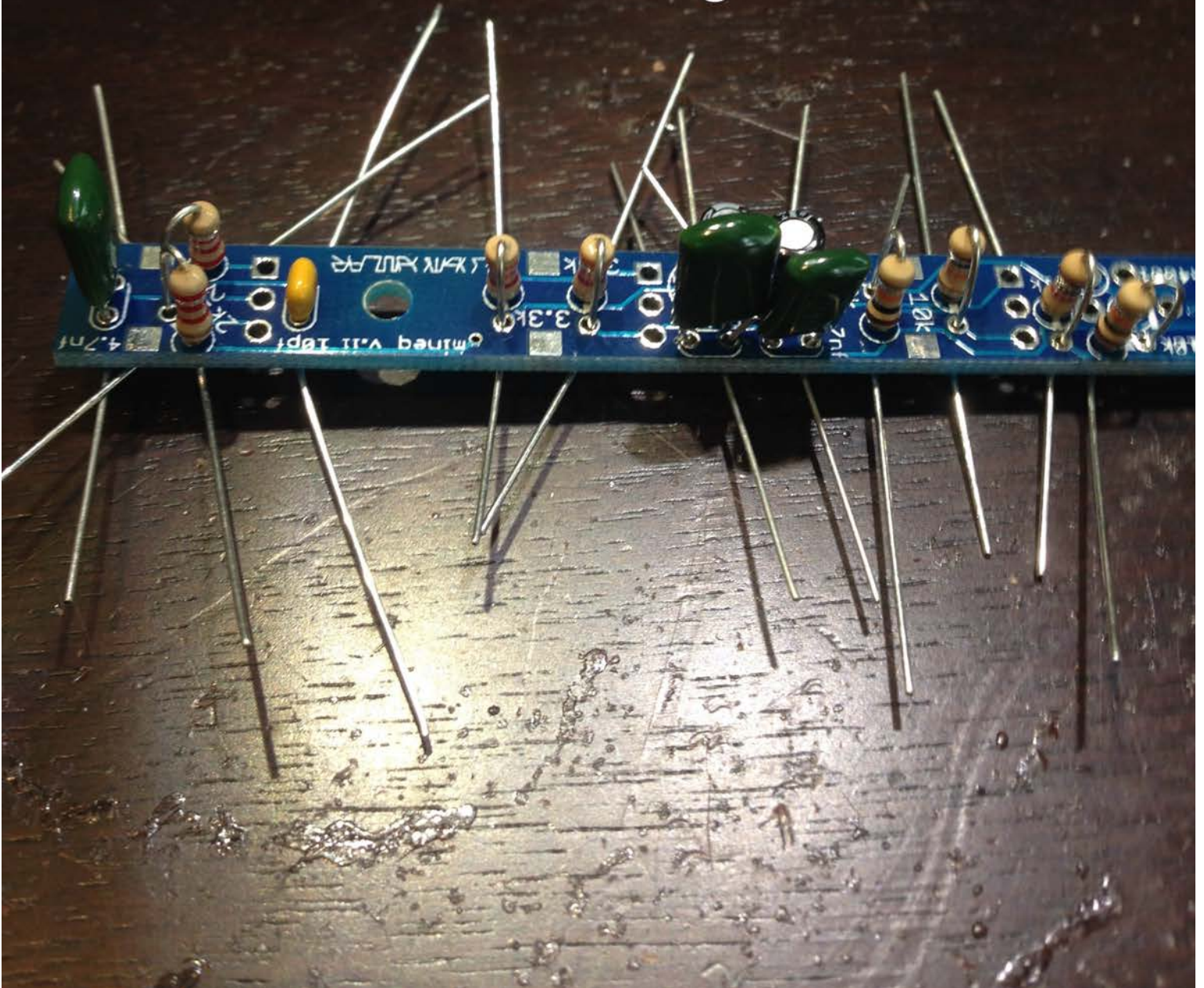
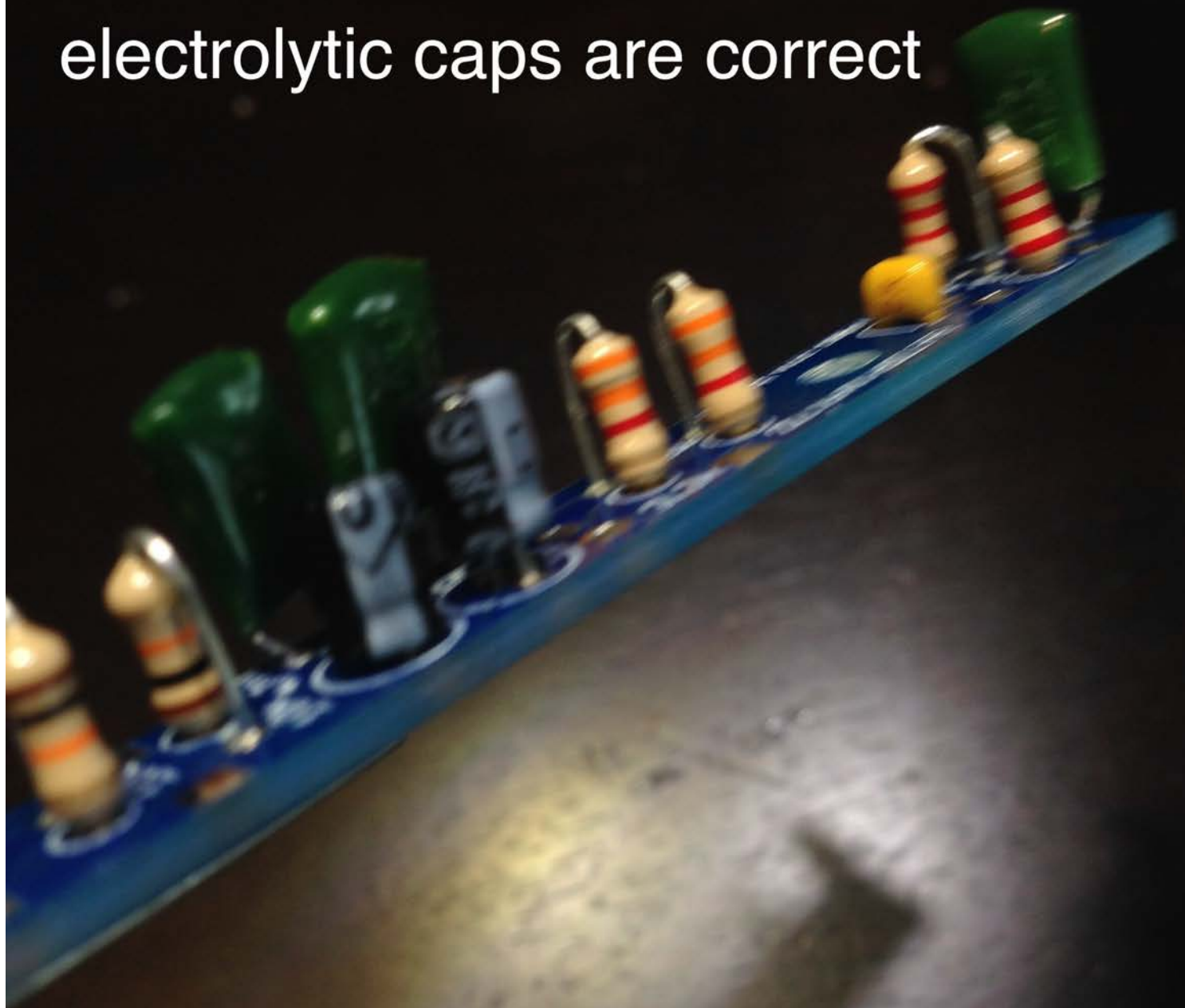


insert all resistors and capacitors according to silkscreen and solder and clip excess legs. make sure the two greens caps next to each other dont touch legs

