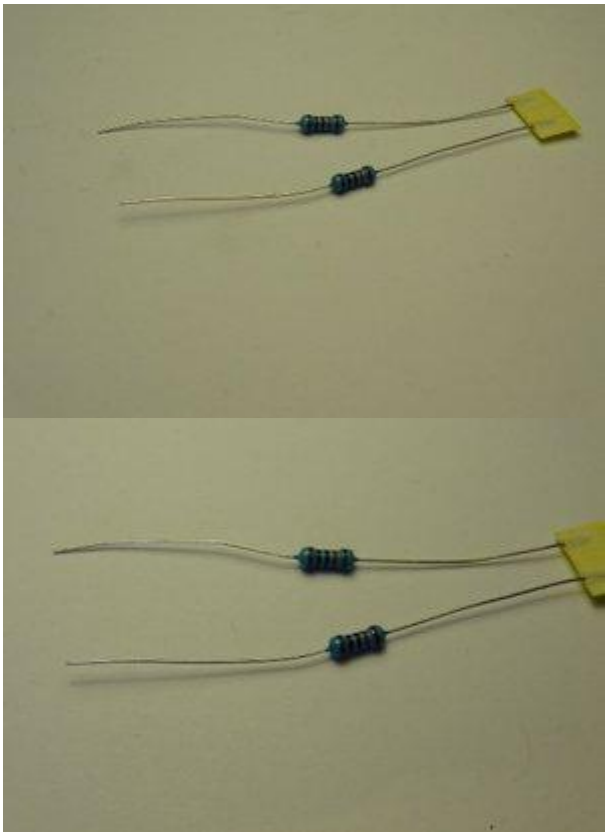
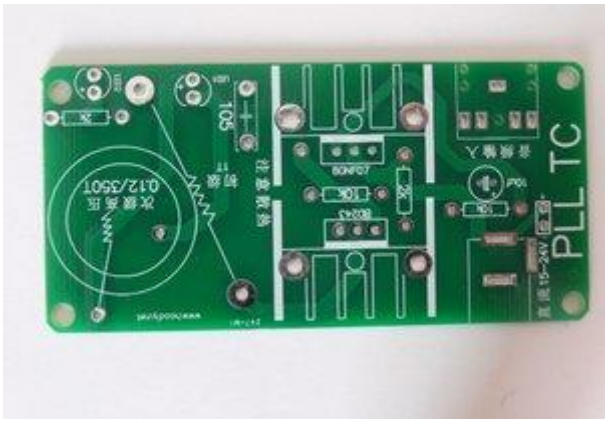
NO.	Component Name	PCB Marker	Parameter	QTY
1	Metal Film Resistor	R1,R4	10K	2
2	Metal Film Resistor	R3,R5	2K	2
3	TIP41	Q2		1
4	LED	LED1,LED2	3mm	2
5	Audio Socket	J2		1
6	Electrolytic Capacitor	1uf	C1	1
7	IRF530	Q1		1
8	Power Socket	J1	5.0*2.1mm	1
9	Primary coil	L1	2-3T	1
10	Secondary coil	L2	350T	1
11	Copper pillar		M3*10	4
12	Screw		M3*6	4
13	Heat sink			1
14	PCB		40*76mm	1

Step 3: Placing the Resistors





In the kit are 4 resistors:

- 2 x 2K with the colour bands RED-BLACK-BLACK-BROWN
- 2 x 10K with the colour bands BROWN-BLACK-BLACK-RED

Place them at the right place according to the silkscreen (white text on PCB) or have a look at the picture.

