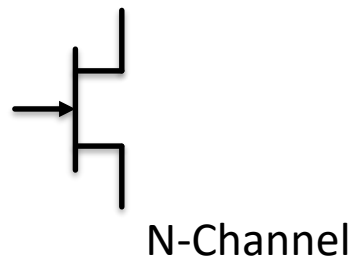


# Circuit Symbols (8)

- Transistor

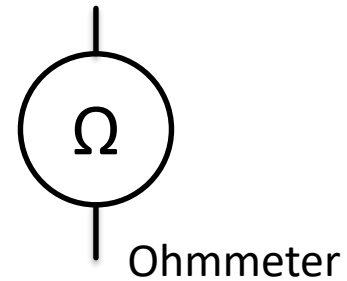
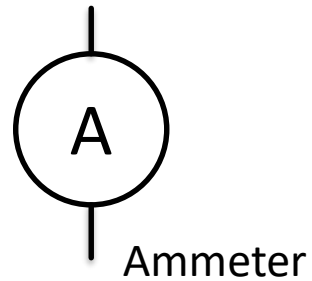
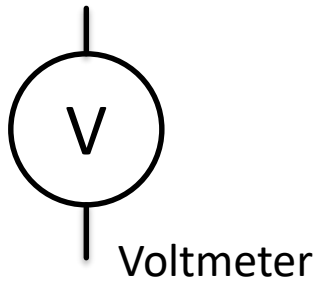


- MOSFET



# Circuit Symbols (9)

- Meters



- Miscellaneous

