

L550 NIGHT LIGHT AUTOMATIC SWITCH-OFF III.



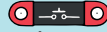
1x transistor NPN



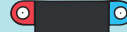
1x LED



1x resistor 1kΩ



1x button



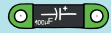
1x battery



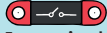
2x



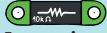
4x



2x capacitor 100µF



1x switch



1x resistor 10kΩ



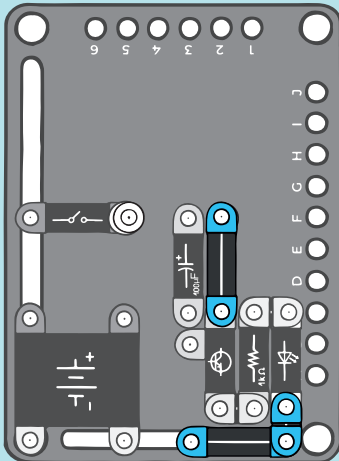
1x



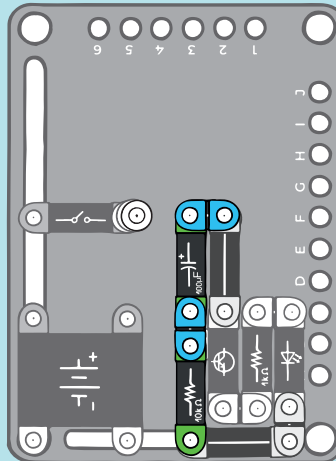
5x

You can also shorten the lighting time. You can use a capacitor with a smaller capacitance, but a more practical variant is to replace the resistor between the transistor base and the ground with a smaller one. This will increase the charging current of the capacitor, and the capacitor will charge faster. The current flowing to the transistor base will then stop sooner – the transistor will close and the LED go out.

1. step 2 of L530



2.



3.

