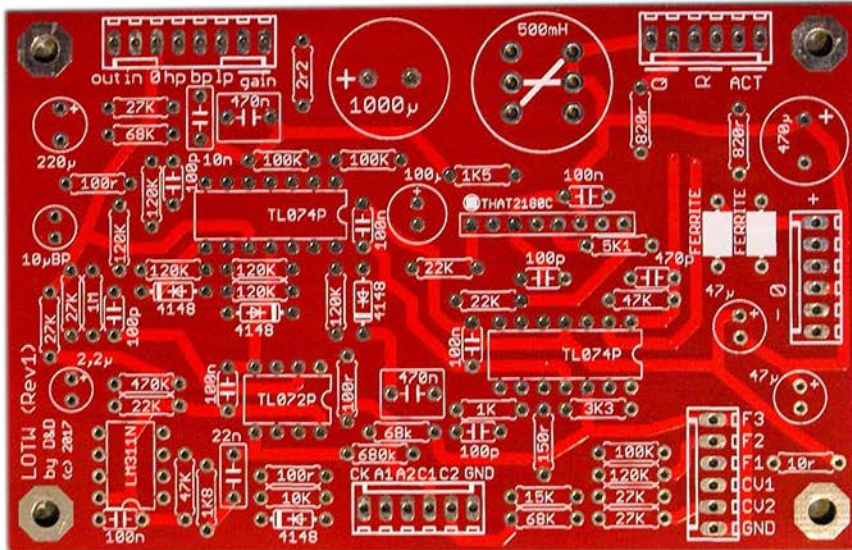
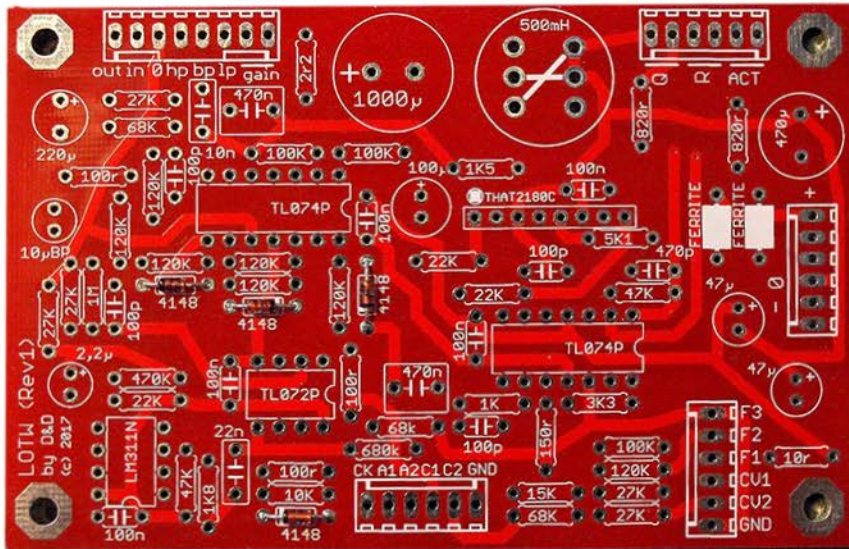


