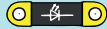


L530 NIGHT LIGHT AUTOMATIC SWITCH-OFF I.



1x transistor NPN



1x LED



1x resistor 1kΩ



1x button



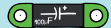
1x battery



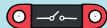
2x



3x



1x capacitor 100µF



1x switch



1x resistor 100kΩ



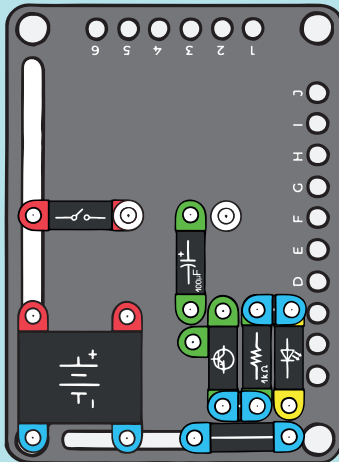
1x



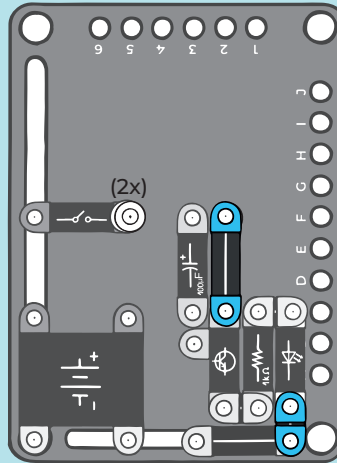
5x

When the switch is turned in the ON position, the capacitor starts charging. As the capacitor charges, the current flowing through it decreases. This also closes the transistor and the LED slowly dims until it goes out. Press the button to discharge the capacitor and the LED will light up again and slowly dim until the capacitor is fully charged again.

1.



2.



3.

