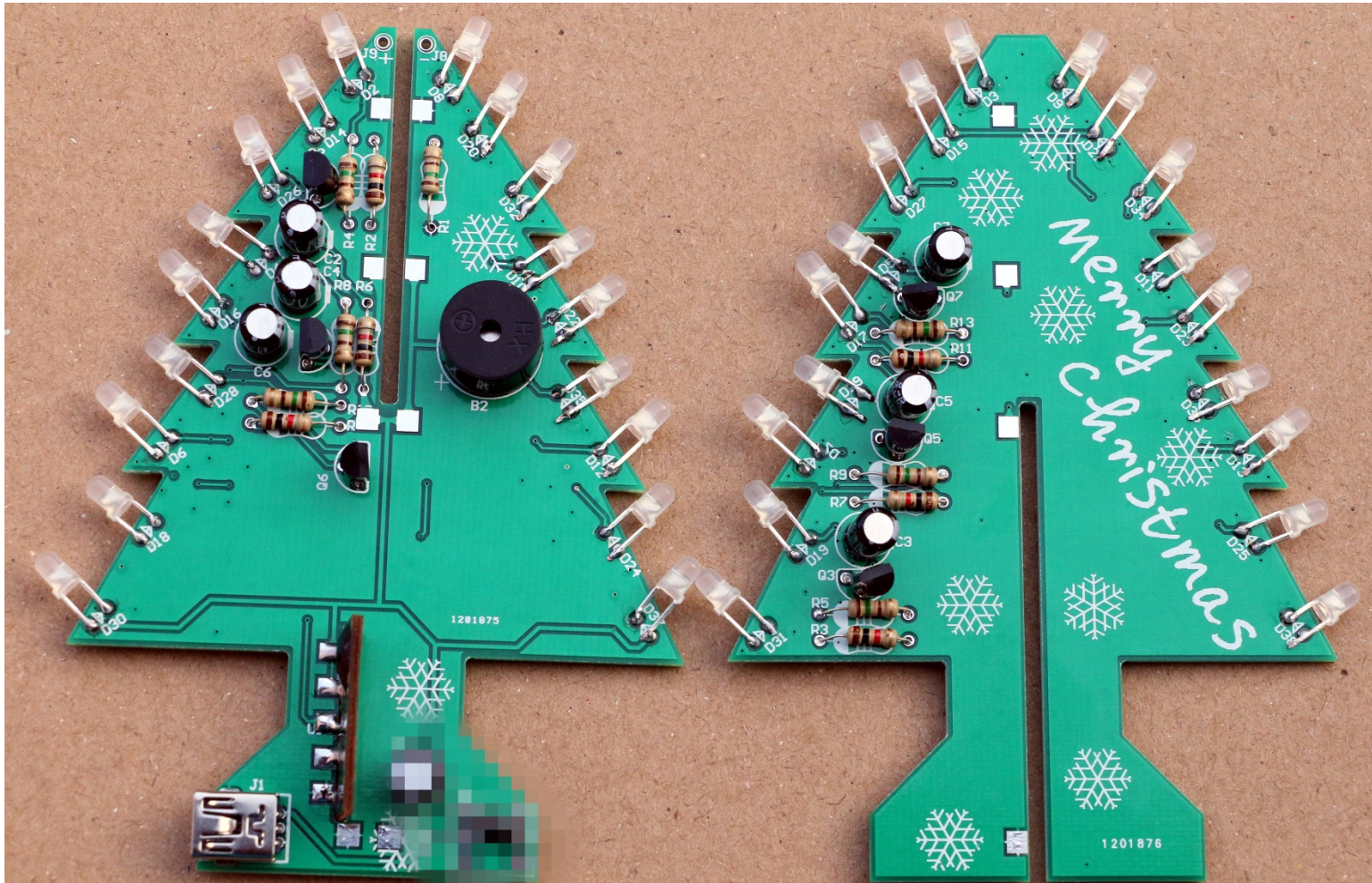


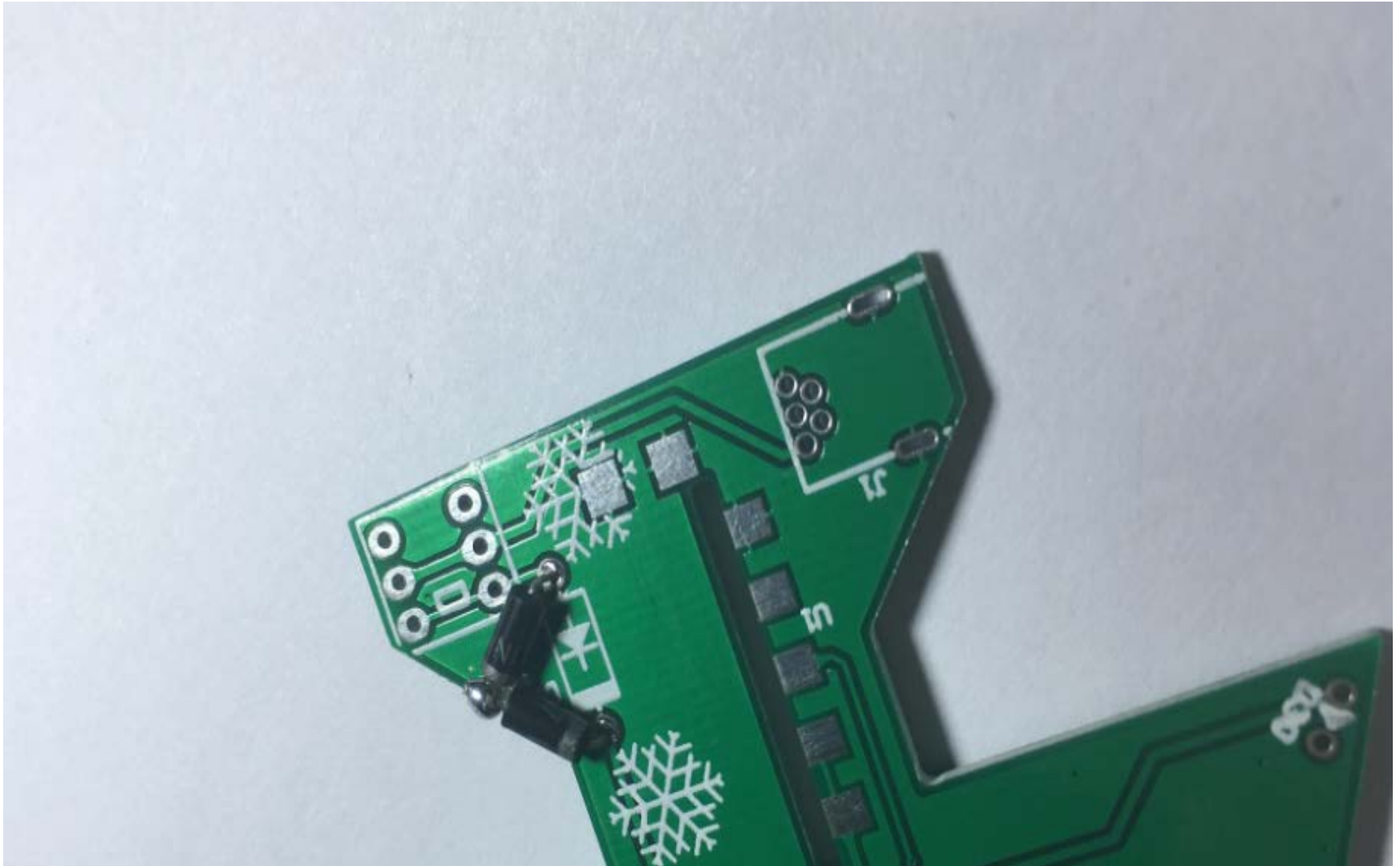


STEP 1 - Preparation