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| Component | Circuit Symbol | Picture |
| **Resistor**  Resistors act to reduce current flow, and, at the same time, act to lower voltage levels within circuits |  |  |
| **Diode**  A two-[terminal](https://en.wikipedia.org/wiki/Terminal_(electronics)) [electronic component](https://en.wikipedia.org/wiki/Electronic_component) that conducts primarily in one direction. |  |  |
| **Battery**  Transforms chemical energy into electricity. |  |  |
| **Switch**  An [electrical component](https://en.wikipedia.org/wiki/Electrical_component) that can break an [electrical circuit](https://en.wikipedia.org/wiki/Electrical_circuit). |  |  |
| **LED**  A component which emits light when activated. |  |  |
| **Lamp**  Produces light with a wire [filament](https://en.wikipedia.org/wiki/Incandescent_light_bulb#Filament) heated to a high temperature by an electric current passing through it, until it glows. |  |  |
| **Motor**  An electrical device that creates motion by converting electrical energy to kinetic energy. |  |  |