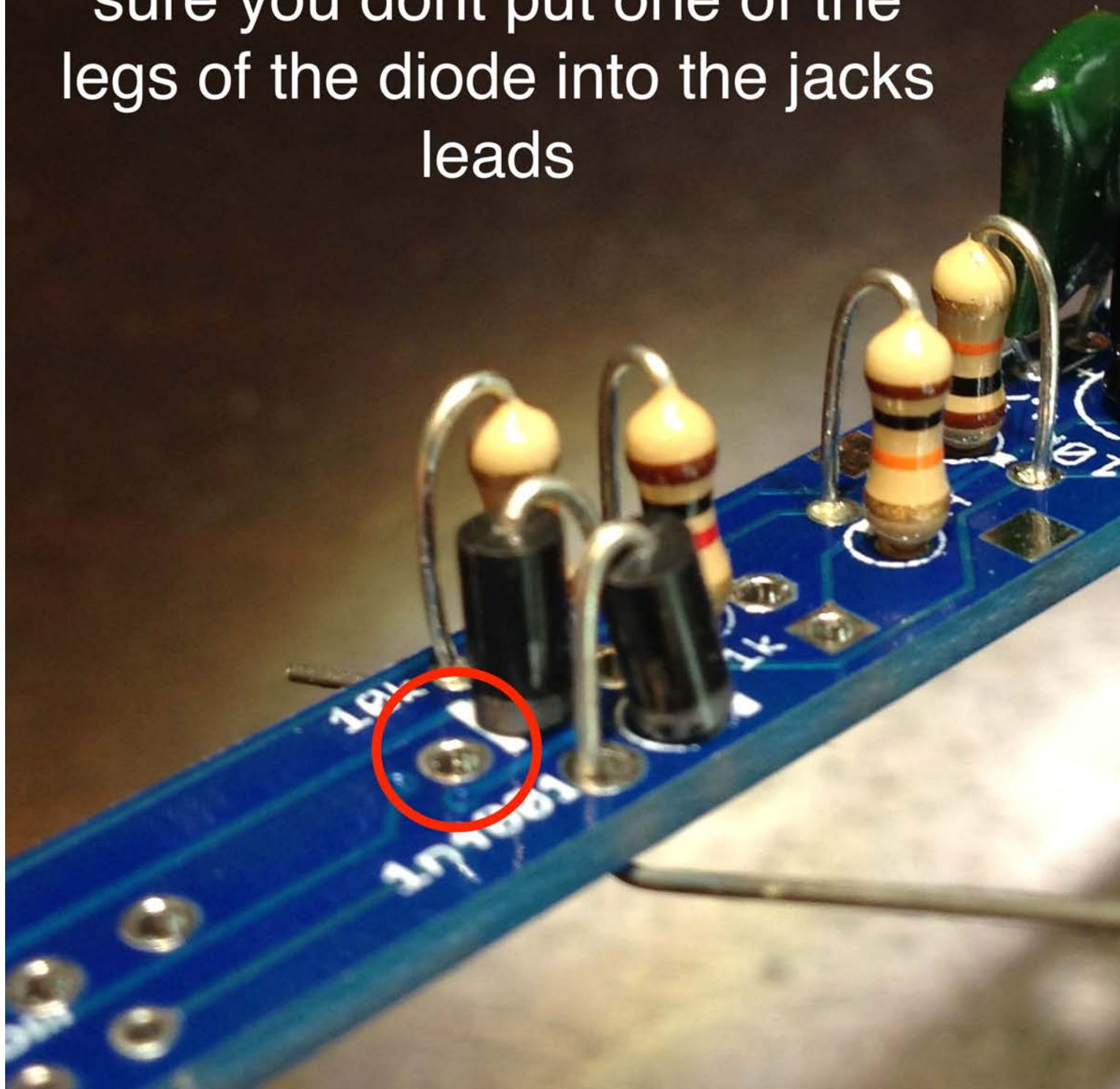




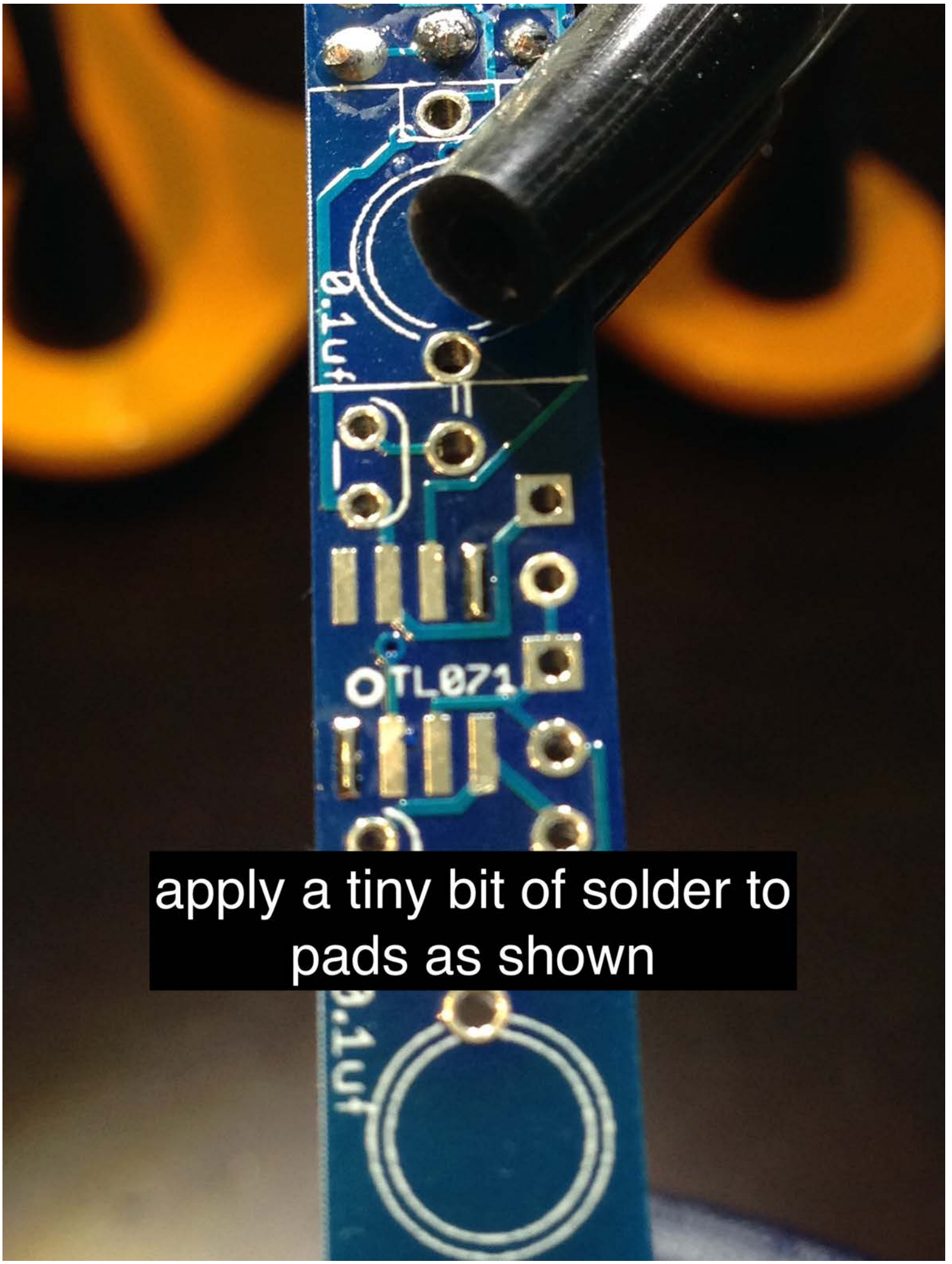
be sure the orientation of the electrolytic caps are correct



next insert the diodes paying close attention to the cathode orientation marked with the silkscreened line. also make sure you dont put one of the legs of the diode into the jacks leads

