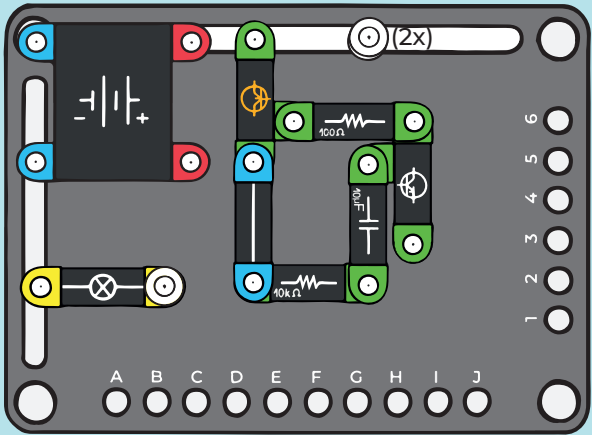


L520 FLASHING LIGHT BULB

- 1x bulb
- 1x transistor NPN
- 1x transistor PNP
- 1x resistor 10kΩ
- 1x resistor 1MΩ
- 1x resistor 100Ω
- 1x capacitor 10μF
- 1x battery
- 1x jumper wire
- 1x pushbutton
- 3x breadboard pin

An astable flip-flop can also be built using two amplifiers consisting of transistors of opposite conductivity. The build is simplified a bit, but the stability of the circuit is worse. The bulb is switched directly by the amplifier with a PNP transistor, so the bulb flashes with high brightness. The blinking is short with long pauses, so it may take a while for the bulb to light up for the first time after you connect the battery.

1.



2.

