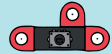


L510 STANDARD TRANSISTOR CIRCUIT



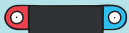
1x potentiometer



1x transistor NPN



2x resistor 1kΩ



1x battery



1x



2x



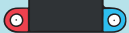
1x LED



1x switch



1x resistor 10kΩ



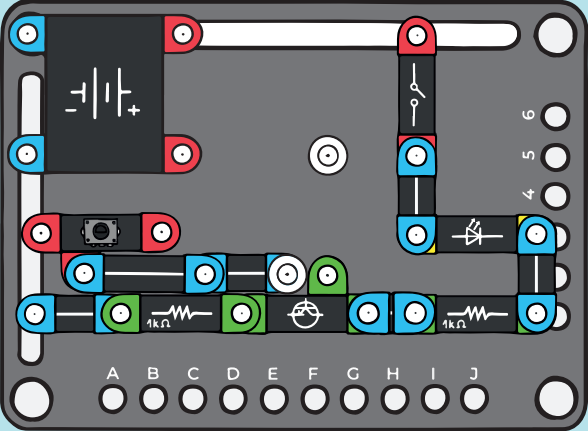
5x



2x

We use a potentiometer to control the current flowing to the base, which changes the current flowing through the collector and, thus, also changes the LED brightness because the voltage on the LED changes. The resistance in the transistor emitter introduces a weak feedback, thus limiting the range of brightness control options.

1.



2.