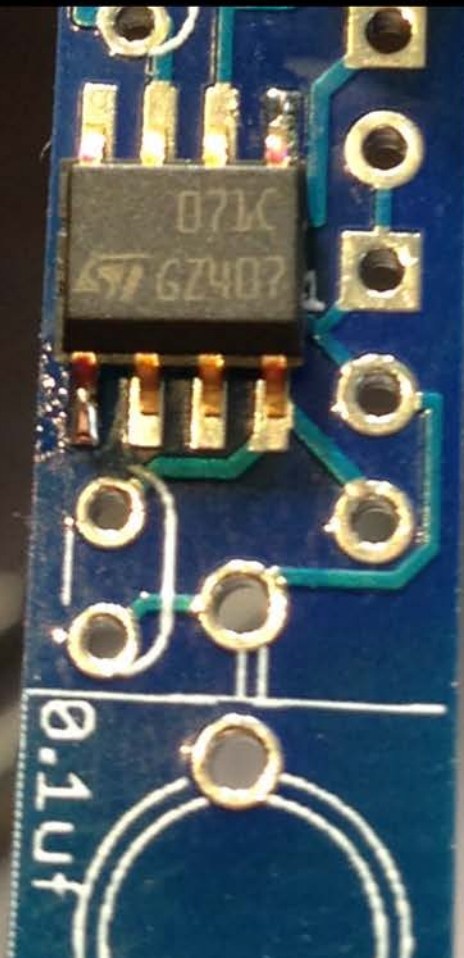






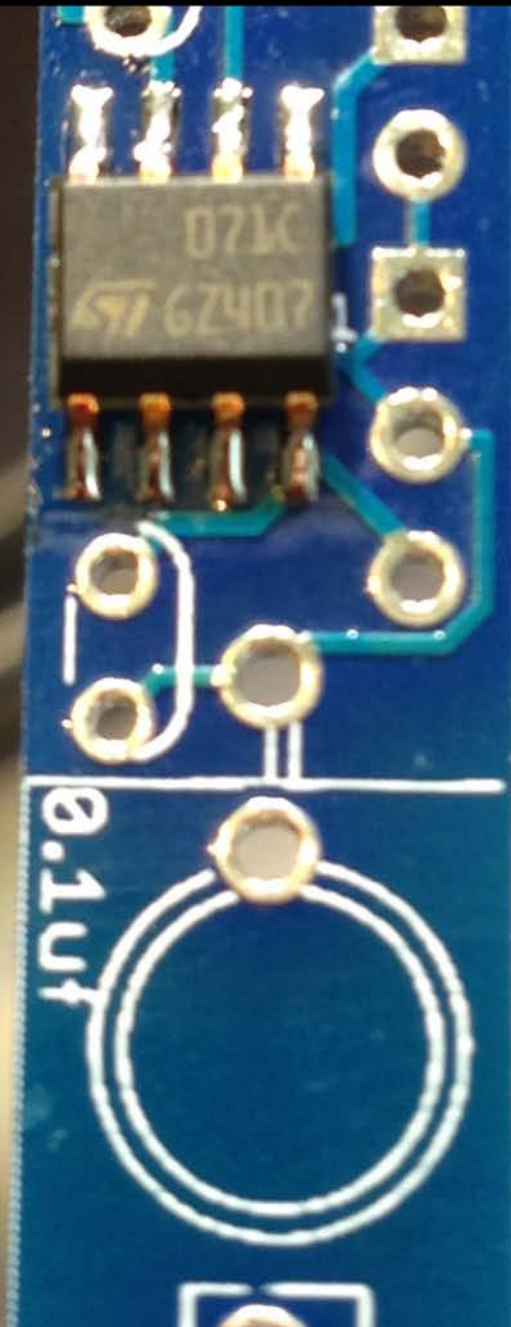
apply a tiny bit of solder to pads as shown

paying attention to chip orientation  
hold the ic down with tweezers  
and solder ONE of the previously  
tinned pads to the leg ensuring the  
leads line up with the pads and the  
chip is relatively flat. you might  
have to repeat this process until  
the chip is lined up properly. then  
solder the diagonal tinned pad to  
the leg to lock the chip in place.

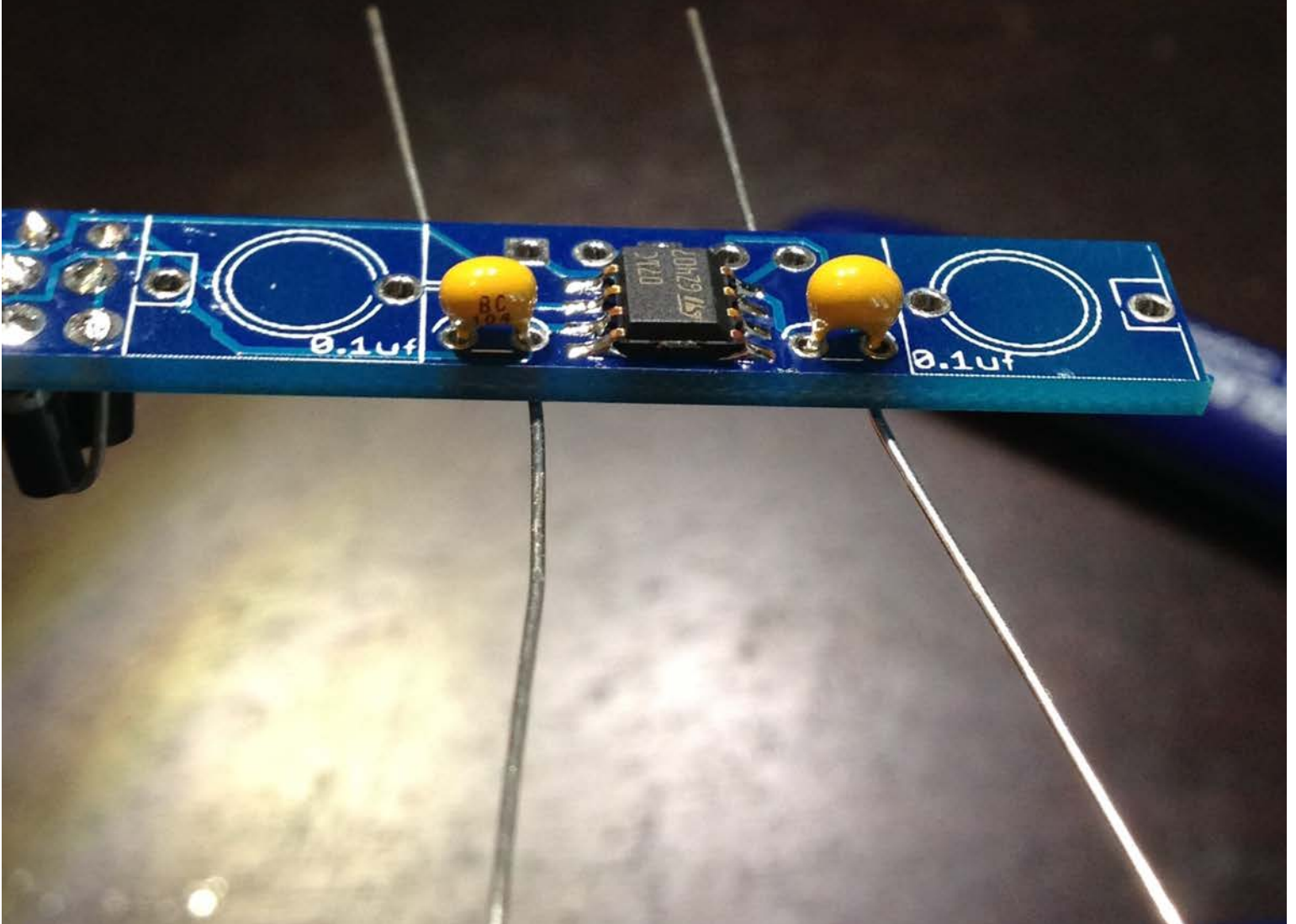




solder the rest of the legs. make sure not to use too much solder or heat. take your time and use good lighting and a magnifying glass if needed. if legs are bridged touch the iron to the affected area and soak up the solder and try to drag it away and then clean your tip off