PCB rev2

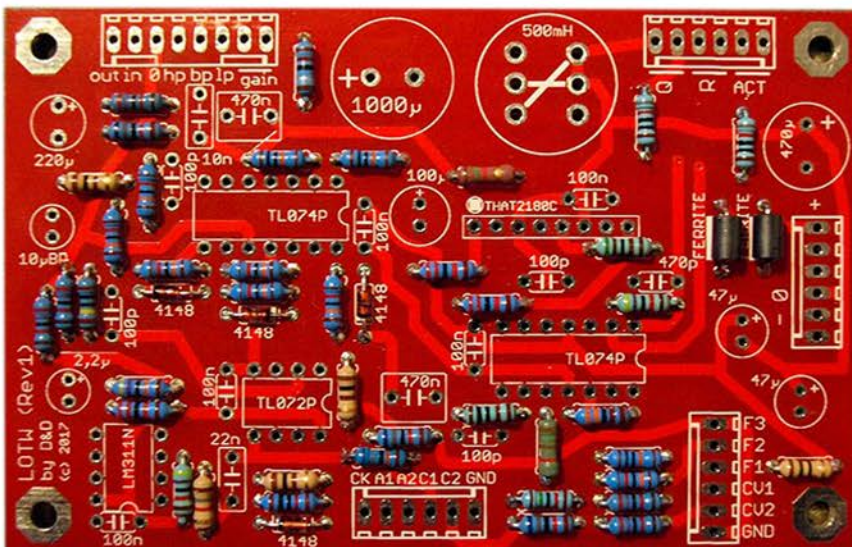
ASSEMBLY INSTRUCTIONS GUIDE



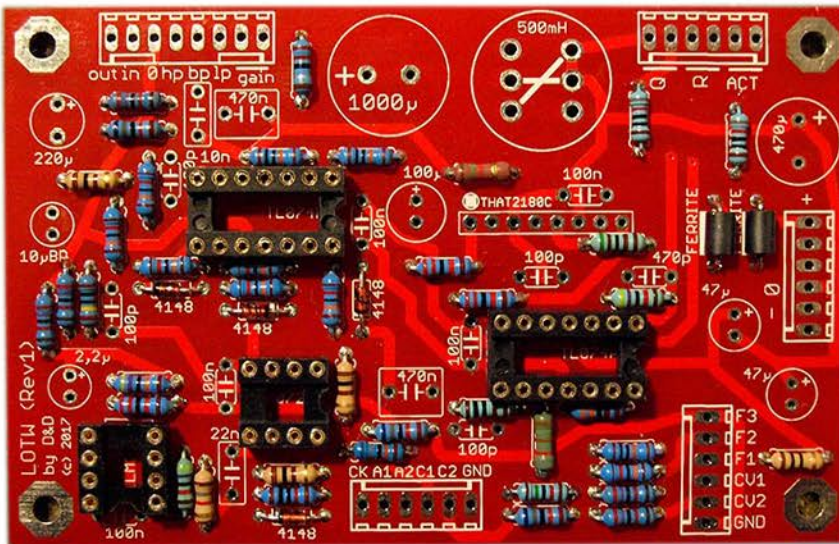
Here's your PCB



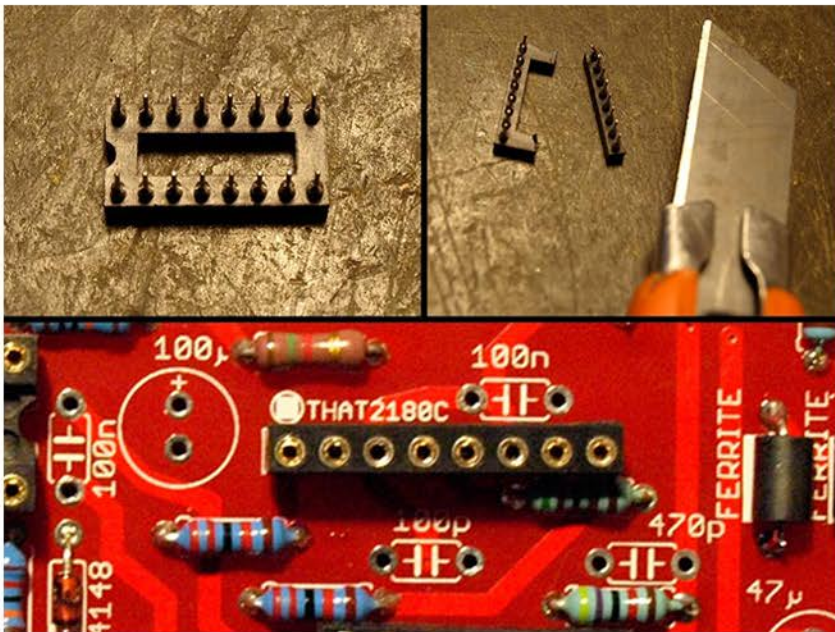
Solder the diodes



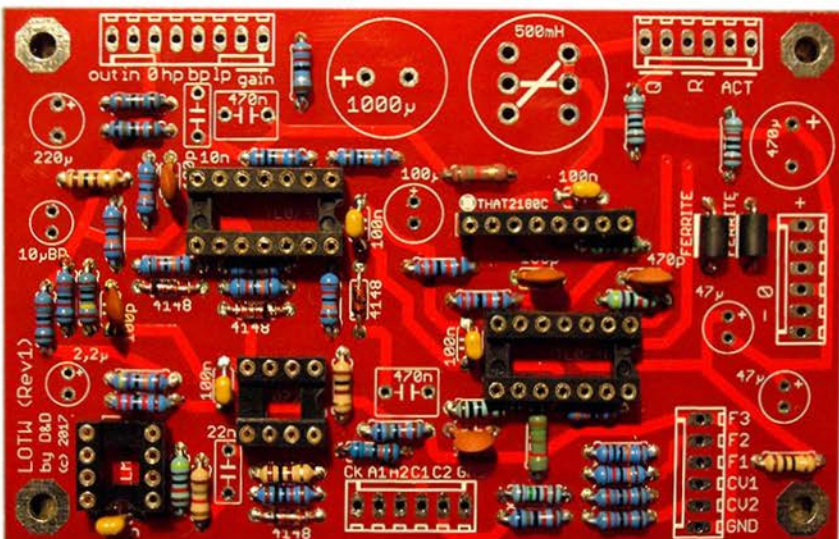
Solder the resistors,
then the ferrites



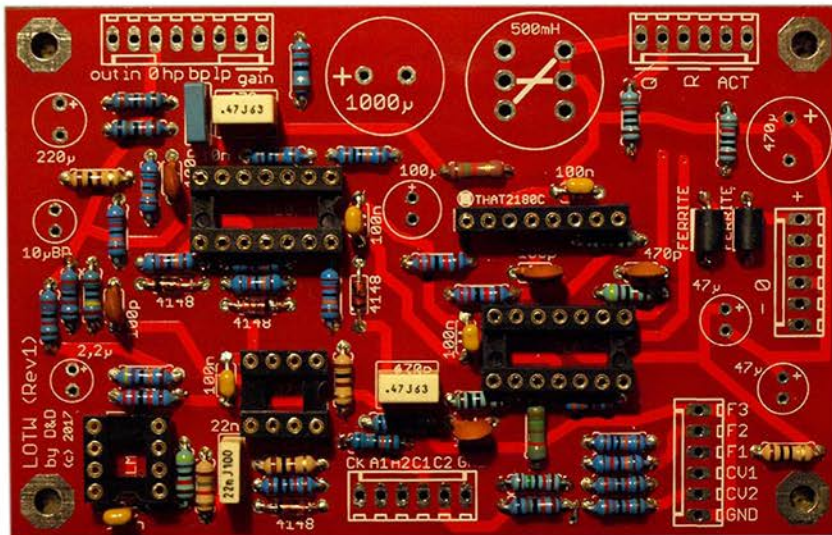
If you use IC sockets then solder them, otherwise solder your ICs directly



