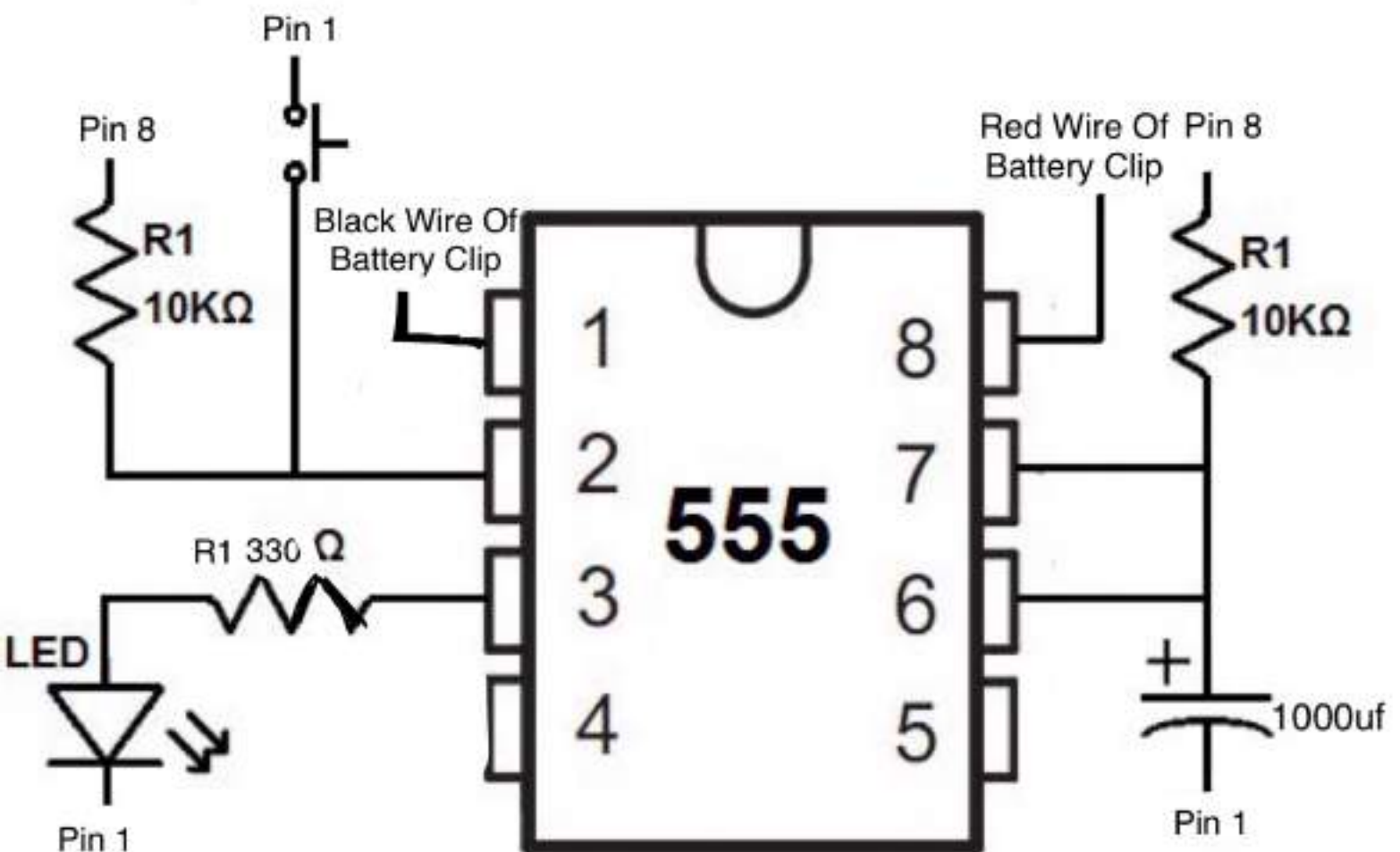# Jacks How2s 555 Timer Kit!