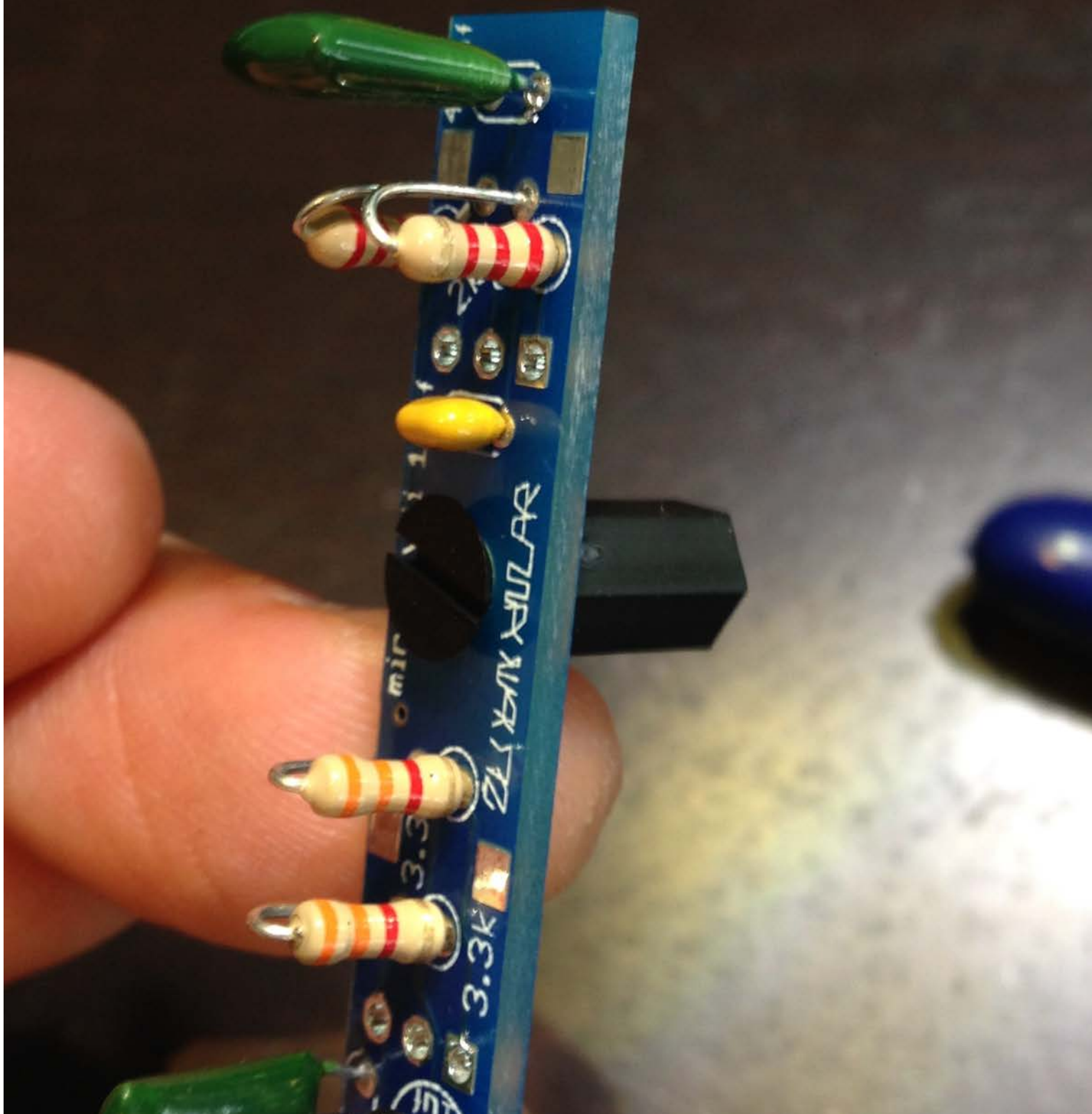


add 0.1uf caps and solder and clip



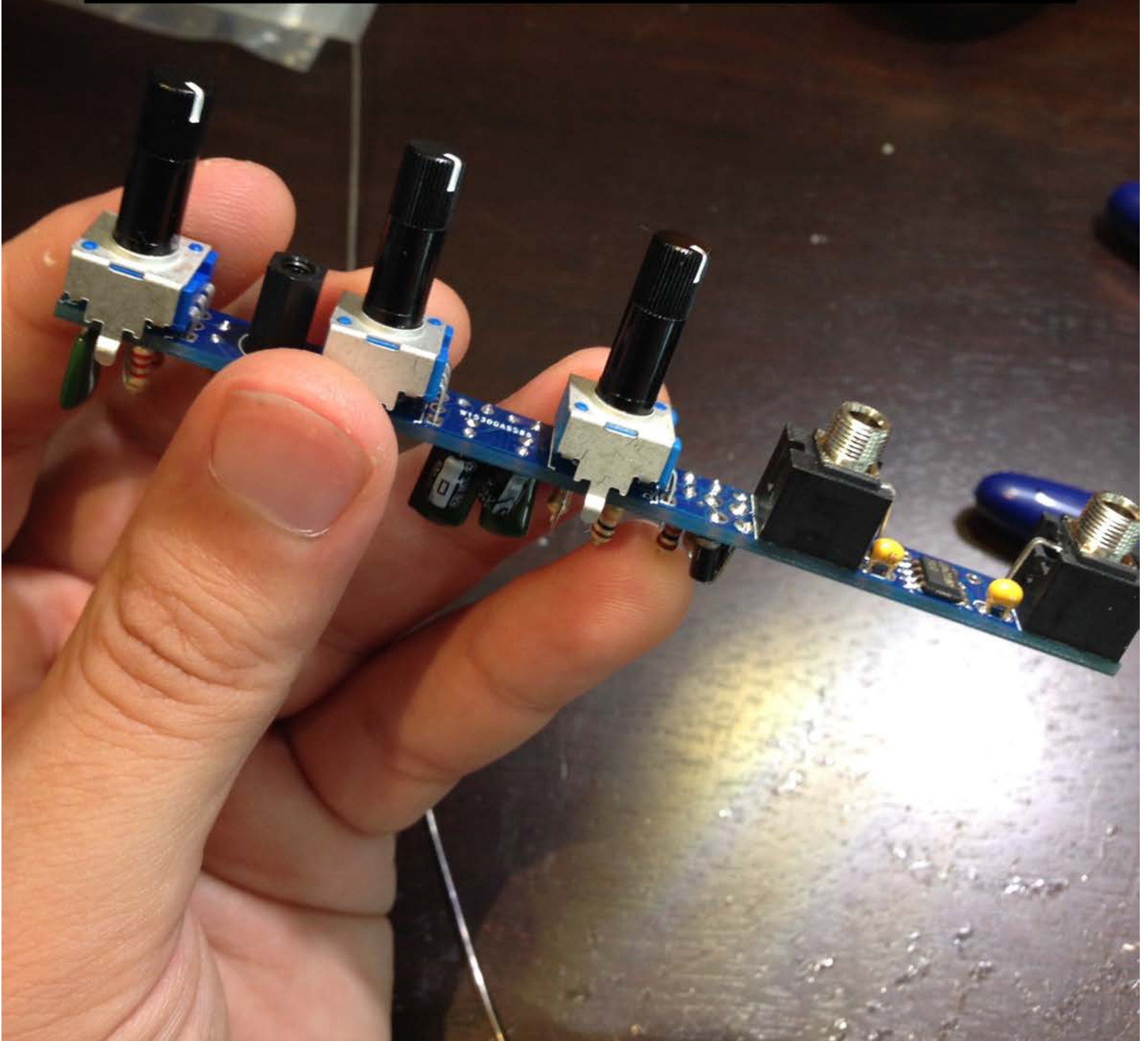


screw the spacer in with the flat head nylon screw on the bottom

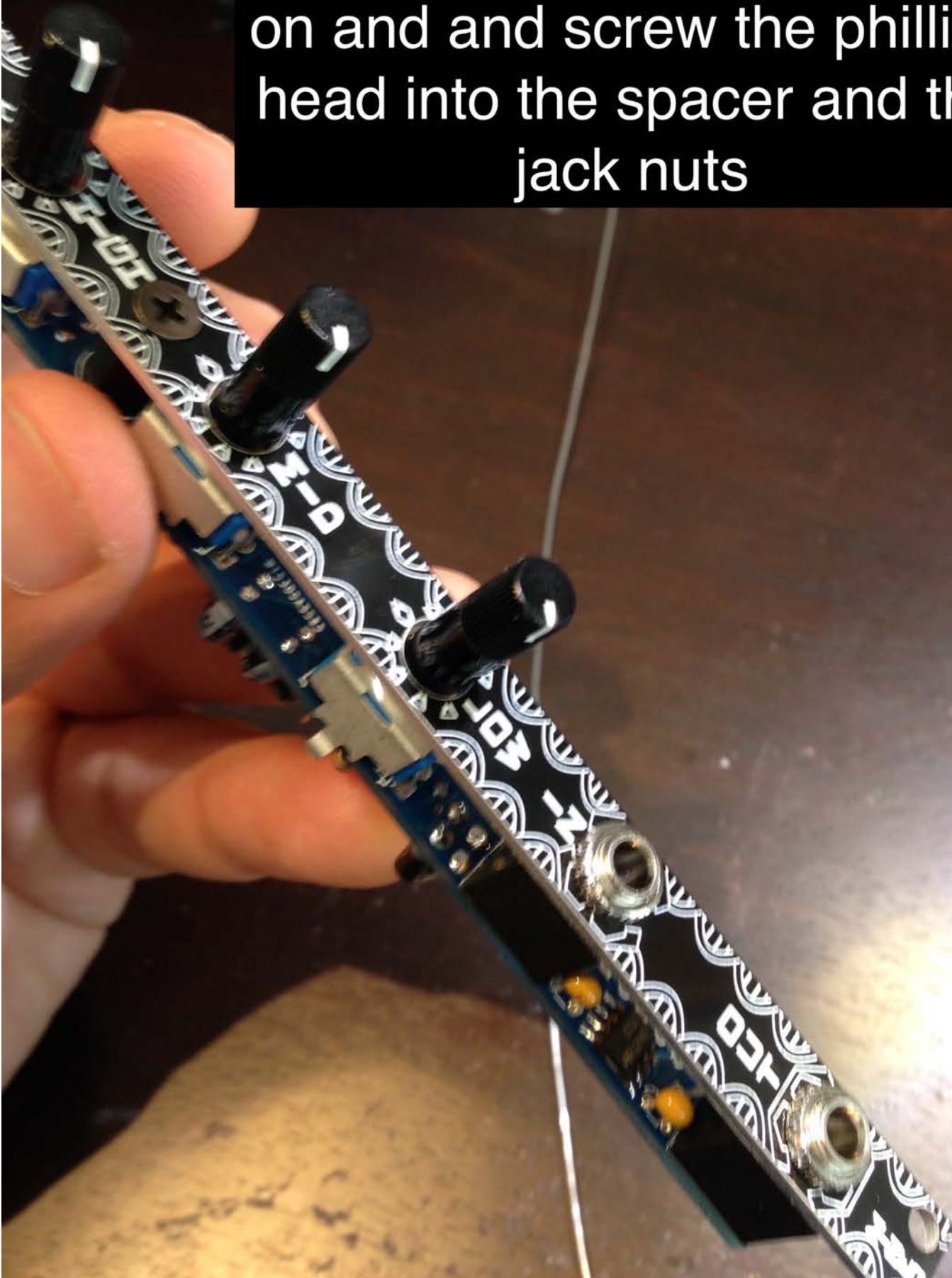




insert the pots and jacks. make sure the b500k goes on the top for the high band. there are potentiometer codes underneath the shaft. b504 is for b500k, b104 is for b100k.