and welding



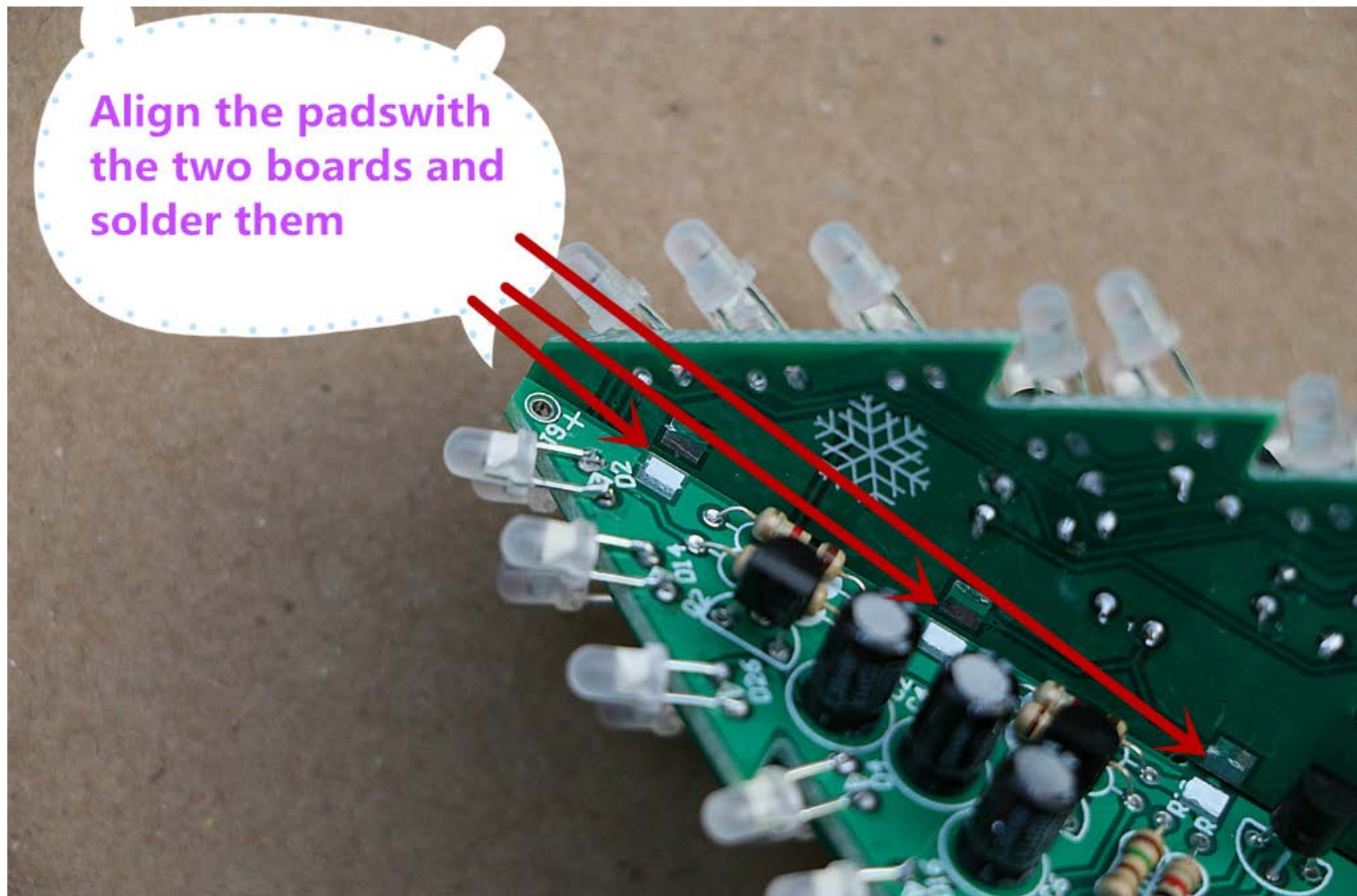
Get ready for all the components and soldering tools, welding pictures like this.

STEP 2 – Precautions



Diode according to the above picture welding.