Dear Customer,

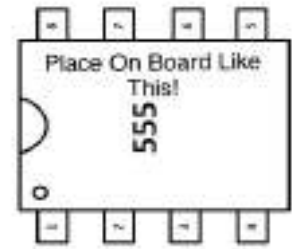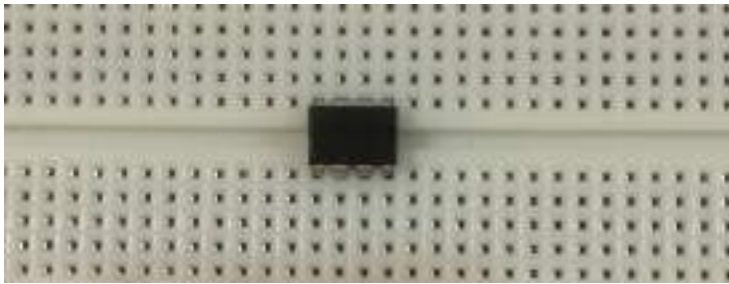Thank you for choosing to purchase a Jacks How2s 555 Timer Kit!
In this booklet there will be a step by step guide on how to build the
kit on the breadboard provided, it also contains the schematic which
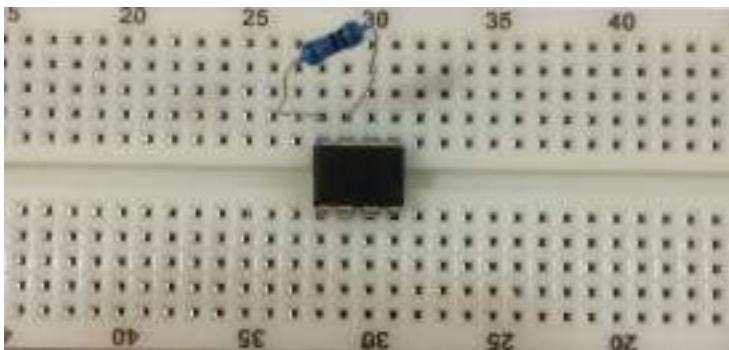is also very helpful whilst building the circuit!