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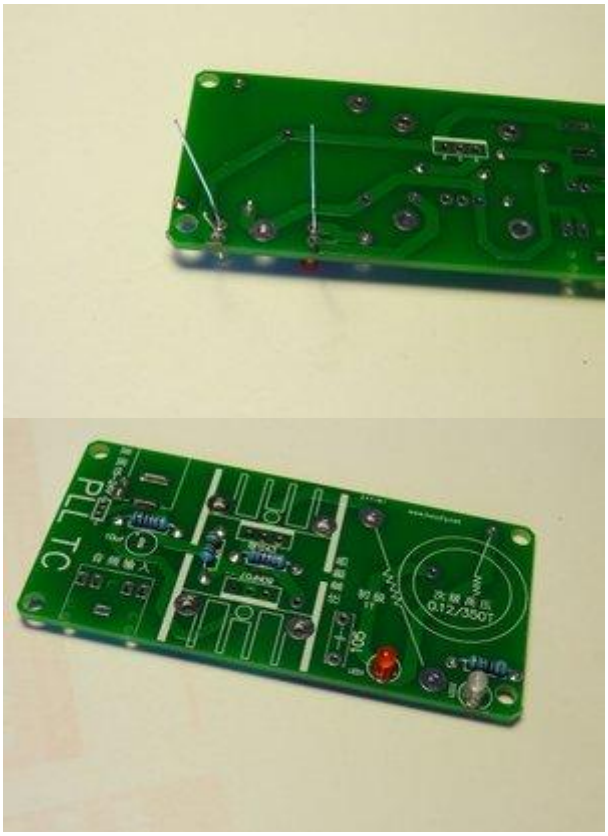
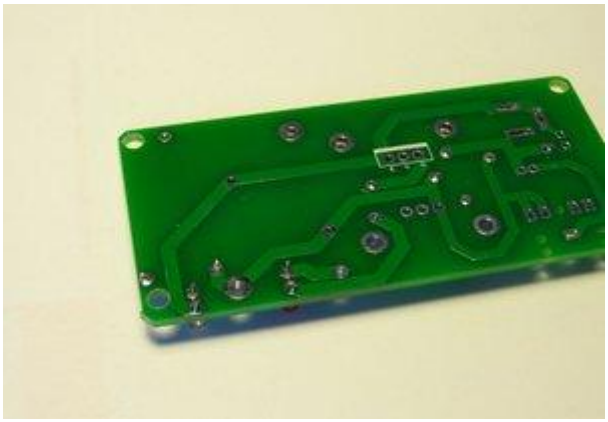
Step 4: Placing the LEDS

