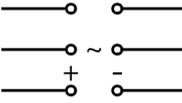
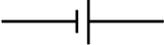
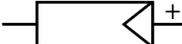
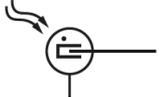
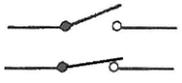
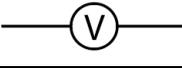
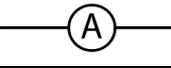
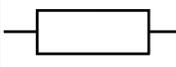
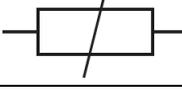
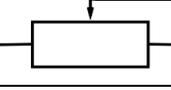
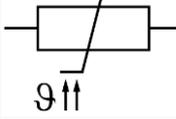
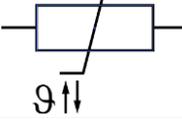
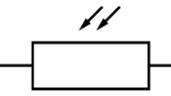
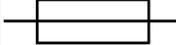
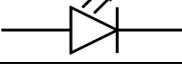
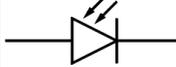
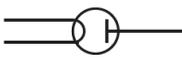
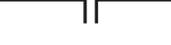
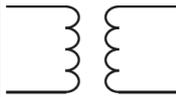
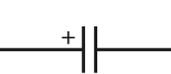
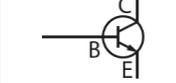
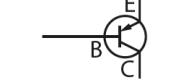
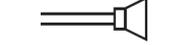


Schaltzeichen im Physikunterricht

Stand: 04.06.2018

| Bezeichnung | Symbol | Bezeichnung | Symbol | Bezeichnung | Symbol |
|--|---|---|--|-------------------------------------|---|
| Anschluss |  | Spannungsversorgung („- quelle“): - allgemein - Wechselspannung - Gleichspannung |  | Batterie, Galvanisches Element |  |
| Fotozelle (Fotoelement, Solarzelle) |  | Solarmodul |  | Erdung |  |
| Generator |  | Motor |  | Zählrohr |  |
| Leiterverbindung / Verzweigung |  | Schalter: - offen - geschlossen |  | Taster |  |
| Messgerät |  | Spannungsmessgerät (Voltmeter) |  | Stromstärkemessgerät (Amperemeter) |  |
| ohmscher Widerstand |  | Veränderbarer Widerstand |  | Widerstand mit Schleifkontakt |  |
| temperaturabhängiger Widerstand (Kaltleiter PTC) |  | temperaturabhängiger Widerstand (Heißeleiter NTC) |  | Fotowiderstand |  |
| Sicherung |  | Glühlampe |  | Glimmlampe |  |
| Diode |  | Leuchtdiode |  | Zener-Diode |  |
| Fotodiode |  | Röhrendiode (mit direkter Heizung) |  | Röhrentriode (mit direkter Heizung) |  |
| Spule |  | Spule mit Weicheisenkern |  | Kondensator |  |
| Trafo (allgemein) |  | Trafo mit Weicheisenkern |  | Elektrolyt-Kondensator |  |
| NPN-Transistor |  | PNP-Transistor |  | Oszilloskop |  |
| Klingel |  | Lautsprecher |  | Verstärker |  |