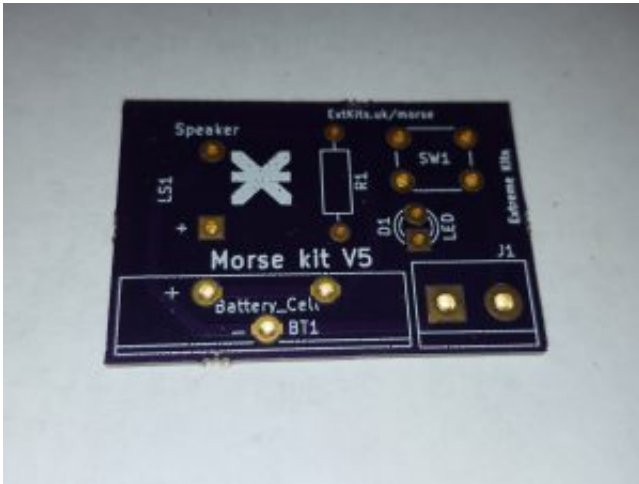
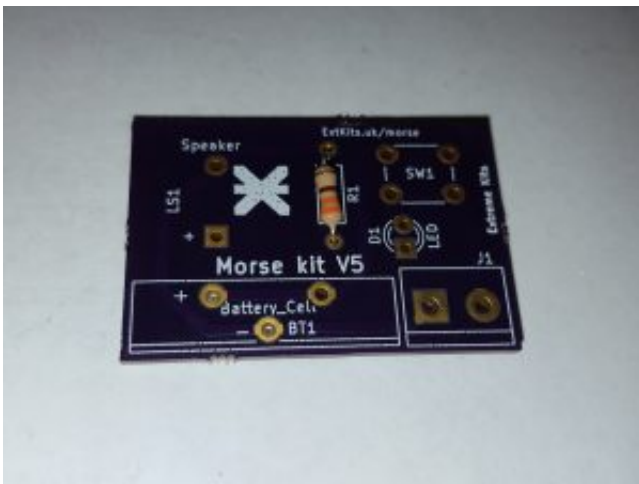


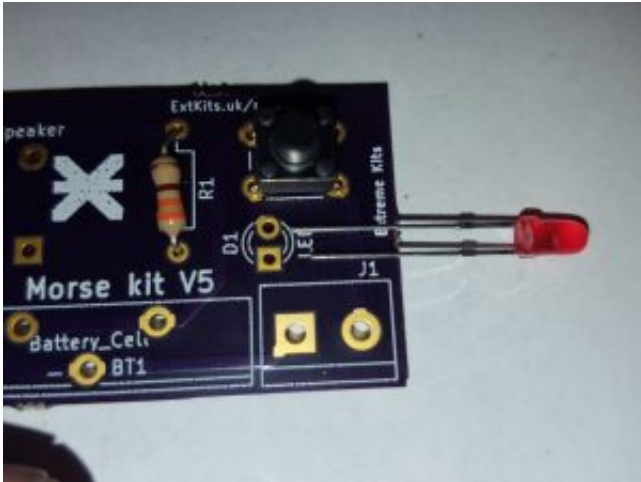
Building your Morse Oscillator Kit



The empty Morse test PCB (printed circuit board) component side up (this is the side you put the components on to).



First find the 1K resistor (coded brown,black,red) push the leads through the two holes on the PCB



Fit the LED next, be careful to get it the right way around, The short leg needs to go into the hole with the square solder pad. Solder these components ensuring that you haven't bridged the connections. and cut off the leads just after the solder joint.



Add the Push button into the four holes to the right hand side of the PCB



Insert the sounder, note the plus symbol on the sticker this indicates the positive(+) lead. This lead needs to go towards the hole on the PCB with the + near it. Solder the leads behind, and again cut off the leads flush to the solder joint.

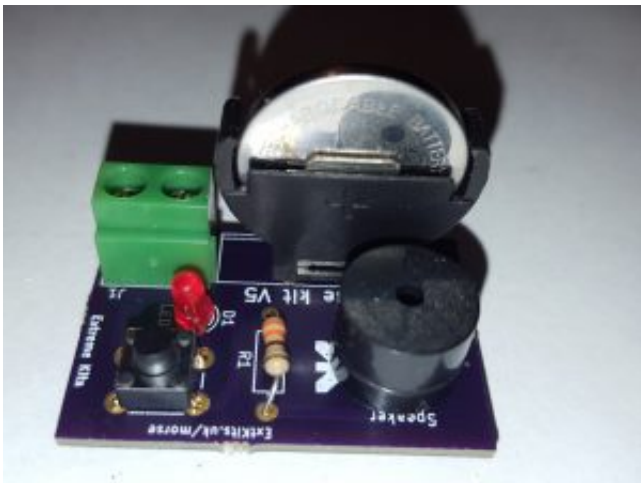


Solder in the Two pin terminal block



Push in the battery holder, All three legs must go completely through the board so the bottom of the holder is flat to the PCB. Solder it in place

On the Underside of the PCB, make sure all legs have solder on them, that there are no long leads left and there is no solder blobs connecting any two pins. (especially check the led connections as these are the two closest together.)



Offer up the battery to the battery holder, ensuring you have matched the + on the battery with the + on the holder. When you are you have it the right way around, push it fully into the holder