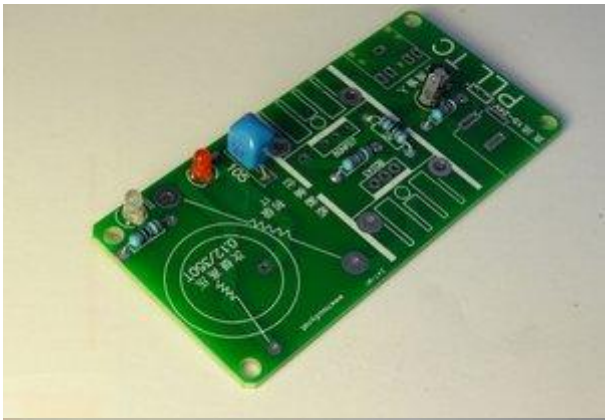


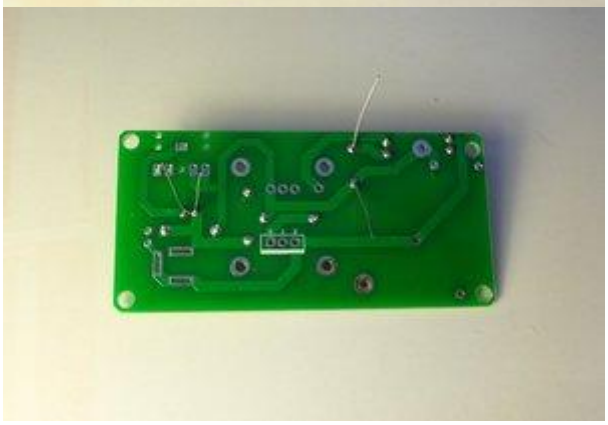


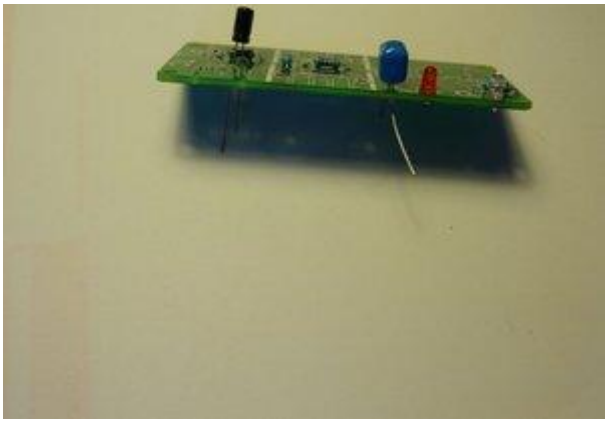
For the LEDS it's important to check the polarity and to be sure you place them in the right orientation.

On the PCB are "+" symbols this is where the anode of the LED has to go, This is the LONG LEG of the LED.
Another trick is to check the flat side on the plastic of the LED (this is the "-" or the cathode, short leg) this has to go to the flat side of the circle on the PCB.