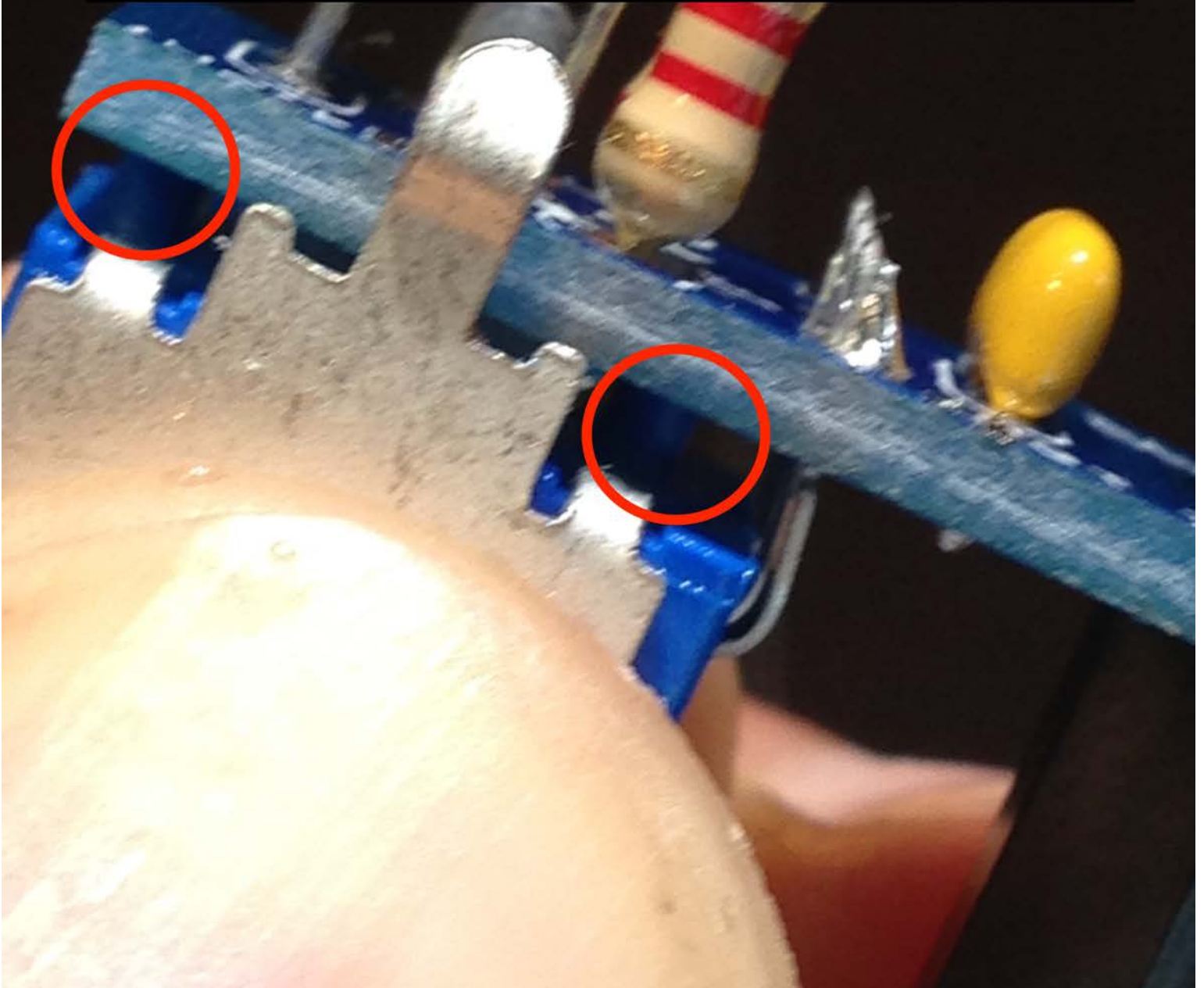


before soldering put the panel on and and screw the phillips head into the spacer and the jack nuts

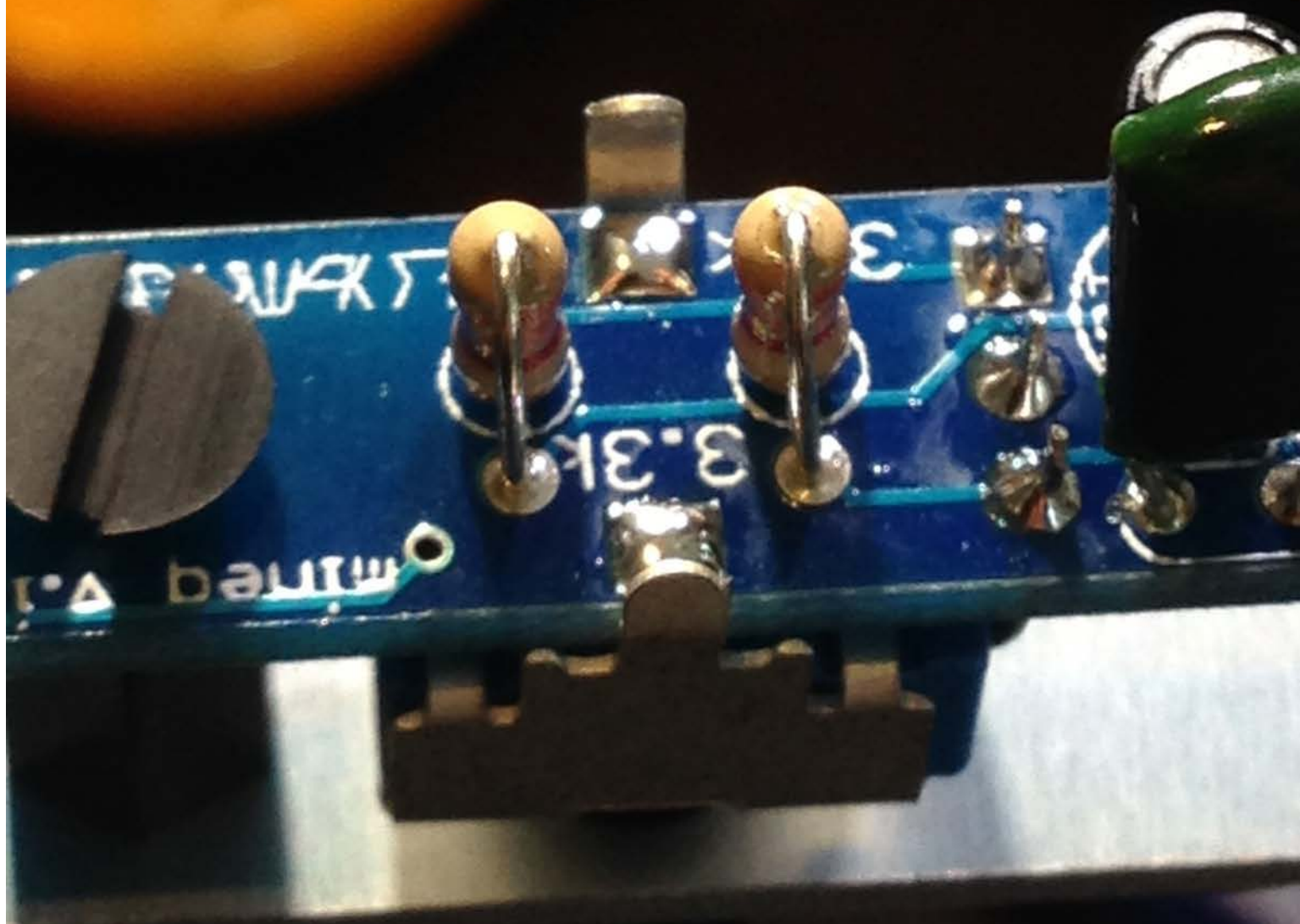




hold the pot in place so the 2 blue nubs are flush with the pcb and simulatenously solder the middle wiper leg to hold it in place. then check that the is shaft of the pot is straight and isnt contacting any parts of the panel before soldering other leg. repeat for all pots

