

# The Jam Jar

The home of the glassy tone

## KIT INSTRUCTIONS

### Blueberry

#### Bag Contents

1x Jam Jar Amp board  
2x Jack Sockets & Nuts  
2x Red Wire  
2x Black Wire  
1x 9v Battery Clip  
1x Chip  
1x Chip Socket  
2x Resistor  
2x Electrolytic Capacitor  
2x Ceramic Capacitor  
1x LED

#### Tools Required

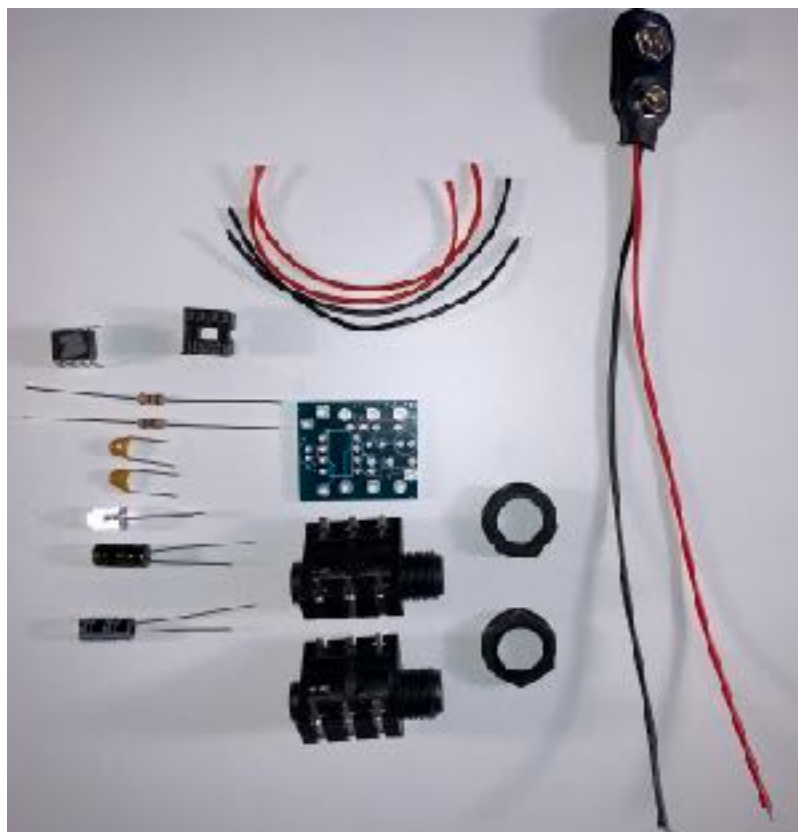
Soldering Iron & Solder

Wire Cutters / strippers

You may also need some helping hands

\*\*\* some components may change due to availability \*\*\*

Please ensure All your solder joints are properly soldered.