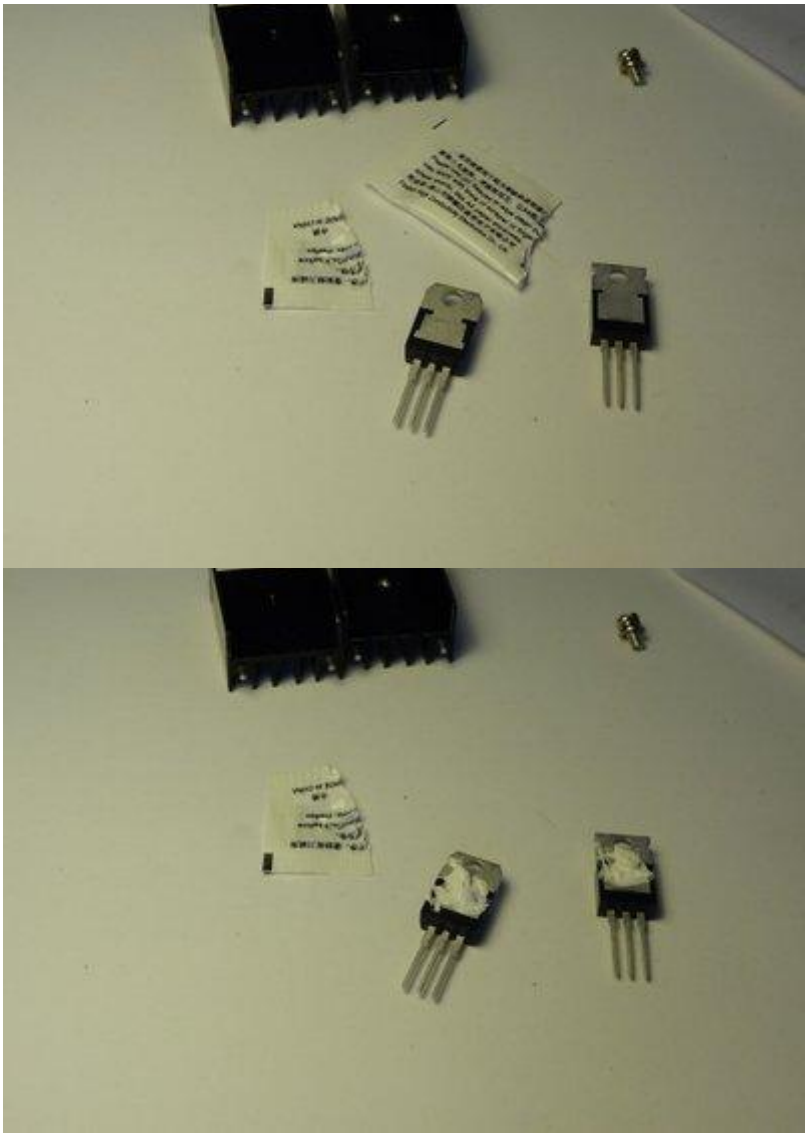
Step 5: Placing the Capacitors





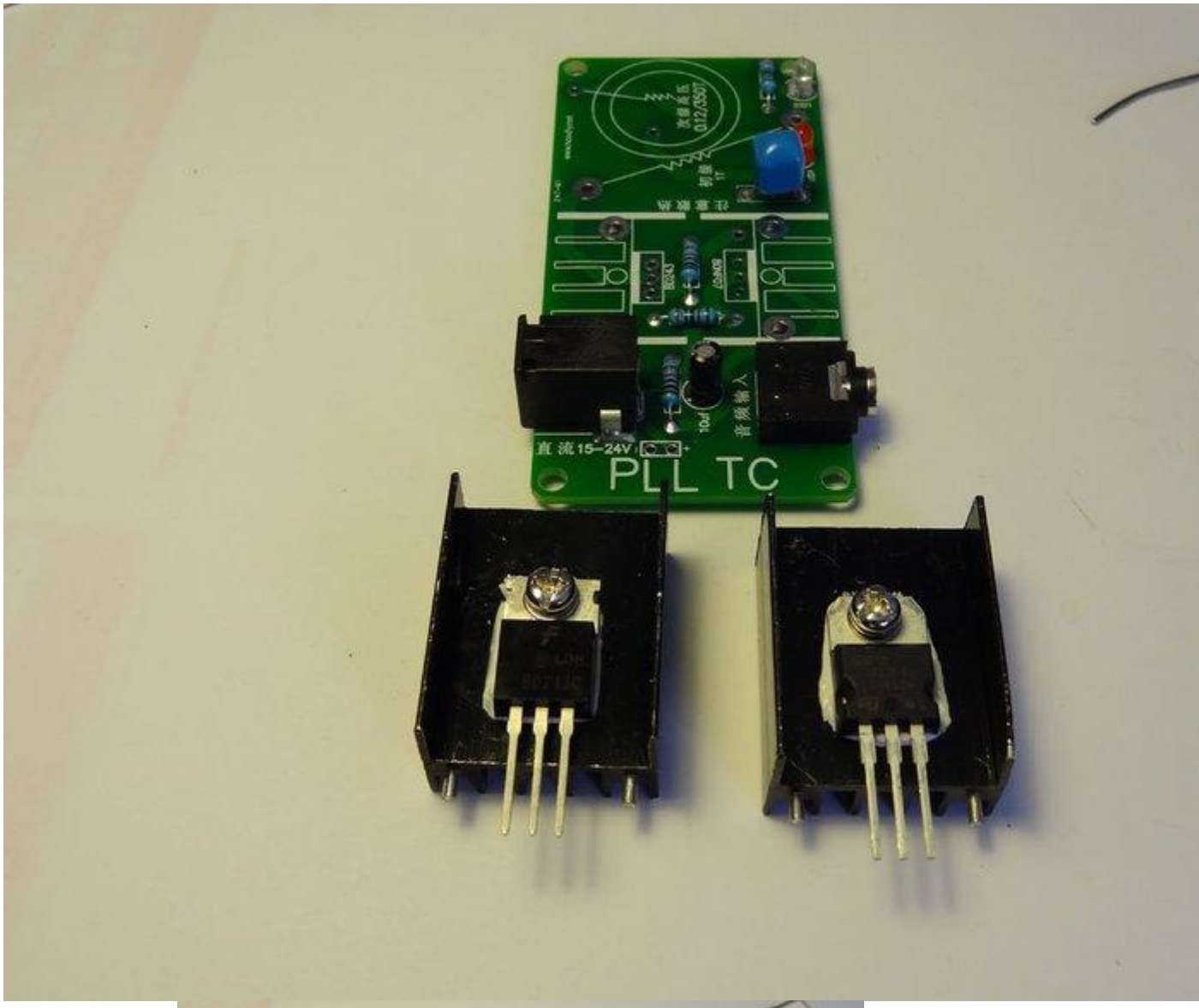


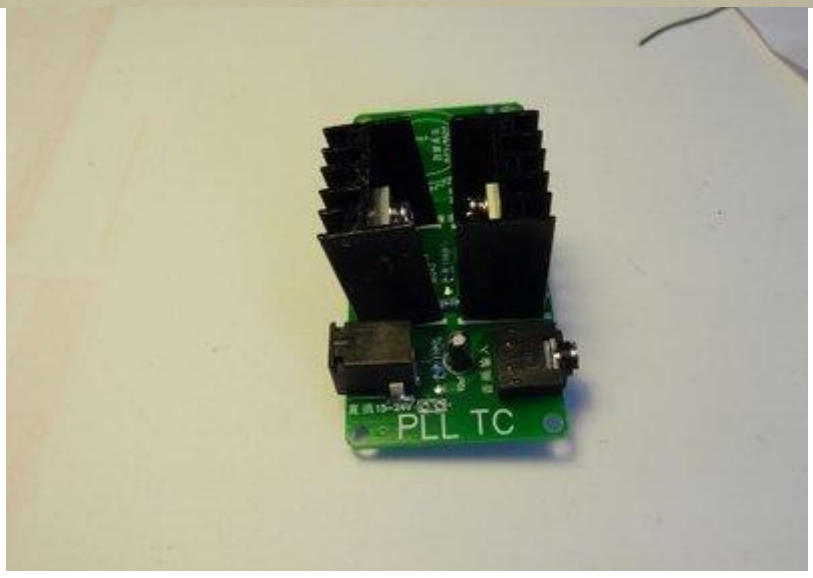