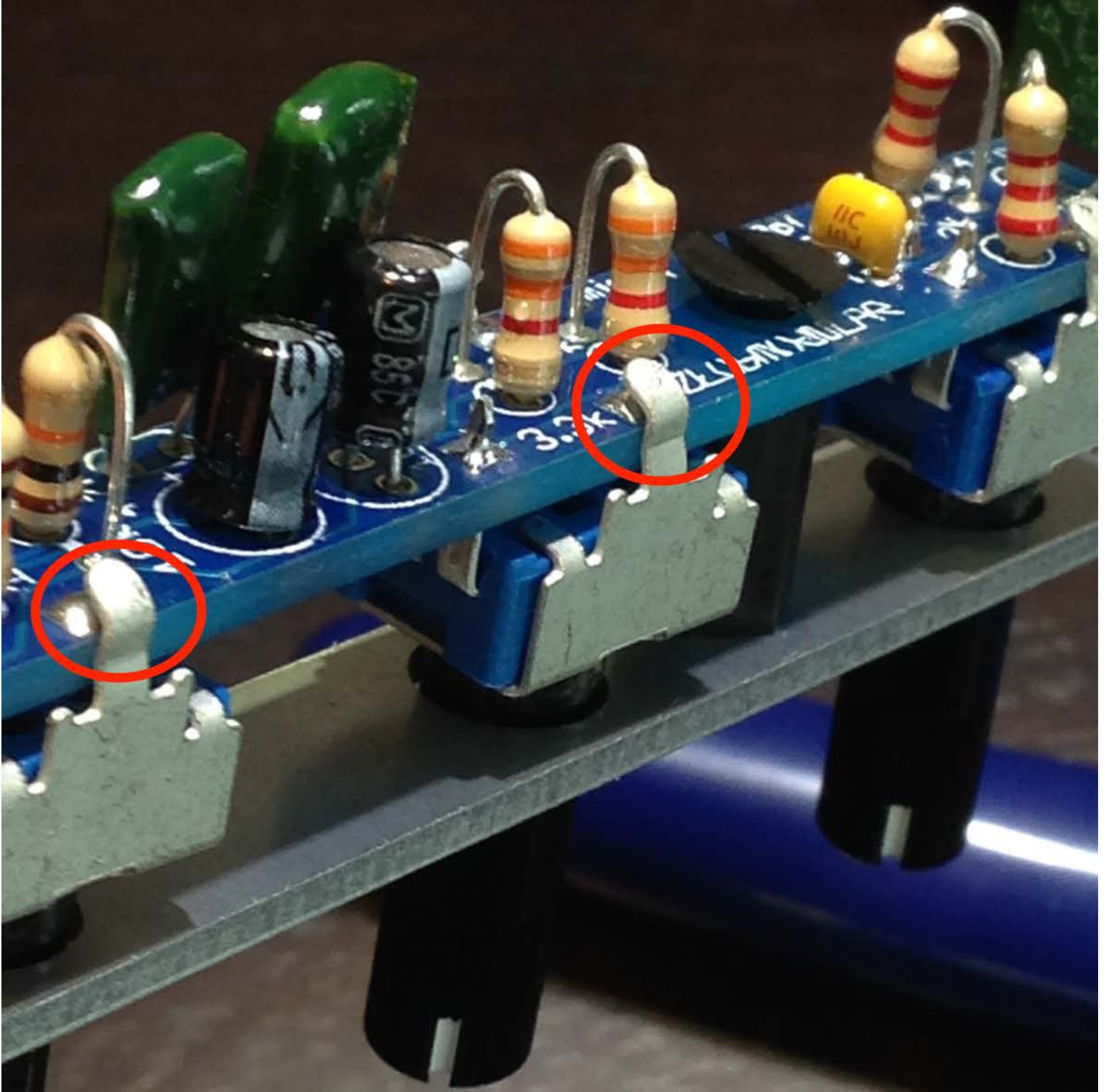


tin the pads for the pot chassis

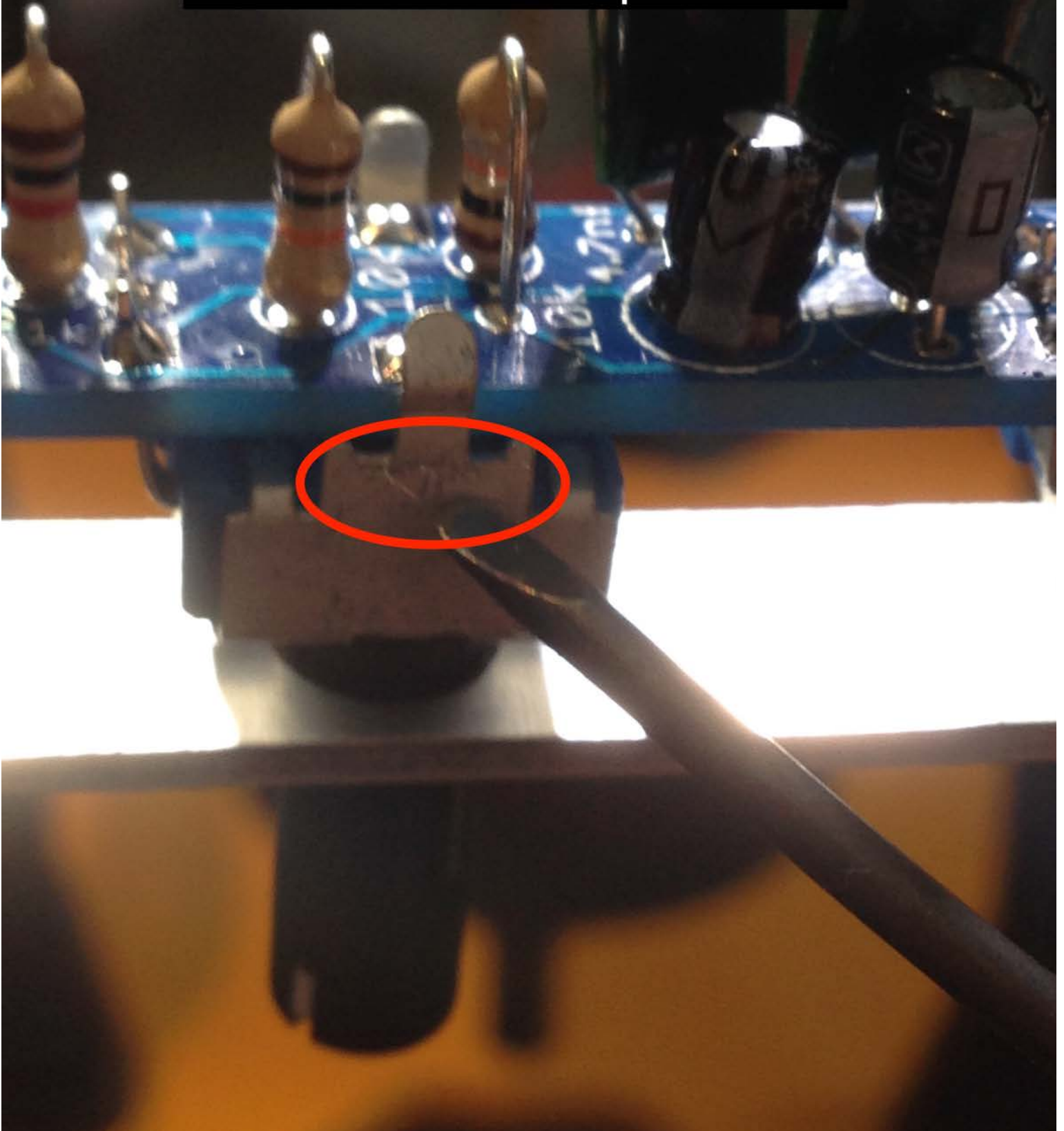




with a flat tip screwdriver bend  
the legs of the chassis towards  
the tinned pads.