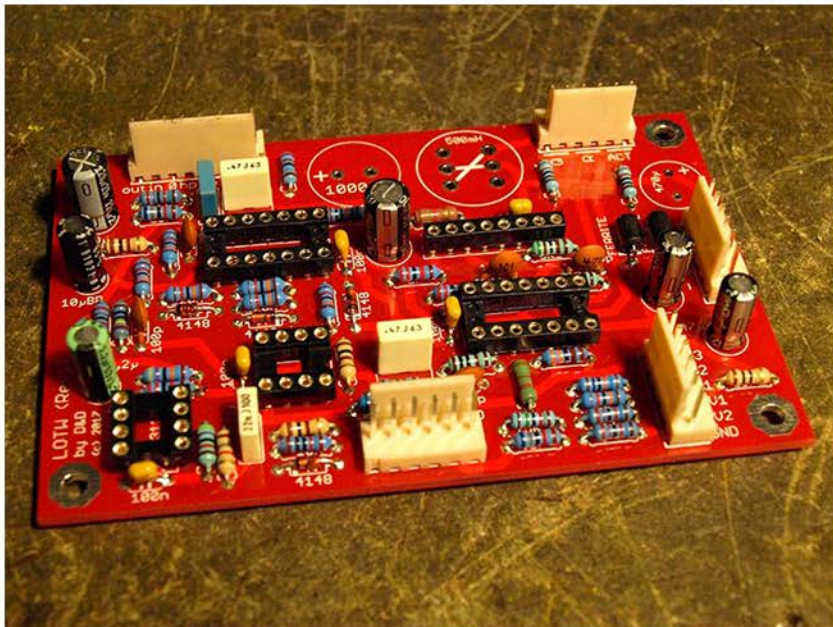
Here's a well known tip for using a DIP-16 IC socket as a SIP-8 IC socket!



