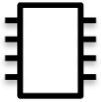
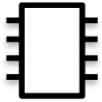

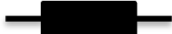







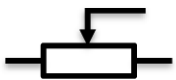





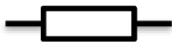















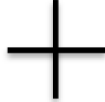

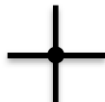




Schaltzeichen

Eine Übersicht für den NWES-Unterricht

| Component | Electronic Symbol (IEEE) | Schaltzeichen (IEC) | Bauelement |
|--------------------------|--------------------------|---------------------|-----------------------|
| AC (Alternating Current) | | | Wechselstrom |
| Ammeter | | | Amperemeter |
| Capacitor | | | Kondensator |
| DC (Direct Current) | | | Gleichstrom |
| DC Voltage Source | | | Gleichspannungsquelle |
| Diode | | | Diode |
| Fuse | | | Sicherung |
| Ground | | | Erde |

| | | | |
|----------------------------|---|--|----------------------------|
| IC (integrated circuit) |  |  | IC (Integrierte Schaltung) |
| Inductor |  |  | Spule |
| Lamp |  |  | Lampe |
| LED (light-emitting diode) |  |  | LED (Leuchtdiode) |
| Motor |  |  | Motor |
| Potentiometer |  |  | Potentiometer |
| Push-button (closed) |  |  | Taster (geschlossen) |
| Push-button (open) |  |  | Taster (offen) |
| Resistor |  |  | Widerstand |

| | | | |
|-----------------------|---|--|----------------------------|
| Source (Battery cell) |  |  | Spannungsquelle (Zelle) |
| Switch (closed) |  |  | Schalter (geschlossen) |
| Switch (open) |  |  | Schalter (offen) |
| Toggle Switch |  |  | Umschalter |
| NPN Transistor |  |  | NPN-Transistor |
| PNP Transistor |  |  | PNP-Transistor |
| Voltmeter |  |  | Voltmeter |
| Wires (Not Connected) |  |  | Leiter (Kreuzung) |
| Wires (Connected) |  |  | Leiter (Abzweigung) |
| Zener Diode |  |  | Z-Diode |