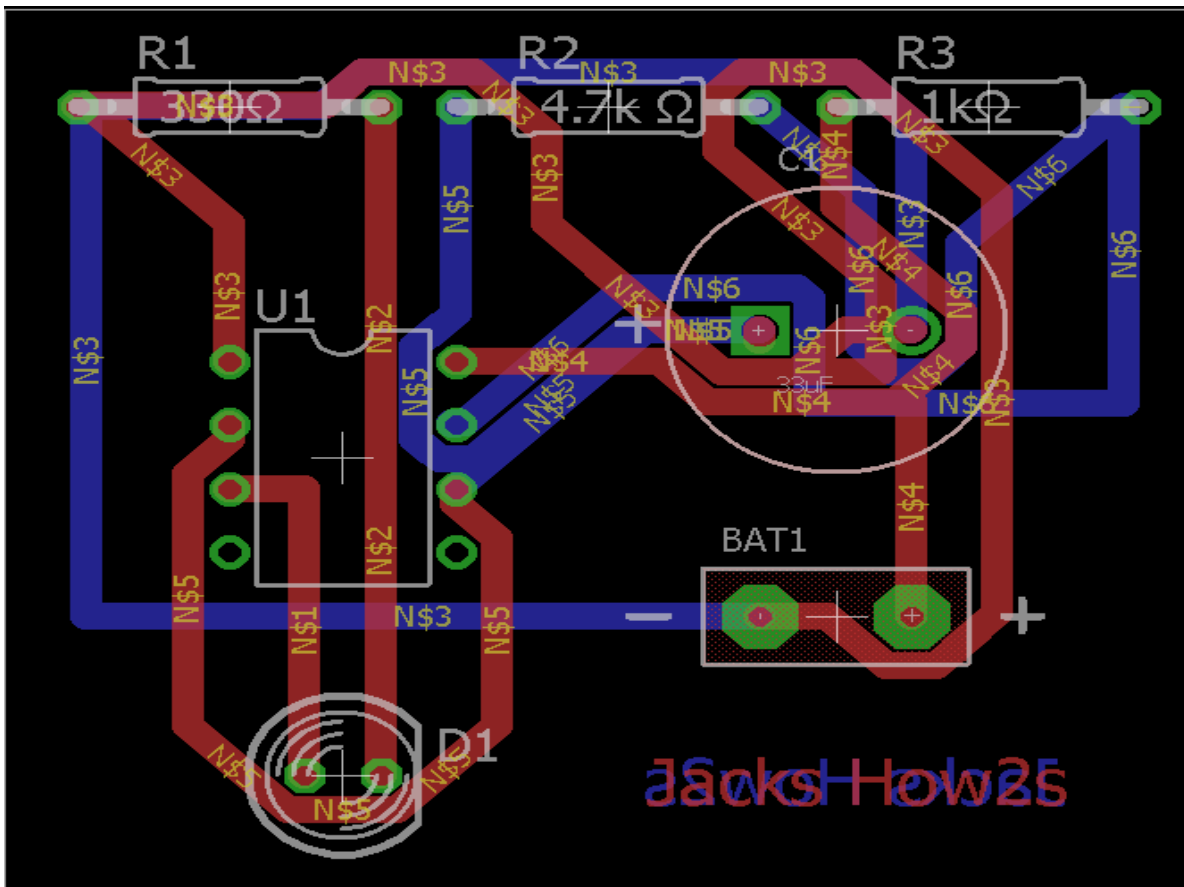


Jacks How2s 555 Timer Blink Kit

Dear Customer,

Thank you for choosing to purchase a Jacks How2s 555 Timer Blink Kit! In this booklet you will find step by step instructions on how to build the kit on a PCB provided.



This is the PCB diagram.

Key-

R1= 330R

U1= 555 Timer IC

R2= 4.7K

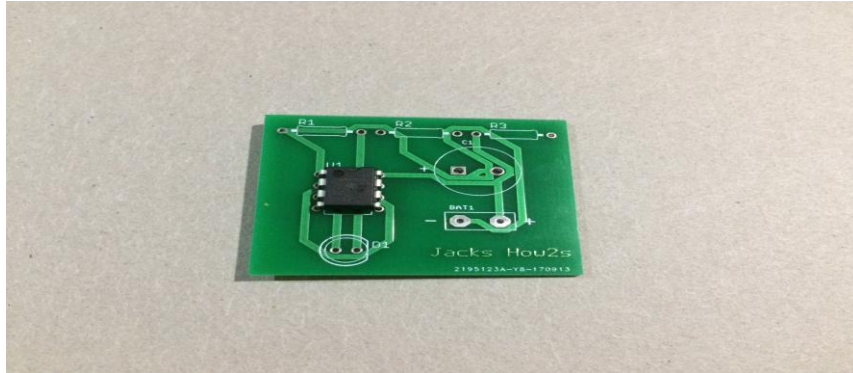
C1= 33uF Capacitor

R3= 1K

D1= 5mm Led

BAT1= 9 Volt Battery Clip

How to Build the Kit!



1. Start by placing the 555 timer ic into the U1 space with the notch on the ic corresponding to the notch on the PCB and fix in place with solder.



2. Place the 33uF capacitor into the C1 socket making sure that the longer leg of the capacitor is in the + hole and the shorter one in the other, then fix in place with solder.



3. Place the resistors in their correct hole then solder in place.

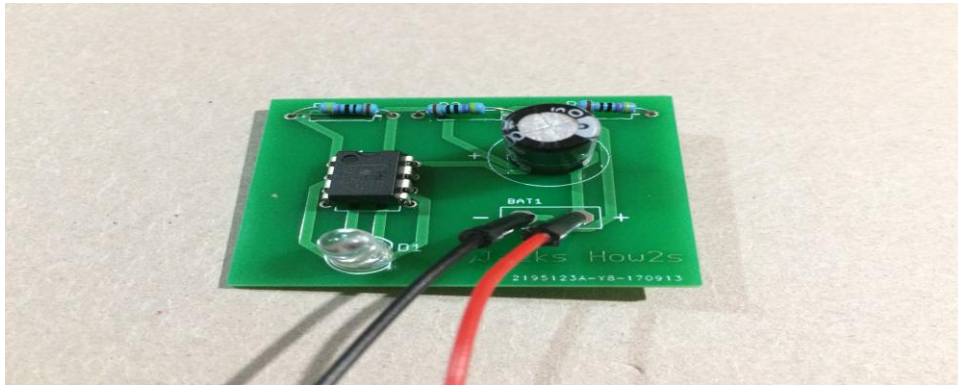
R1= 330R

R2= 4.7K

R3= 1K



4. Place the Led in the socket labelled **D1** with the flat side of the led corresponding with the flat side on the PCB again solder the legs in place.



5. Lastly connect the red wire to the + hole of the PCB and the black wire to the -hole of the PCB solder the wires in place.



6 Connect a 9 Volt battery to the battery clip and the LED should flash/strobe! If not please read the instructions and check the position of the components.

The video can be accessed on my website <http://jackshow2s.weebly.com>