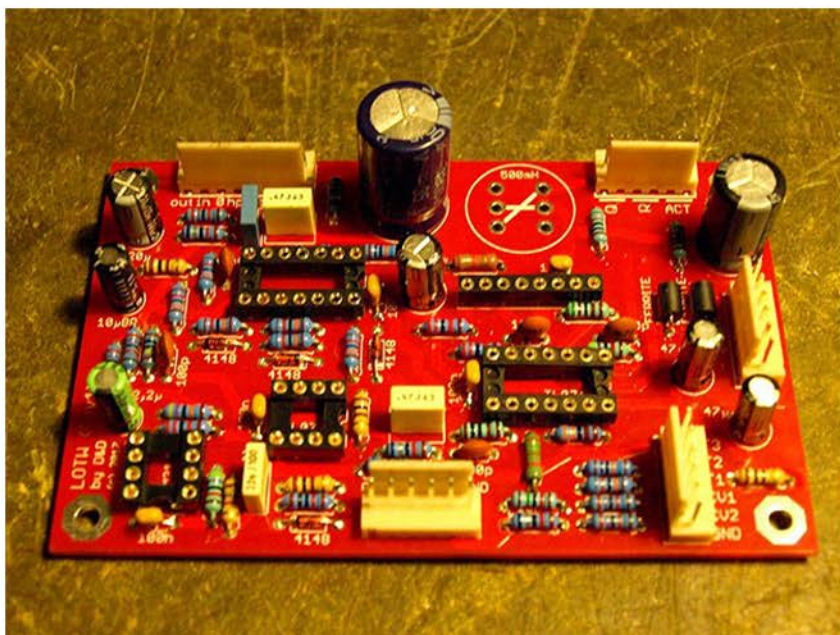
Solder the ceramic capacitors



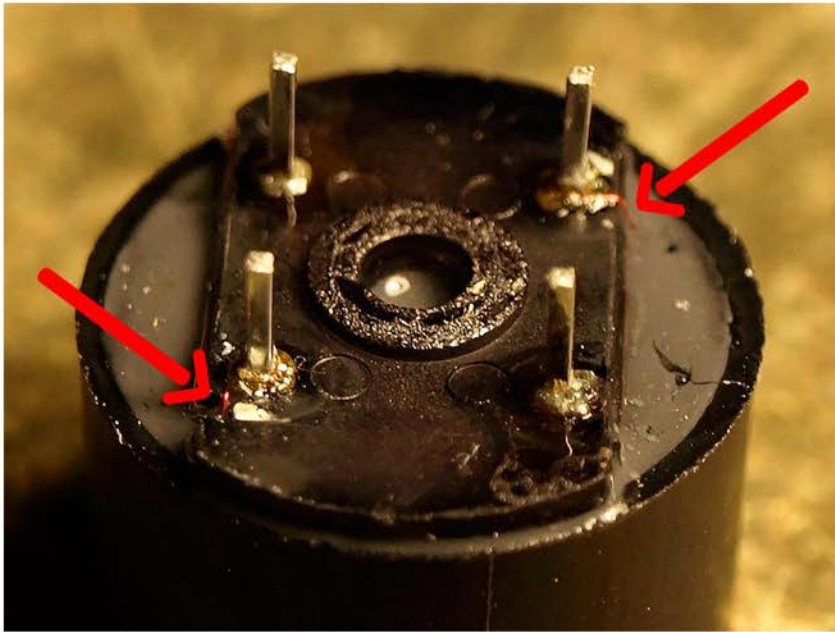
Solder the film capacitors



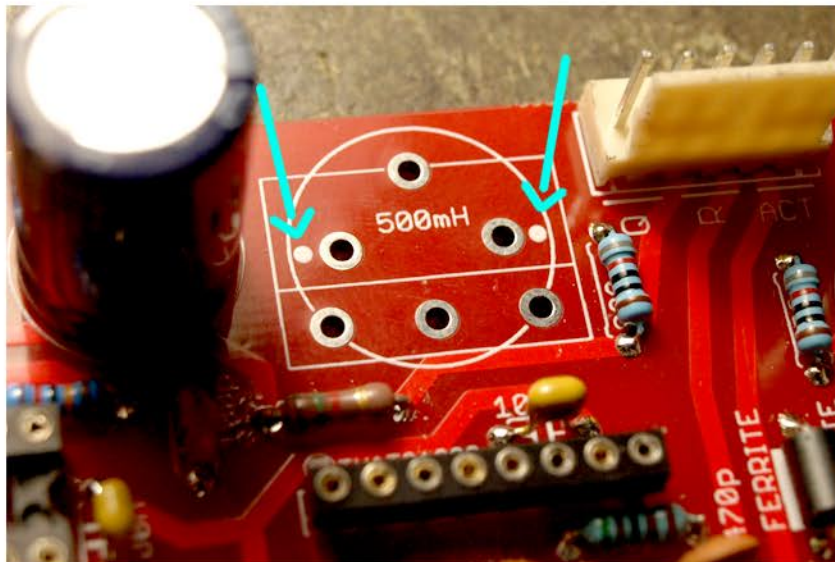
Solder the smaller electrolytic capacitors, then if you use molex connectors solder them, otherwise leave the place to solder the wires directly at the end.



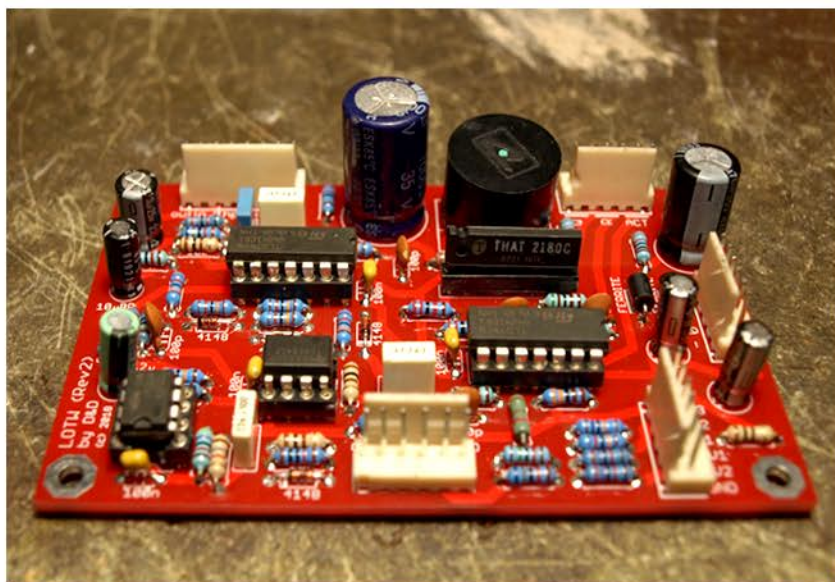
Solder the 470µ capacitor, then the 1000µ.



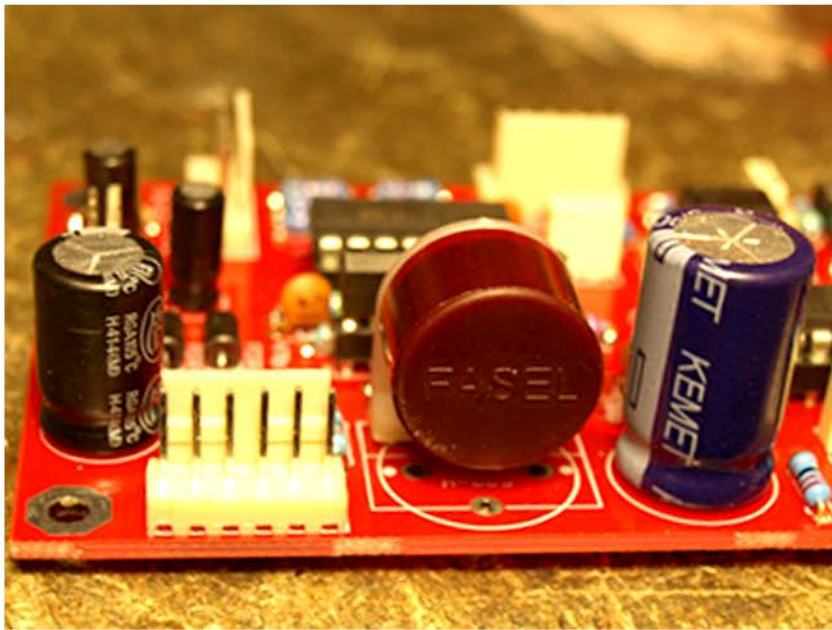
You can see the thin copper wires soldered on 2 pins of the Dunlop inductor, the 2 other pins are not connected.



