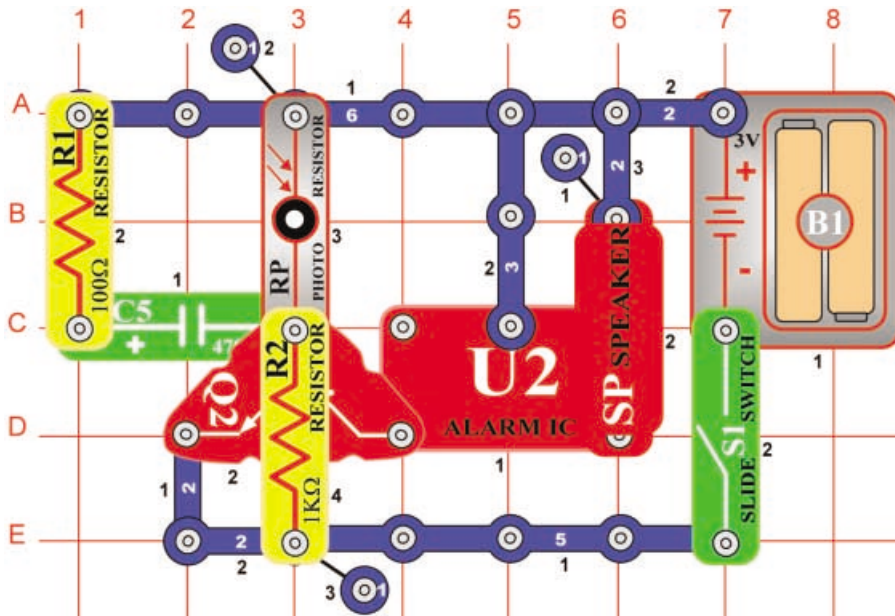


# Project #A34

# Short-time Sound

*OBJECTIVE: To make a brief sound.*



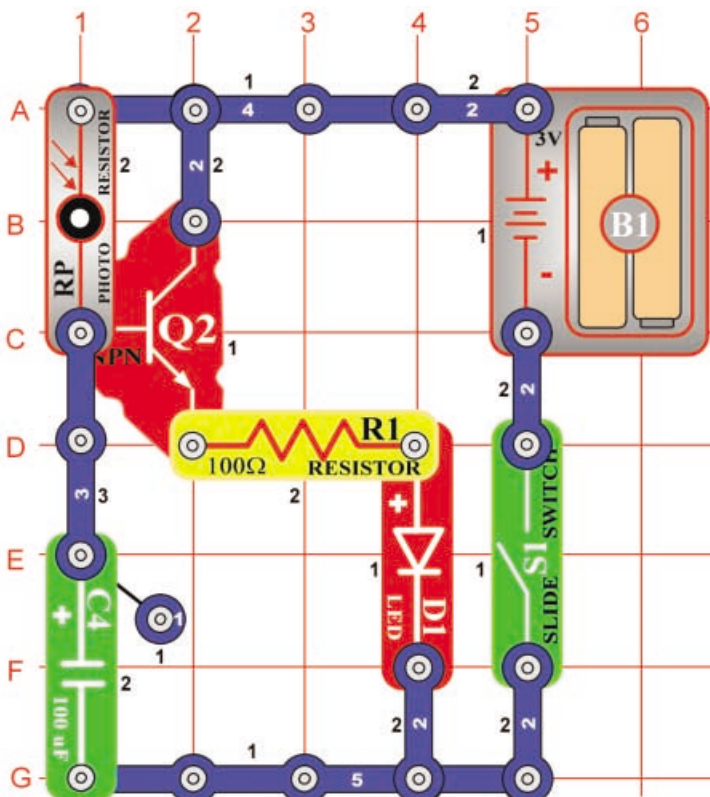
Turn on the switch and you a siren sound for only a second or two, increase the light on the photoresistor to make it last longer.

Requires SC-300 or larger parts set.

# Project #A35

# Slow Light Dimmer

*OBJECTIVE: To show how capacitors delay circuit changes.*



Turn on the switch (S1) and the LED (D1) comes on if there is light on the photoresistor (RP). If you cover the photoresistor now then the LED will stay on for a while, until the 100μF capacitor (C4) discharges.

You can replace the 100μF capacitor with the other values to change how long the LED stays on for when the photoresistor is covered.

Requires SC-300 or larger parts set.