Step 6: Preparing the Mosfets

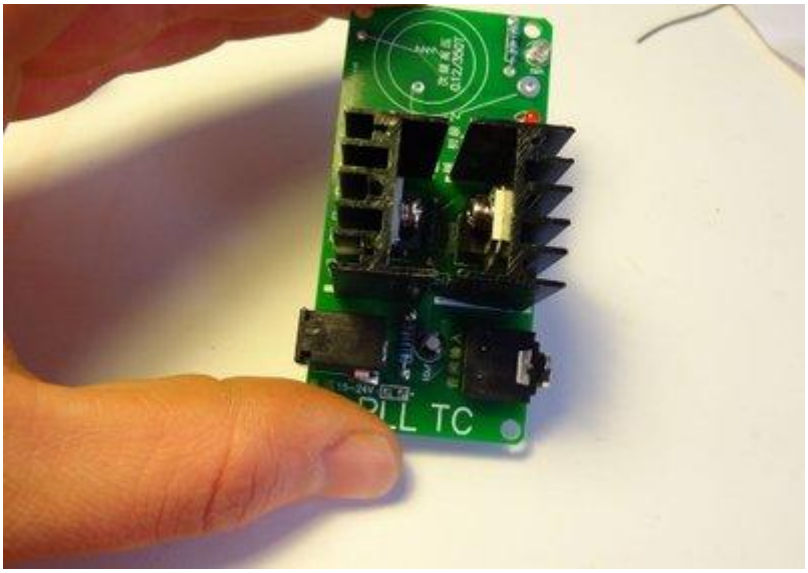


Before you mount the mosfets onto the heat-sinks you'll need to apply some thermal paste between them.