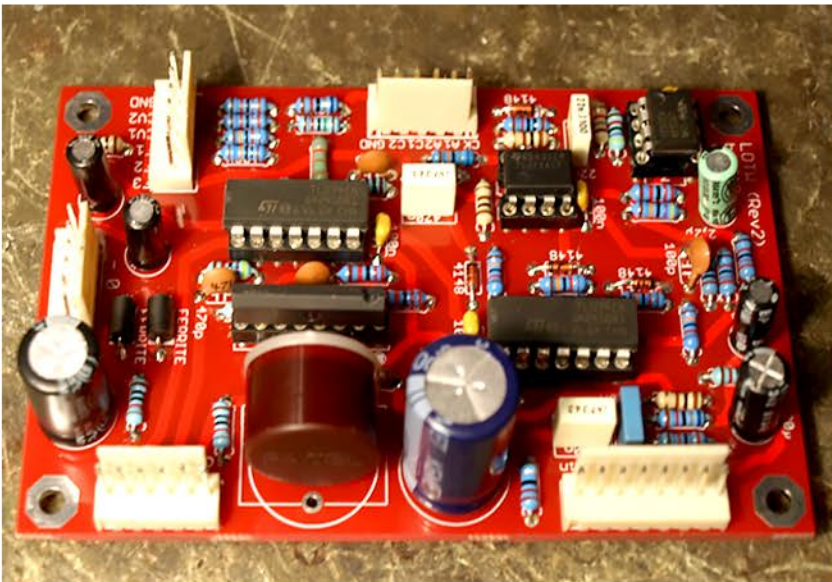
The white dots show where these 2 pins go.



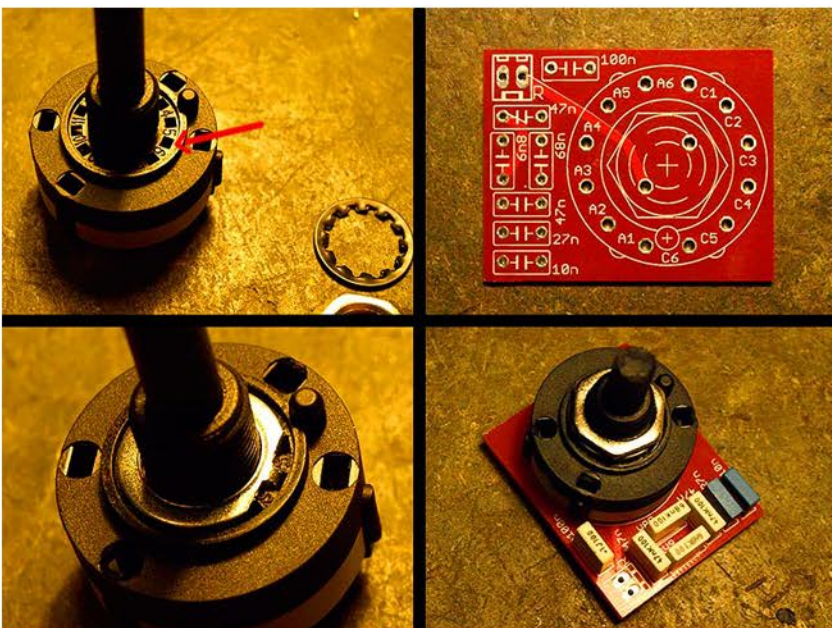
So connect the inductor in the right way and solder it, if you used IC sockets then plug the ICs.



If you use the Fasel inductor it's very simple, just follow the drawing.



Here you go.



This pic shows how to use the 6P2T switch in a 5P2T configuration.

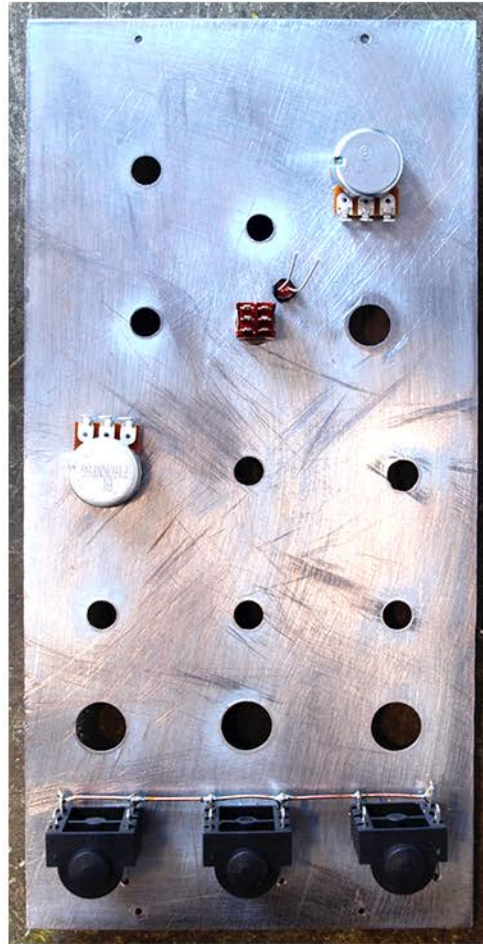
Solder the film capacitors on the range switch PCB and solder the switch.