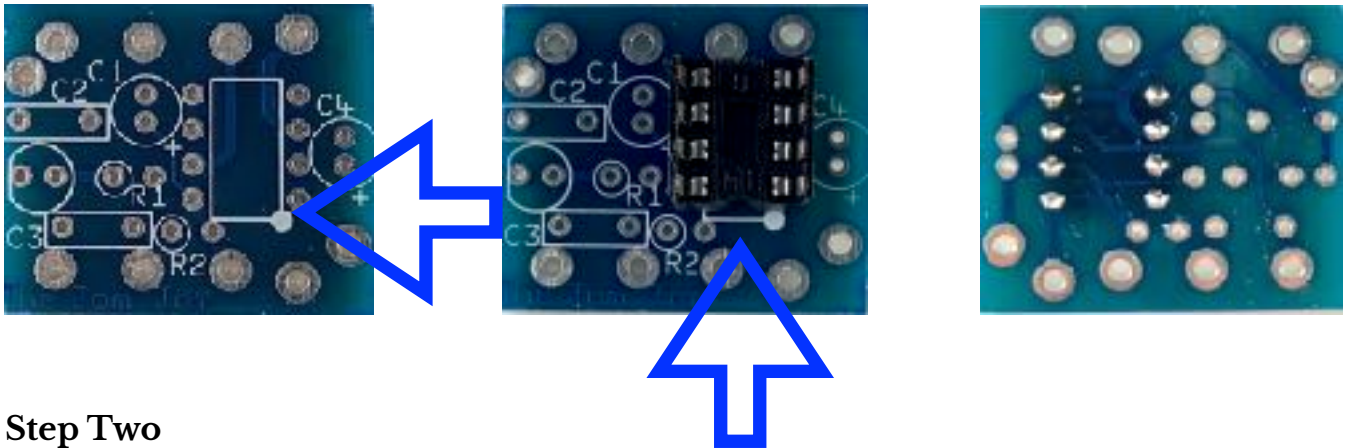
# The Jam Jar

The home of the glassy tone

Please insert all components in the side that has 'The JAM Jar' written on it....

## Step One

Solder in the chip socket as shown in photo with the dimple facing down towards the logo and the white dot.



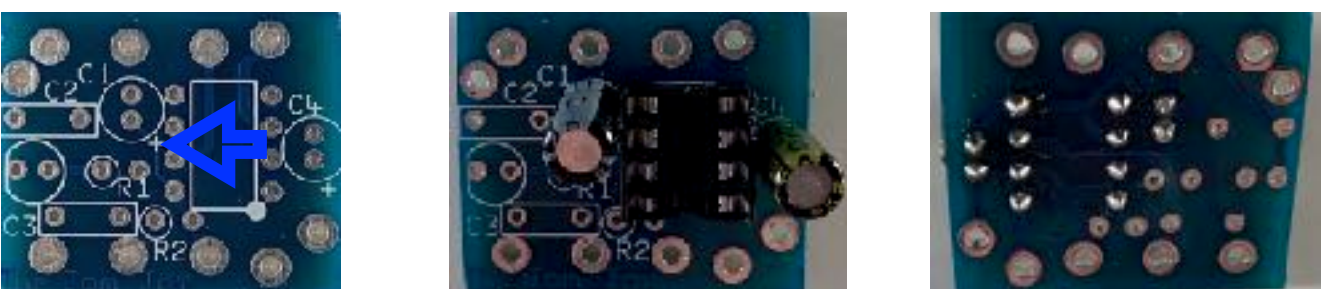
## Step Two

Solder in the Black/gold Electrolytic capacitor C4 100uf with the -/gold line (negative) facing away from the + . Turn the board over and snip off excess. Be Careful the solder pads are close together!!!



## Step Three

Solder in the second Electrolytic Capacitor C1 Black/White 10uf , with the -/white line (negative) facing away from the + . Turn the board over and snip off excess. Be Careful the solder pads are close together!!!

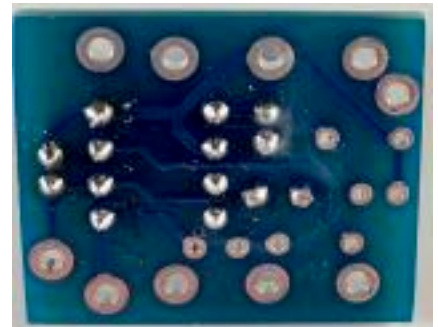


# The Jam Jar

The home of the glassy tone

## Step Four

Solder in resistor R1 Brown-Black-Red-Gold 1K , and again turn over and snip off excess legs.



## Step Five

Solder in the second resistor R2 10ohm Brown-Black-Black-Gold, and again turn over and snip off excess legs.



## Step Six

Solder in the first ceramic Capacitor C2 Yellow 103 100pf , these caps can go anyway around. Turn the board over and snip off excess.





# The Jam Jar

The home of the glassy tone

## Step Seven

Solder in the second ceramic Capacitor C3 Yellow 224 0.22uf, these caps can go anyway around. Turn the board over and snip off excess.



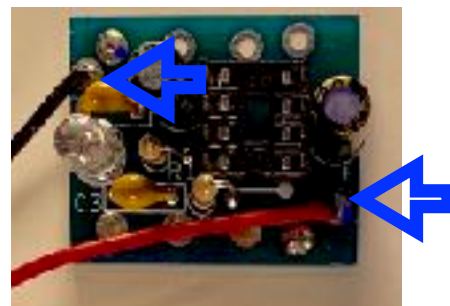
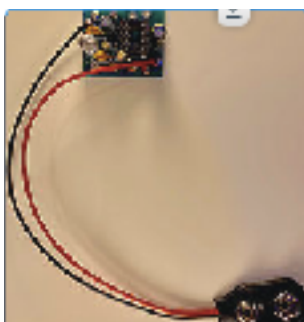
## Step Eight

Solder in the L.E.D with the long leg towards the chip socket, turn over and snip off excess legs.