STEP 3 –Assembly



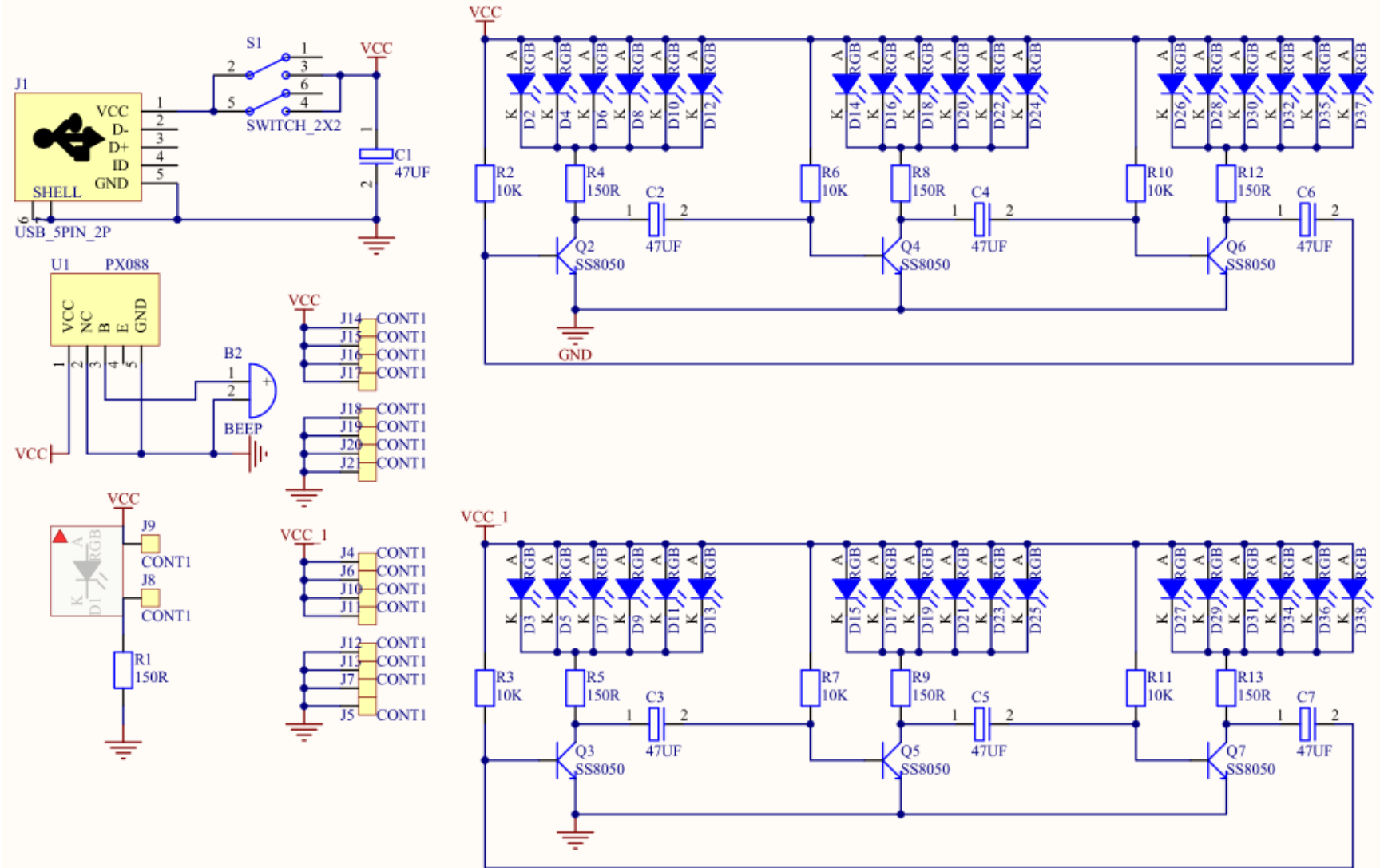
According to the above figure assembly, and welding with electric iron, immediately completed it ! !

STEP 3 –Done



Plug in the USB cable, we can enjoy our work, and he can have LED flash and Christmas song

Schematic



BOM



Maker Go

Name: Christmas tree

V1.0

Serial number	Description	Comment	Quantity	Designator
1	Buzzer	BEEP	1	B2
2	Electrolytic capacitor	16V/220UF	1	C1
3	Electrolytic capacitor	16/47UF	6	C2, C4, C6, C3, C5, C7
4	LED	RGB	37	D2, D3, D4, D5, D6, D7, D8, D9, D10, D11, D12, D13, D14, D15, D16, D17, D18, D19, D20, D21, D22, D23, D24, D25, D26, D27, D28, D29, D30, D31, D32, D34, D35, D36, D37, D38
5	MINI-usb	USB_5PIN_2P	1	J1
6	Transistor	SS8050	6	Q2, Q3, Q4, Q5, Q6, Q7
7	Resistance	150R	7	R2, R6, R10, R3, R7, R11
8	Switch	SWITCH_2X2	1	S1
9	Resistance	10K	6	R2, R6, R10, R3, R7, R11
10	Music IC	PX088	1	
11	diode	1N4007		Look Picture
12	PCB		1	
13	USB cable		1	