Start with putting the input and output jack sockets on your pannel.

Link the sleeves together.



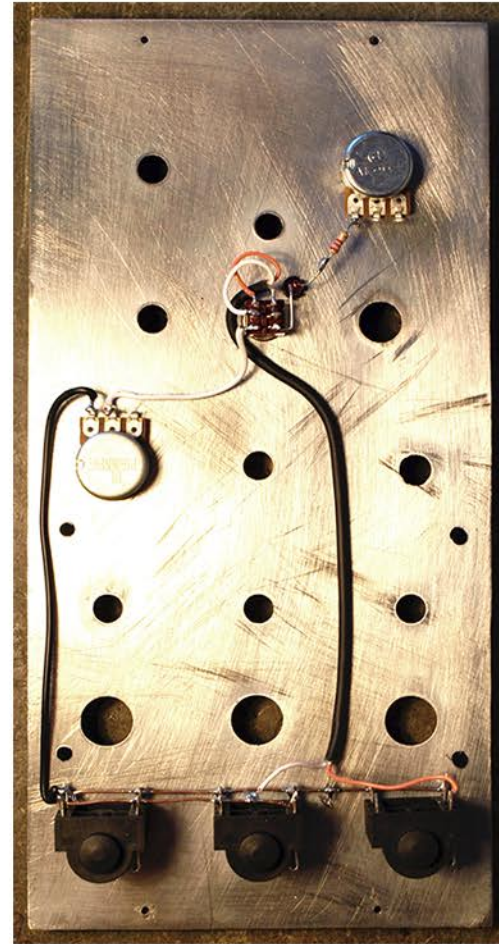
Put the «level» pot, the «frequency» pot, the bypass mini-sub DPDT switch and the bypass led which lights when the effect is «on».



Link the output jacks tips, connect the «level» pot's ccw pin to the jacks' sleeves.

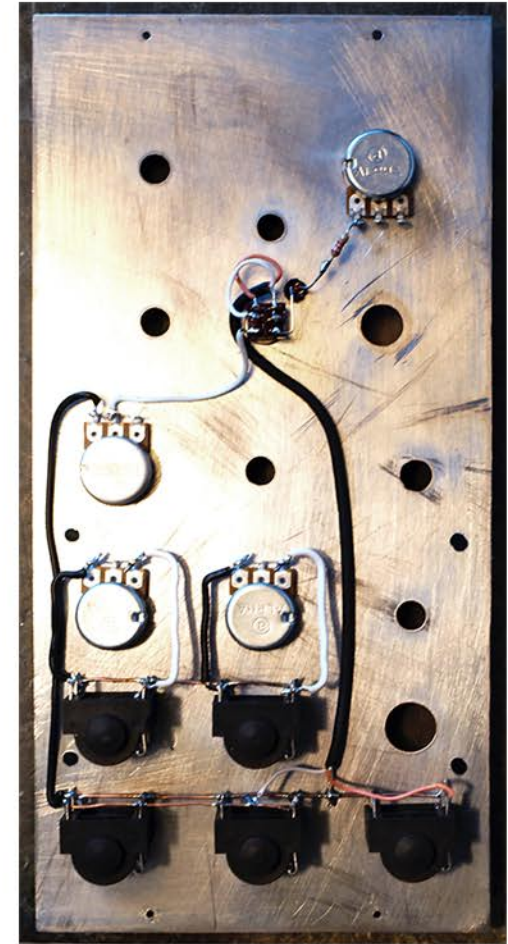
Connect the + of the led to the «frequency» pot's cw through a 2K2 resistor.

Connect the in and out jacks', the «level» pot's wiper, and the - of the led to the bypass switch accordingly to the wiring diagram at the end of this document.

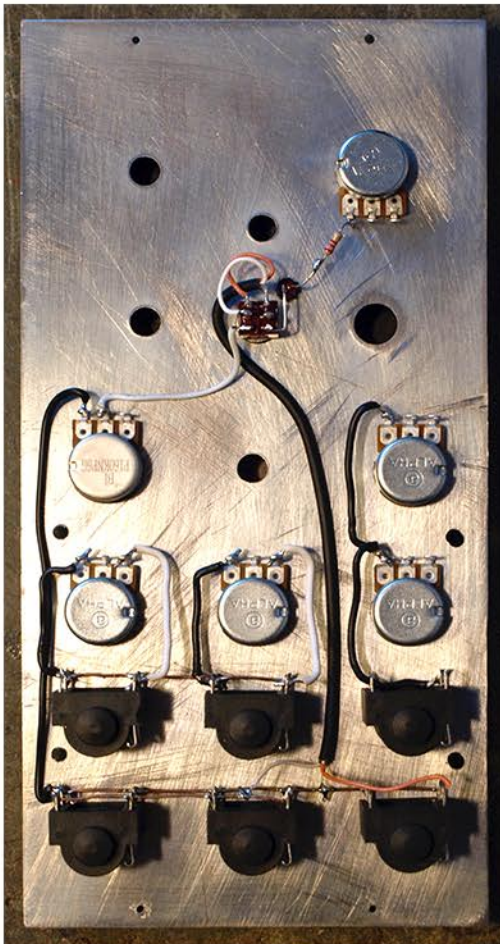


Put the CVs jacks and pots, connect together the sleeves and the ccw of the pots.