Step 7: Placing the Mosfets


PLL TC


PLL TC



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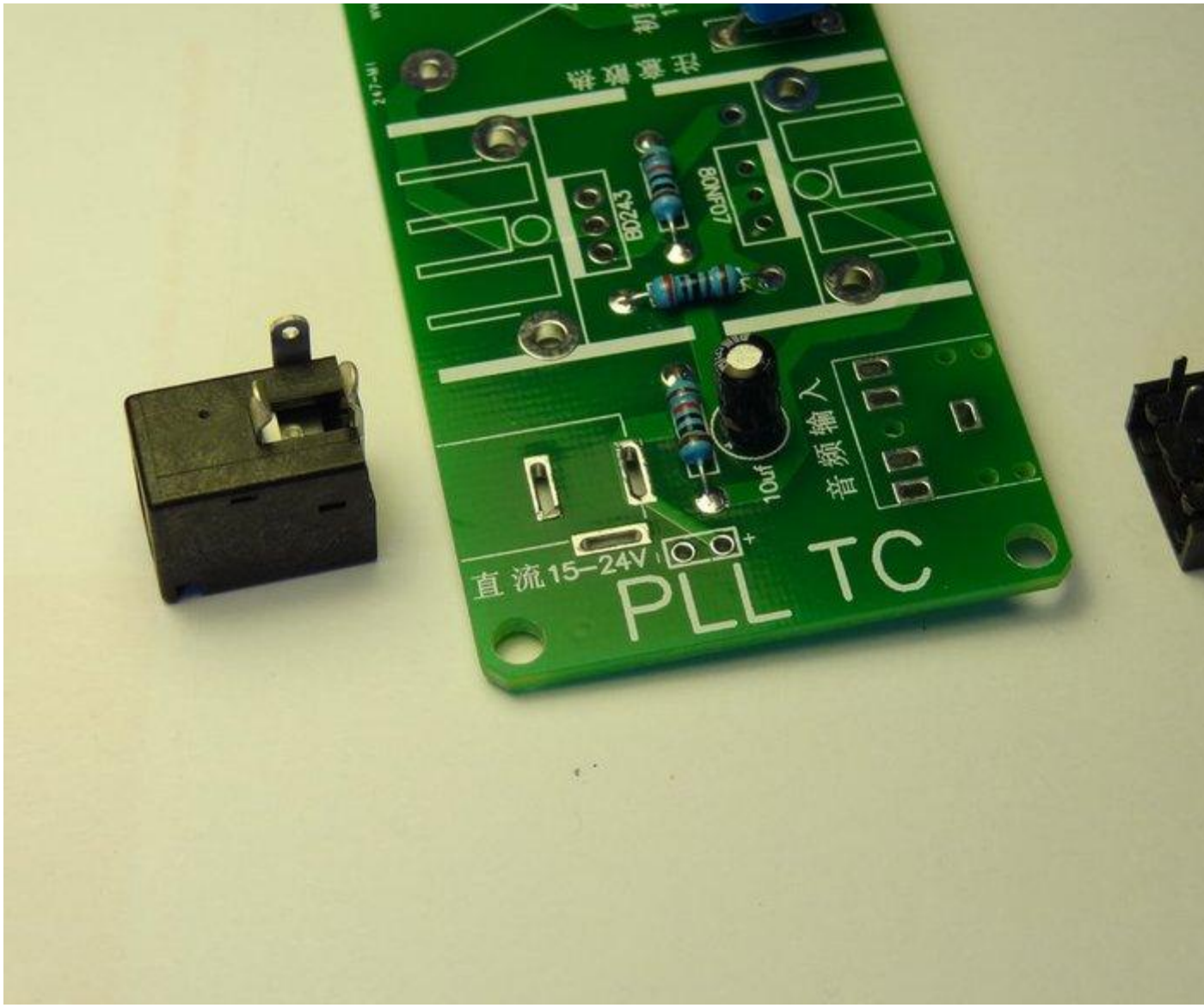
