

L380 PNP AMPLIFIER WITH LED IN REVERSE DIRECTION



1x LED



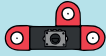
1x bulb



1x transistor PNP



1x switch



1x potentiometer



1x resistor 1kΩ



1x battery



1x



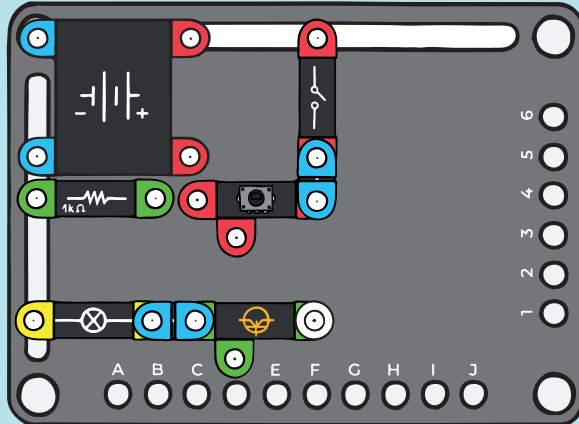
3x



1x

Use a potentiometer to control the current flowing through a LED diode to the transistor base. However, the LED is in the reverse direction, and so no current flows through the base and there is nothing to amplify. The bulb cannot light up because the transistor is closed.

1.



2.