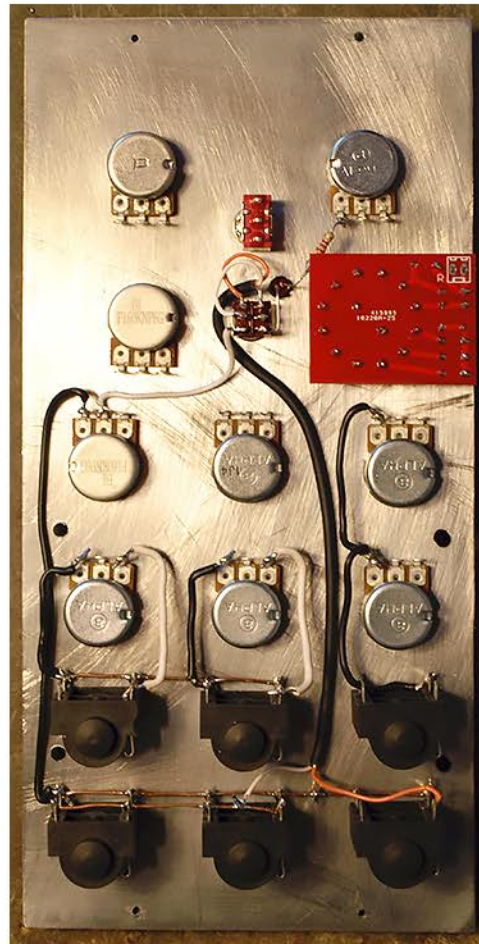
Connect the cw of each pot to its corresponding jack's tip.



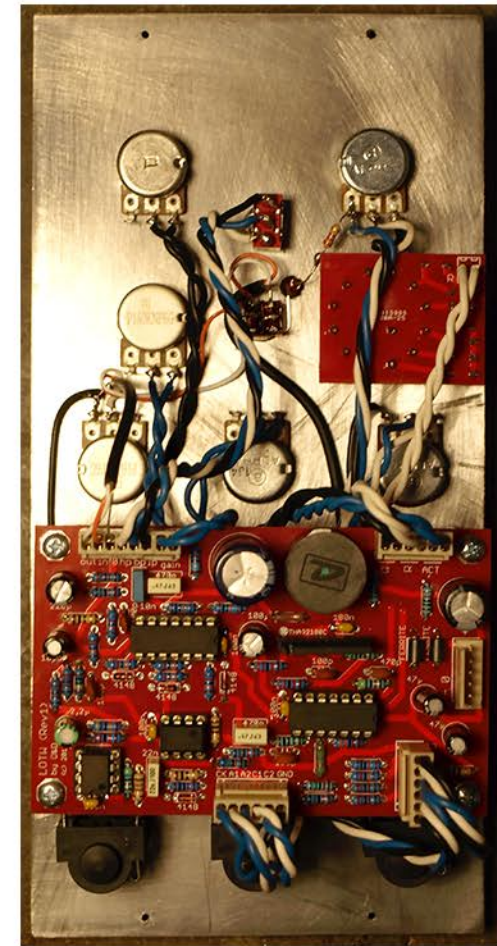
Put the «clock» jack, the «clock» and the «autowah» pots, connect the pots' ccw to the «clock» jack's sleeve.