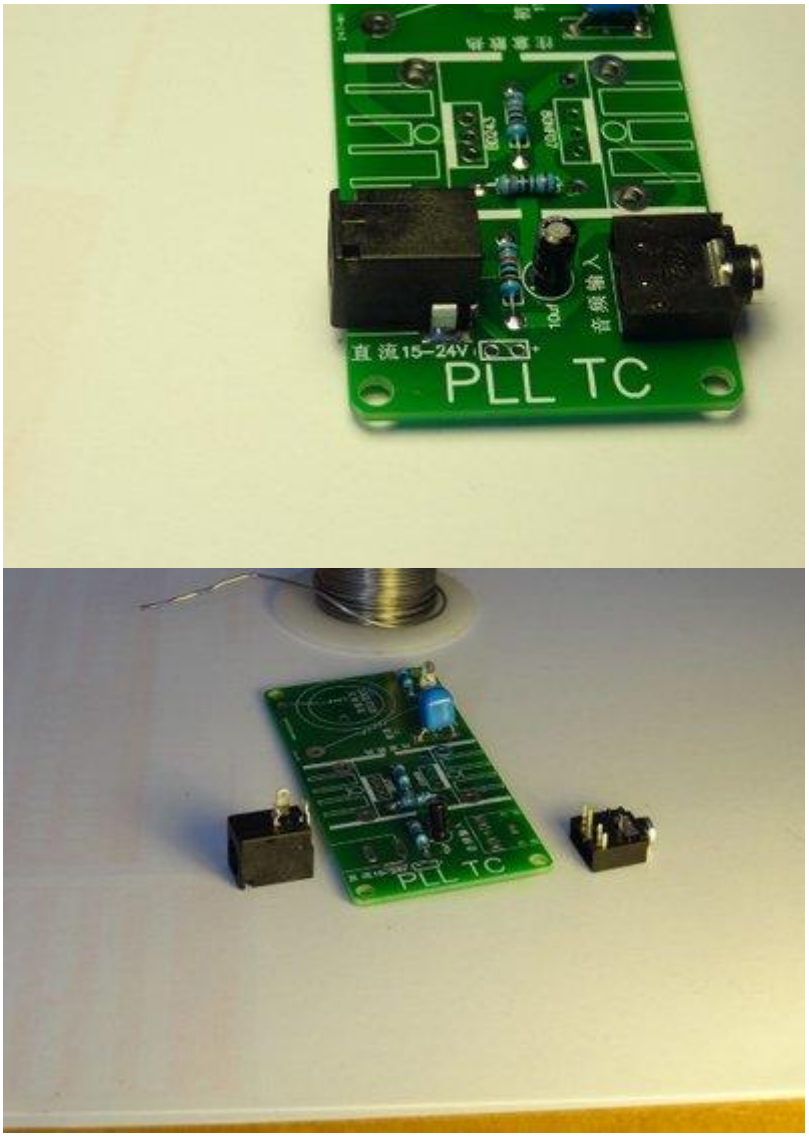
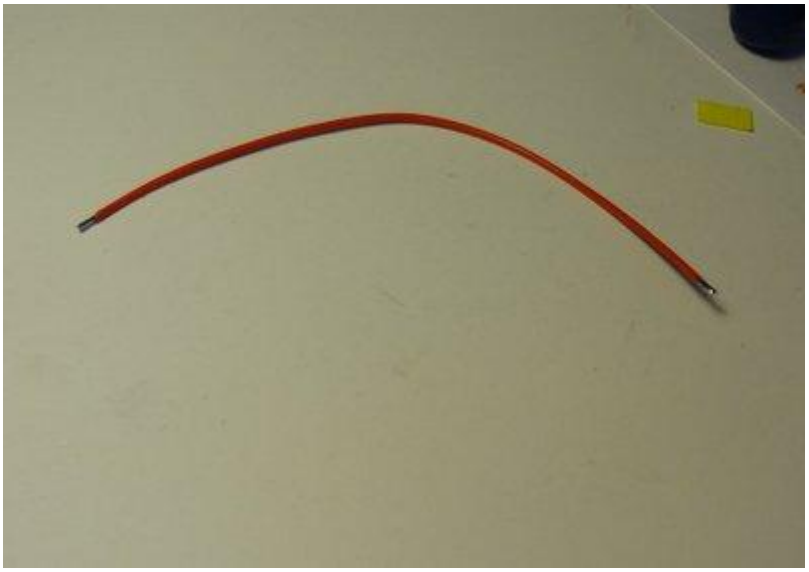
Step 8: Placing the Connectors