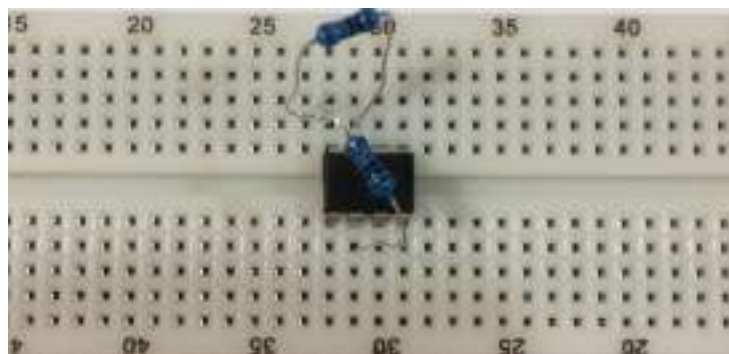R1= 10k Resistor
R2= 330ohm Resistor

How to Build The Kit!
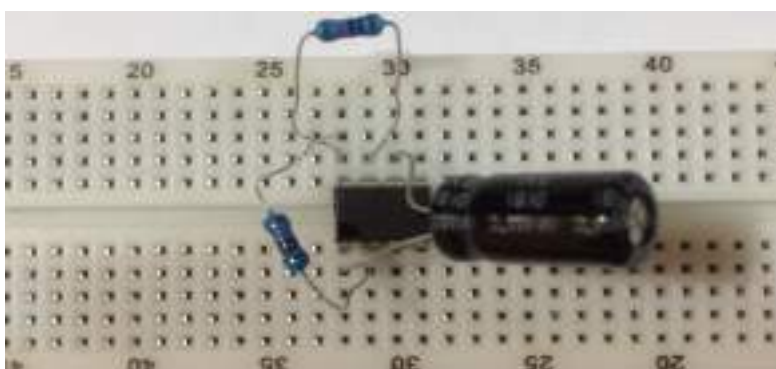

Place On Board Like This!
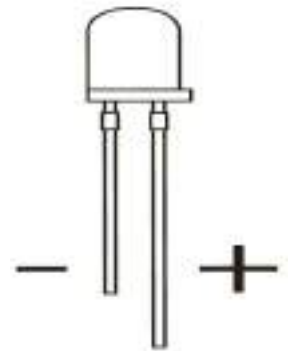555

1. Place the 555 timer ic on the breadboard,
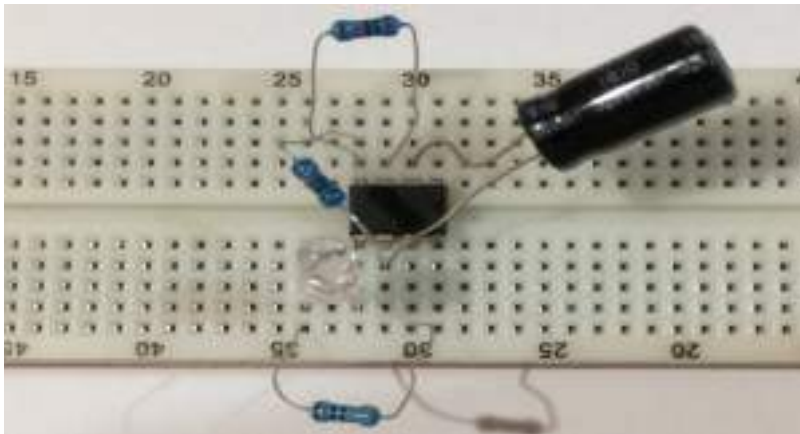

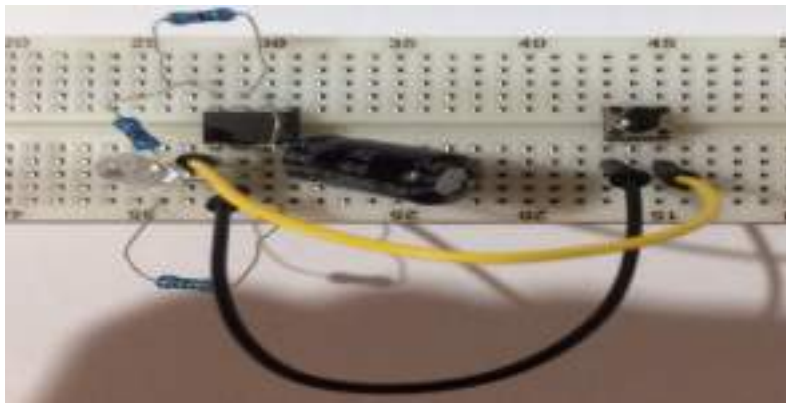2. Place one 10k resistor from pin 8 of the ic to pin 7,

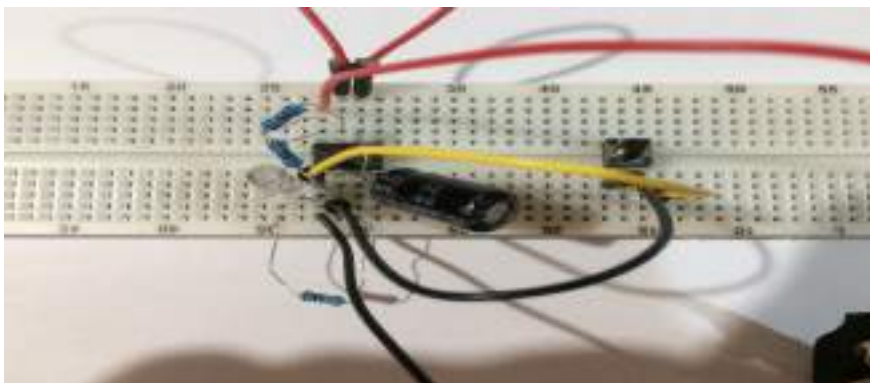3. Place another 10k resistor from pin 8 of the ic to pin 2,

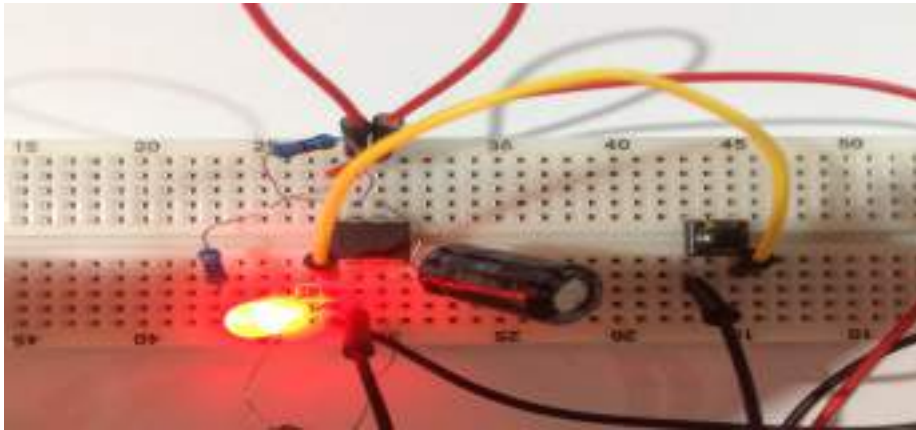4. Place the negative leg of the 1000uf capacitor to pin 1 and he positive leg to pin 6,

5.Connect the negative leg of the led to pin 1 of the ic and place the 330 ohm resistor from pin 3 to the positive leg.

6.Now connect one leg of the push button to pin 2 and the other leg to pin 1,

7.Place a jumper wire connecting pin 6 and 7 together,

8.Lastly connect the black wire of the battery to pin 1 and the red wire to pin 8 connect the battery and press the button! The light should turn on for approx 12 seconds, if not check the component position using the following references.

PLEASE UNPLUG THE BATTERY AFTER USE OTHERWISE IT WILL DRAIN AND WASTE THE BATTERY!