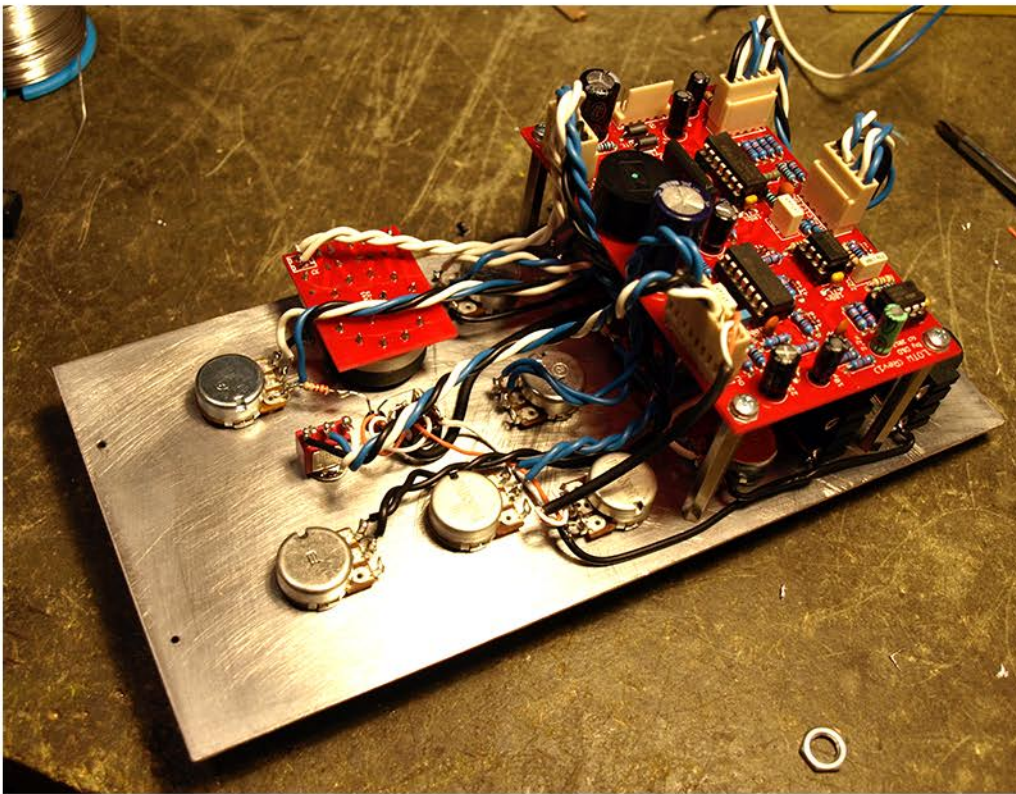


Put the «range» switch, the «action» and the «Q» pots, and the filter mode on-off-on SPDT toggle switch.

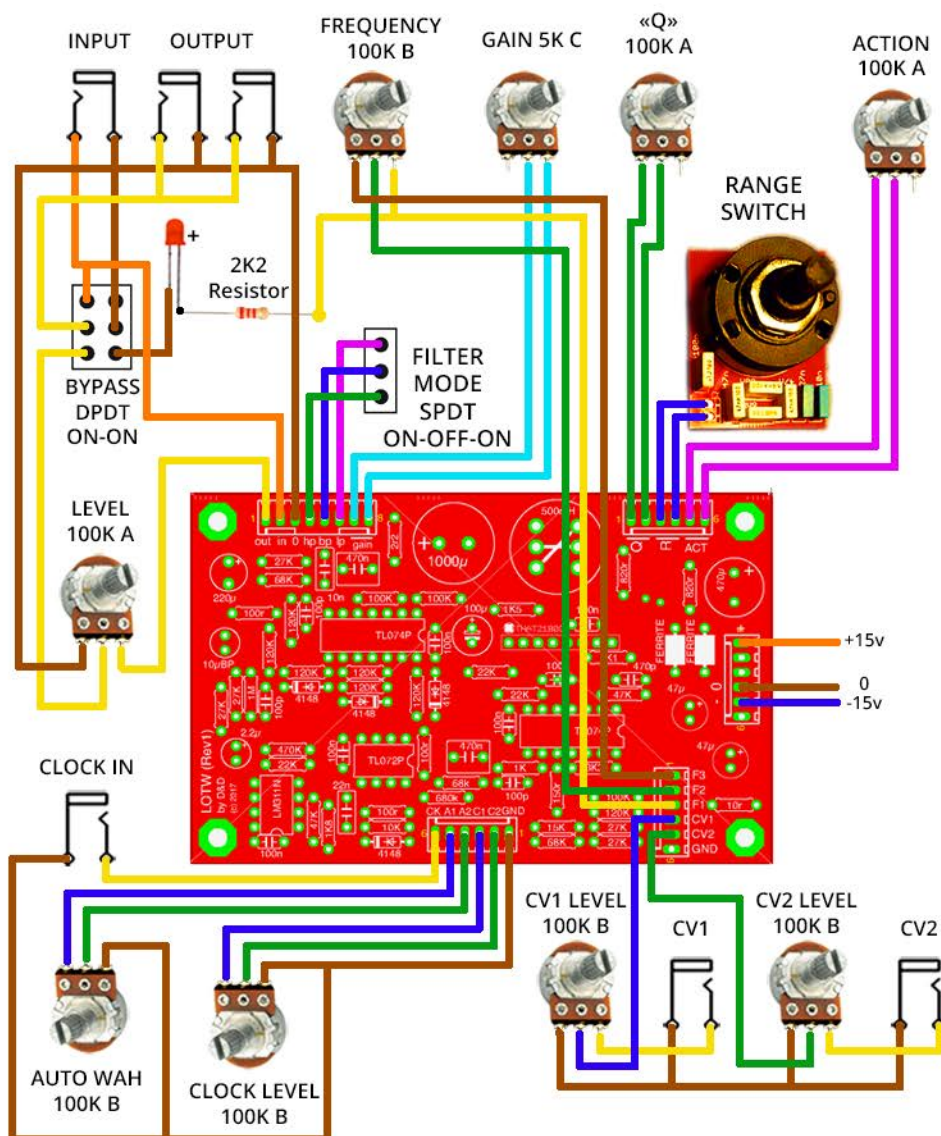


Wire the remaining stuff, screw the main board to the spacers and the spacers to the panel, if you use molex connectors connect them or solder the wires to the board accordingly to the wiring diagram.





Completed unit.



Wiring diagram.