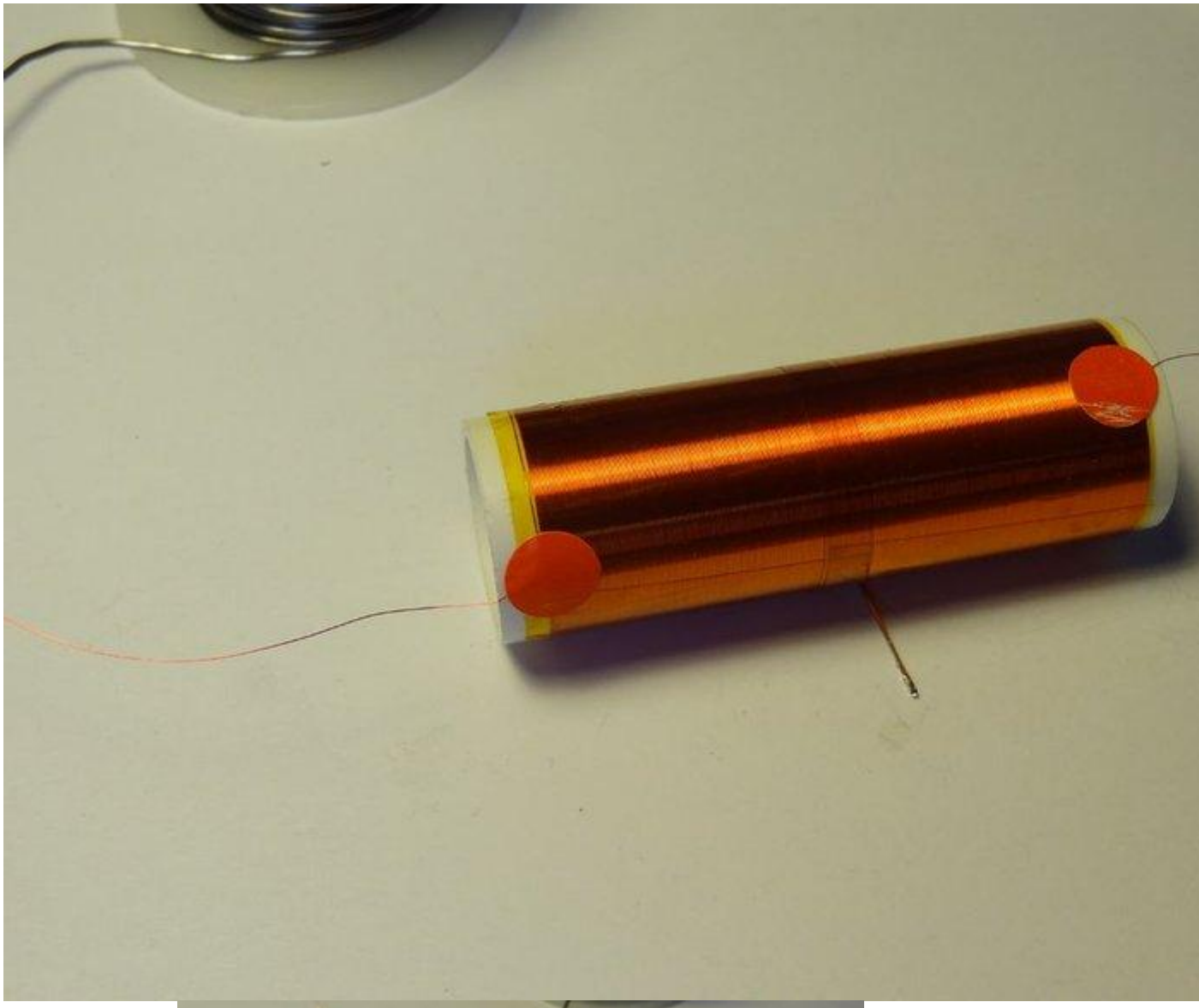




Step 9: Making the Primary Coil



Step 10: Placing the Secondary Coil



Before placing the secondary coil you'll need to do the following preparations.

From both sides of the secondary coil you need to pull off a little of the coil wire.
One of the wires should be "stripped before soldering" you can do this in many ways.

- use sandpaper to sand off the varnish
- use a lighter to burn it off
- scrape it of with a knife
- set your soldering iron to it's hottest temperature and apply solder to the wire and hope it solders through the varnish. (What I did)