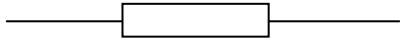


Components

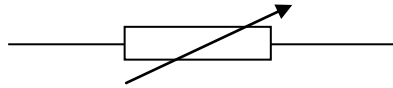
You will need to know these components:

Passive Components

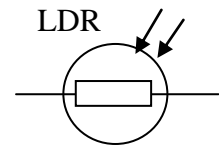
Resistor



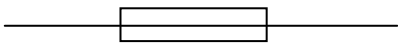
Variable Resistor



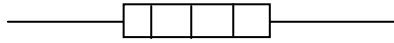
LDR



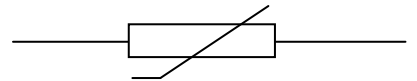
Fuse



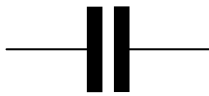
Heater



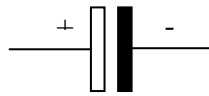
Thermistor



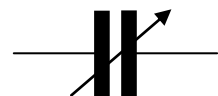
Capacitor (Non electrolytic)



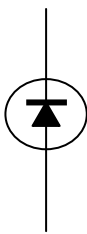
Capacitor (Electrolytic)



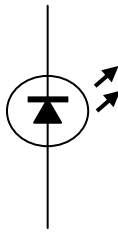
Capacitor (Variable)



Diode



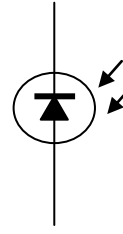
LED



Zener



Photodiode

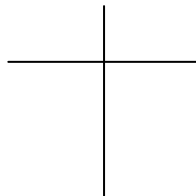


Power Supplies and Connections

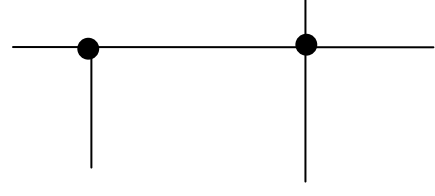
Conductor (wire)



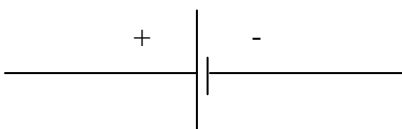
Crossing (no junction)



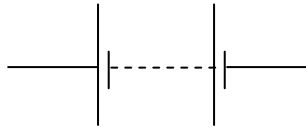
Junctions



Single cell



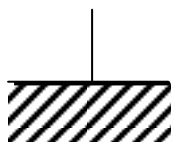
Battery of Cells



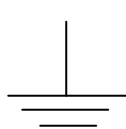
Power Source



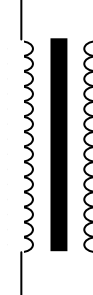
Ground (to Chassis)



Ground (to Earth)

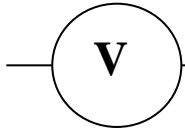


Transformer

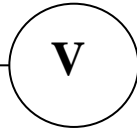


Measuring Equipment

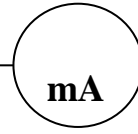
Voltmeter



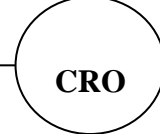
Ammeter



Milliammeter

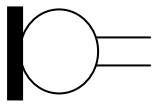


CRO



Input Devices

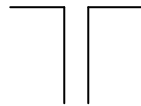
Microphone



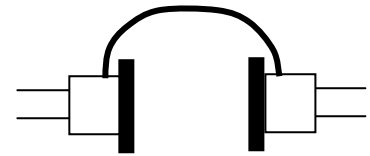
Aerial



Dipole Aerial

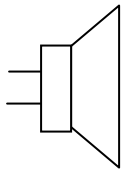


Headset

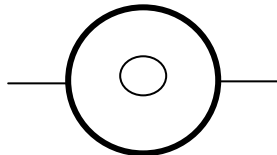


Output Devices

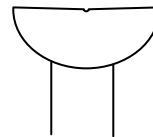
Loudspeaker



Piezo Transducer



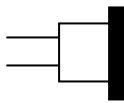
Buzzer



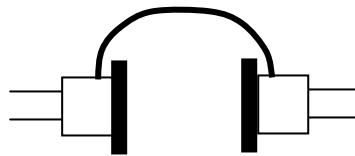
Bell



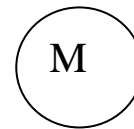
Earpiece



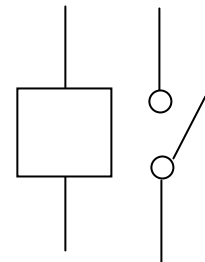
Headset



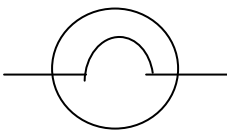
Motor



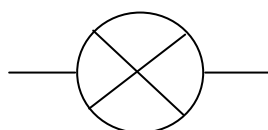
Relay



Filament lamp

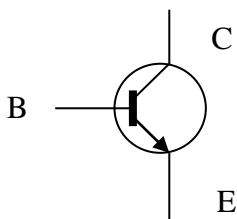


Signal lamp

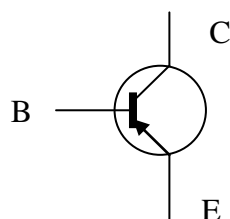


Active Devices

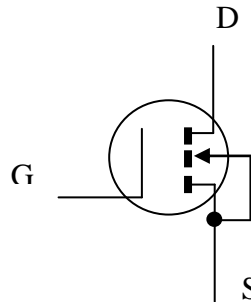
Transistor (npn)



Transistor (pnp)



MOSFET (n-channel)



MOSFET (p-channel)