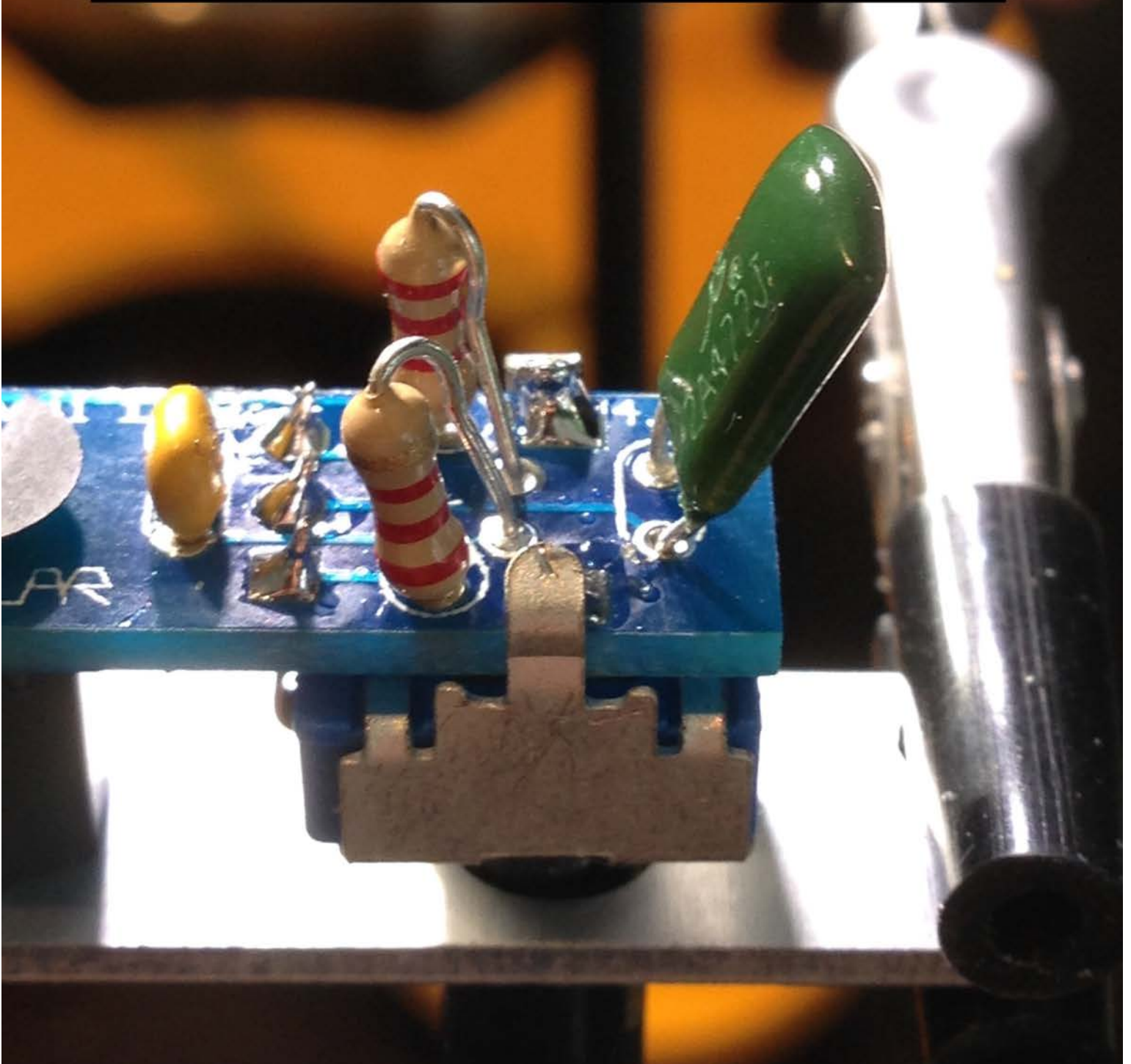


make sure the part circled  
in red isnt sticking out too  
much by also bending  
towards the pcb

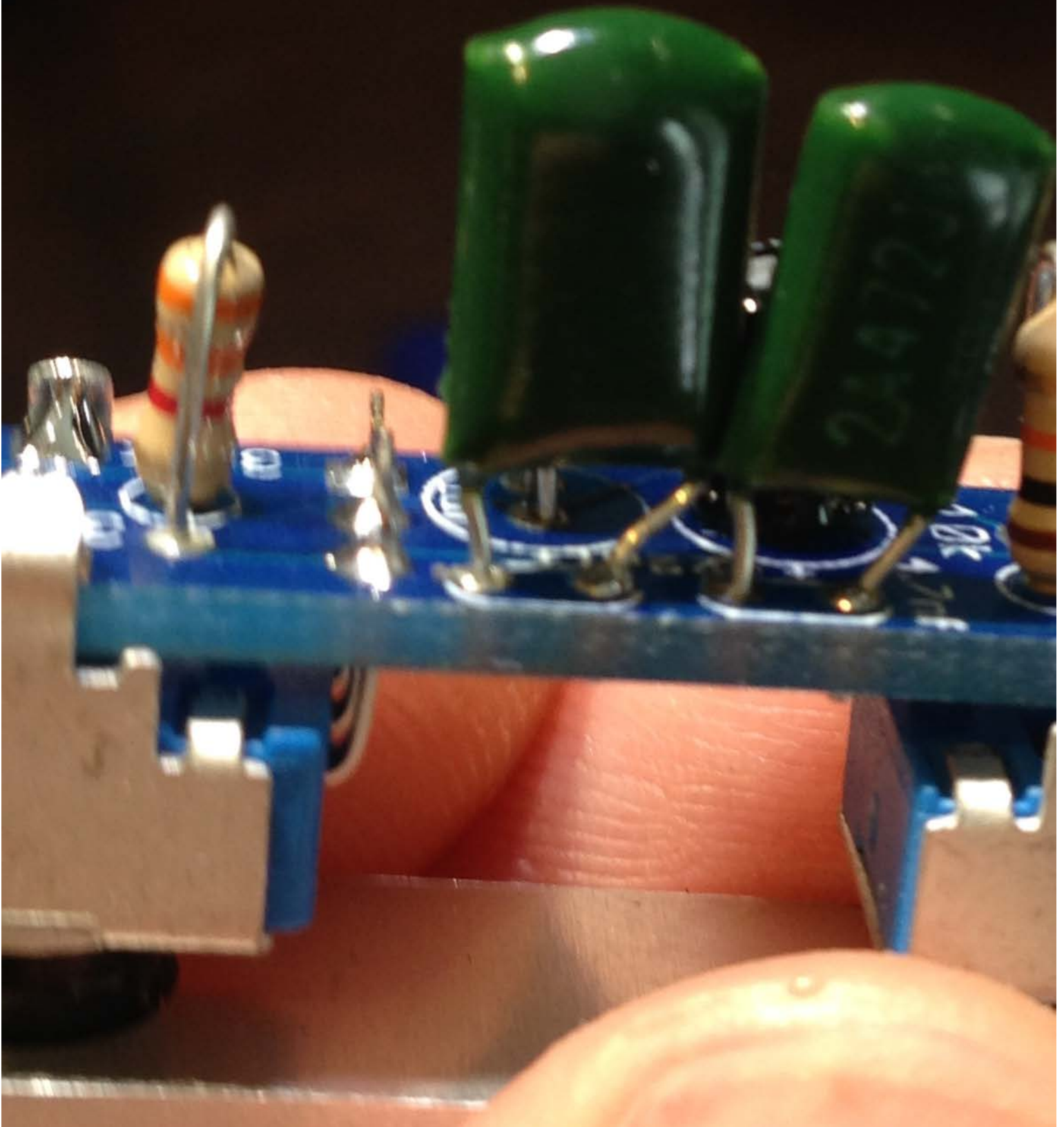




you will most likely need to bend  
some of the components out of the  
way to solder the chassi legs