## Step Nine

Solder in the battery clip positive (Red) and negative (Black).

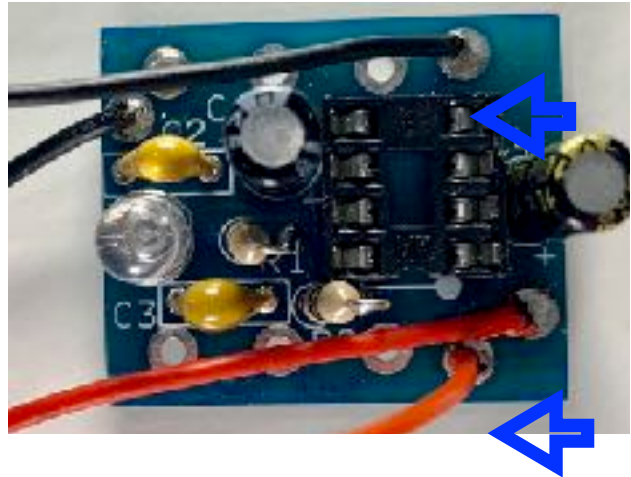
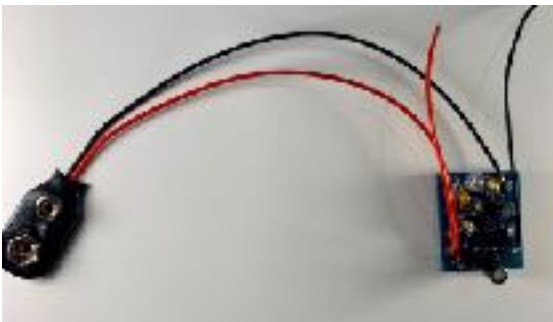


# The Jam Jar

The home of the glassy tone

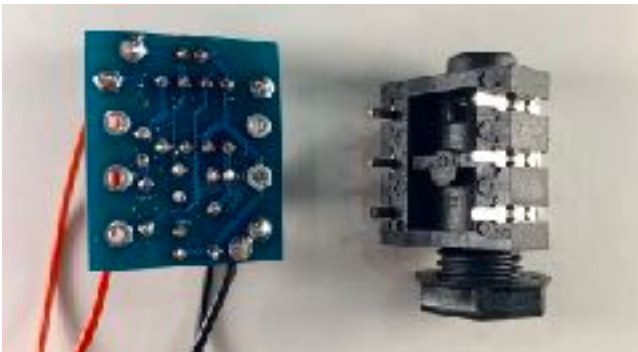
## Step Ten

Now Solder in the positive and negative for the output.



## Step Eleven

Now turn the board over and insert the jack socket, turn back over and solder it in on the component side.



# The Jam Jar

The home of the glassy tone

## Step Twelve

Output wires connect to the output jack negative/black to pin 2 and positive/red to pin 3 remember to tin the pins first.



- 1 No connection
- 2 Black wire - Negative
- 3 Red wire + Positive

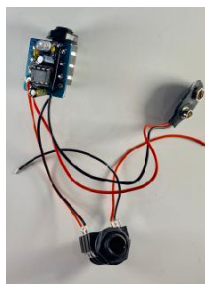
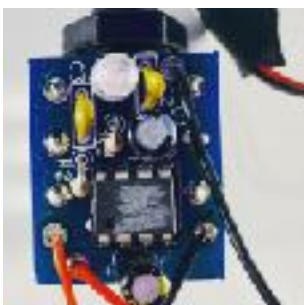
## Step Thirteen

From the other side of the output jack solder the final negative/black to pin 2 and positive/red to pin 3 remembering to tin the pins first.



## Step Fourteen

Finally time to put the chip in same as the chip socket dimple to the JAM Jar text.



You can now put it into an enclosure add a speaker and a battery.....

\*\* I have removed the chip numbers so stop imitations