

squishycircuits

Components Explained

What is an LED?

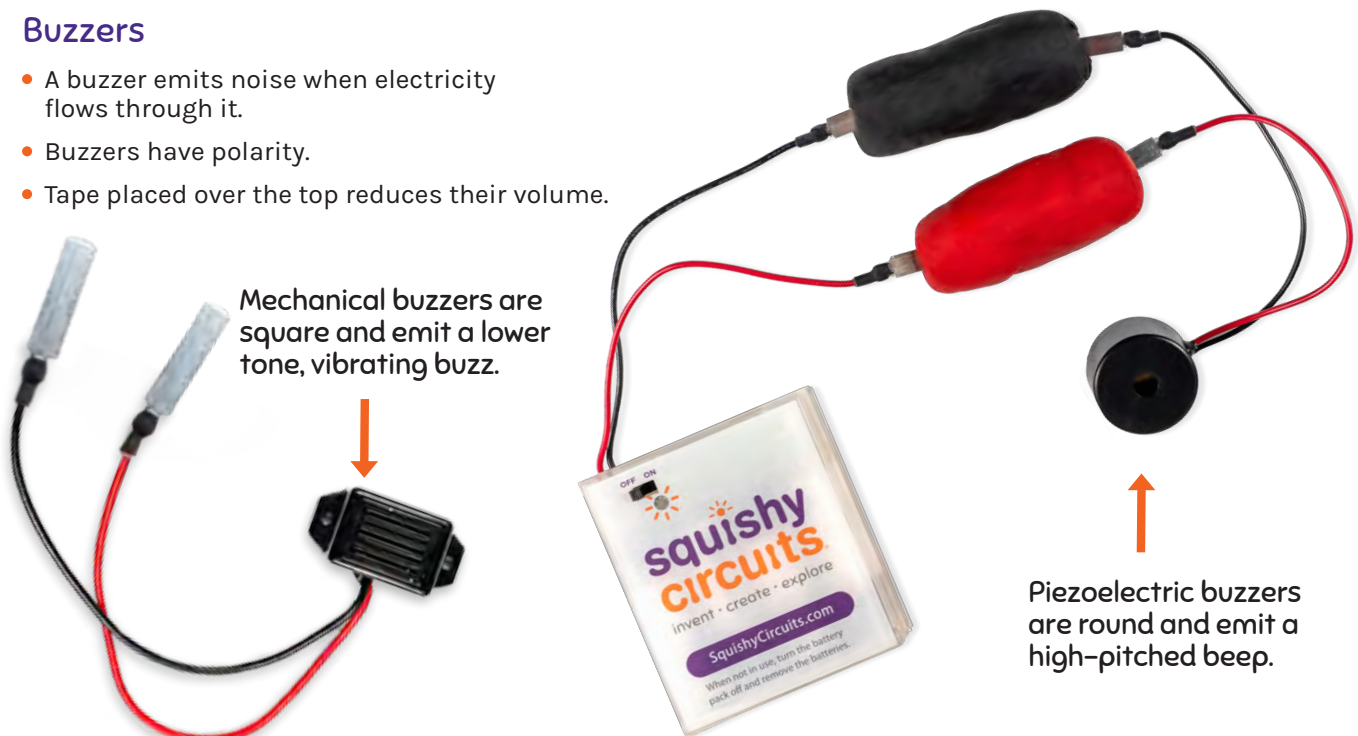
- LEDs have polarity. The longer terminal connects to the dough with the red battery pack wire, and the shorter terminal connects to the dough with the black battery pack wire.
- When used with Squishy Circuits, LEDs will break and need to be replaced over time. Expect a few hours of use.
- Standard LEDs from other sellers will work but may not be as large, bright, etc.
- Classrooms or clubs may be interested in our long-lasting LEDs with wires.



A LED (Light Emitting Diode) produces light when electricity flows through it.

Buzzers

- A buzzer emits noise when electricity flows through it.
- Buzzers have polarity.
- Tape placed over the top reduces their volume.



Mechanical buzzers are square and emit a lower tone, vibrating buzz.

Piezoelectric buzzers are round and emit a high-pitched beep.

Motors

- A motor creates motion when electricity flows through it.
- Motors spin clockwise or counterclockwise based on the wire orientation. They don't have polarity.



Switch

A switch is placed within a circuit and either breaks or completes the circuit.



"1" indicates on.
"0" indicates off.