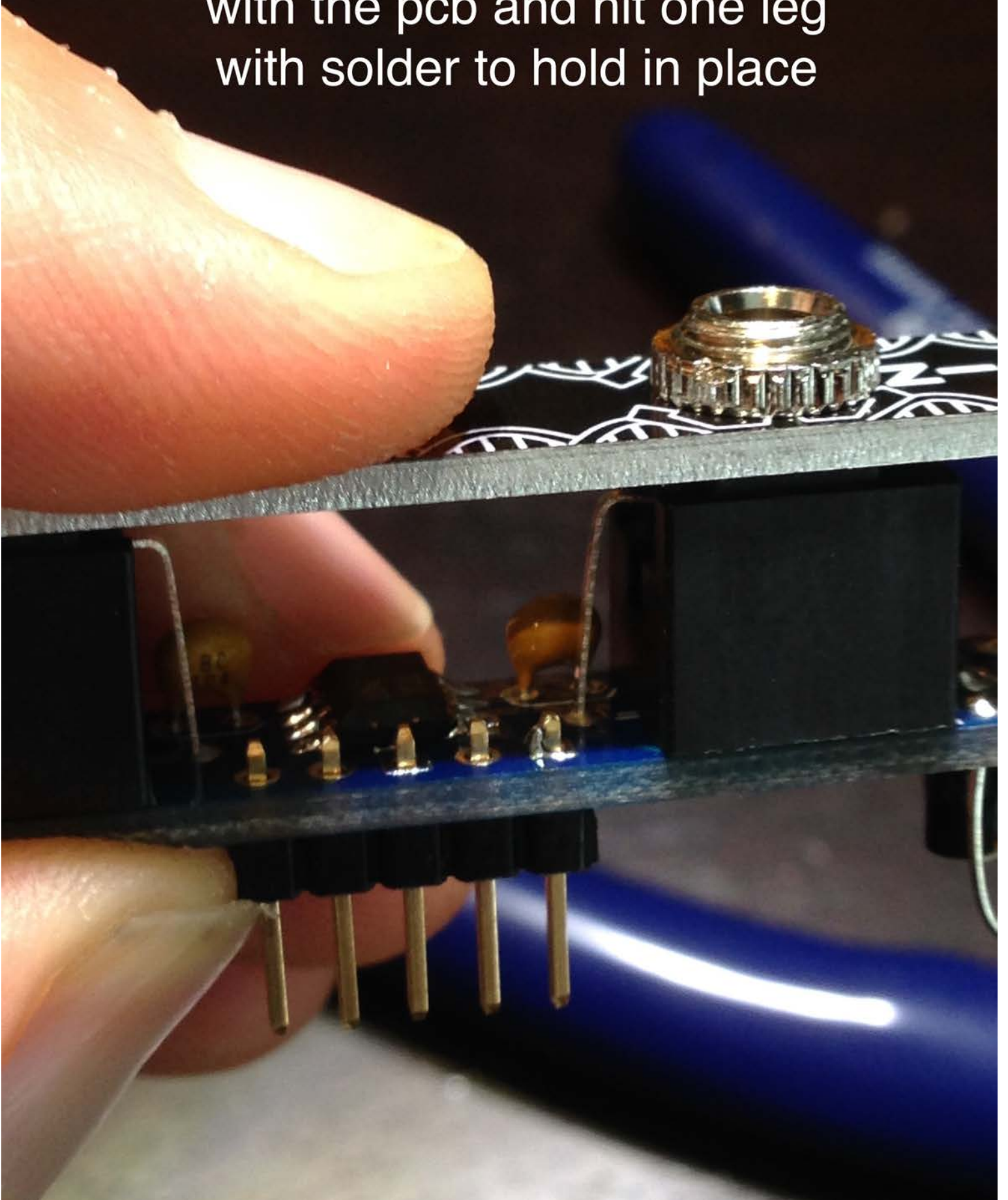


ensure the caps legs arent coming into contact with each other

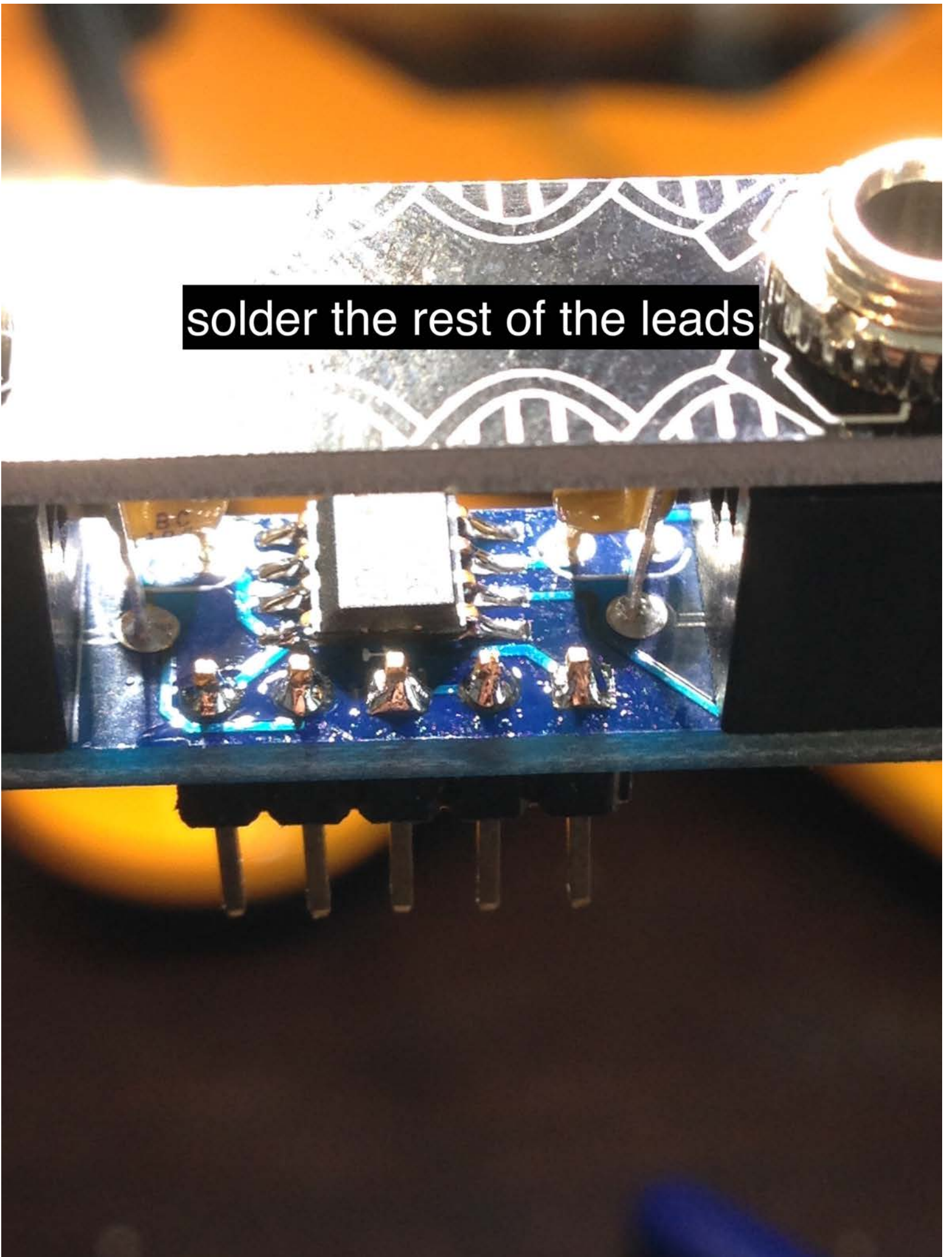




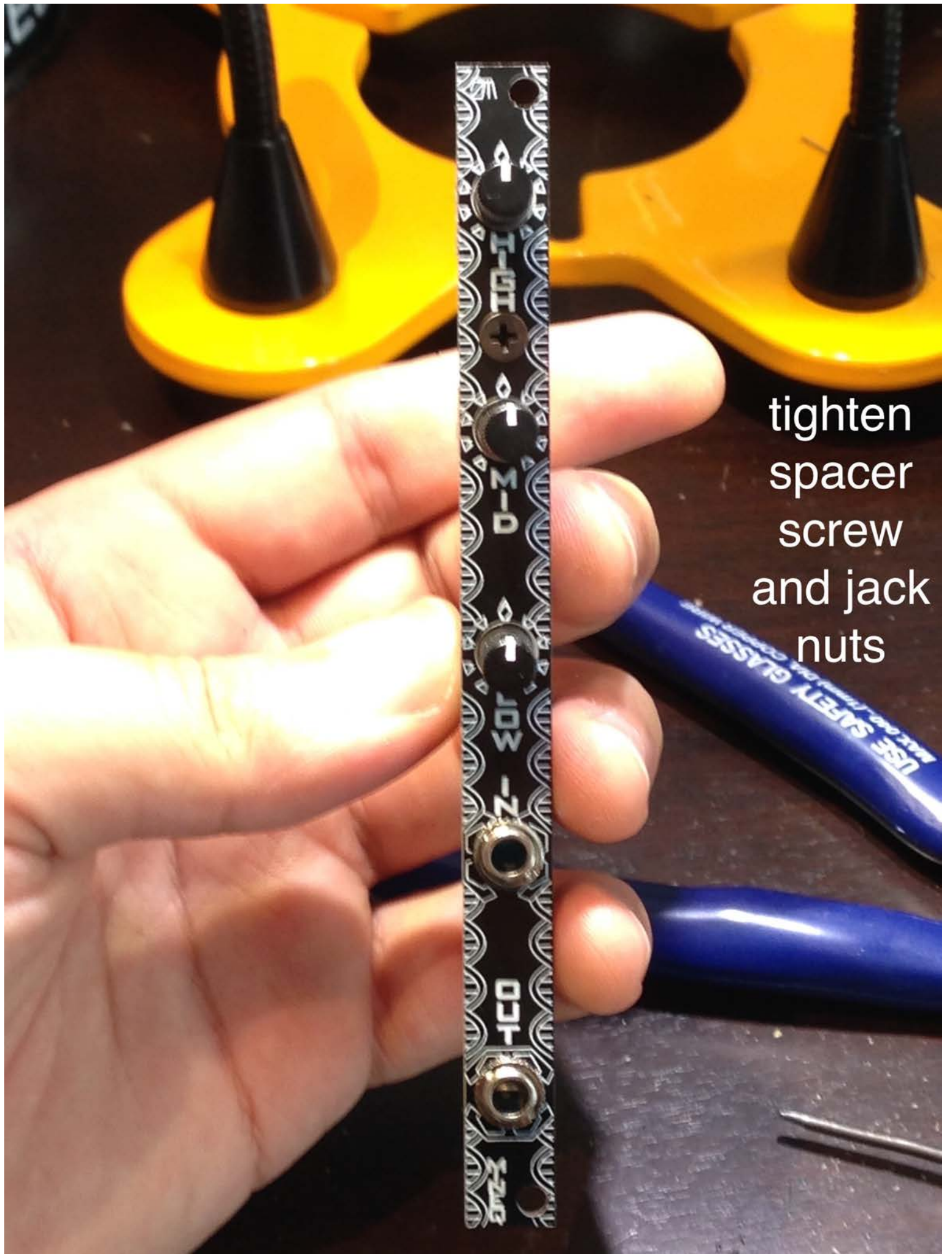
hold the power header flush  
with the pcb and hit one leg  
with solder to hold in place



solder the rest of the leads







tighten  
spacer  
screw  
and jack  
nuts