

Voice Control DIY Kit

1. Introduction

An audio indicator that bounces with music.

2. Parameter

- 1>. Super long animation, many audio effects
- 2>. Exquisite independent buttons control various functions
- 3>. Exquisite PCB, military grade plate
- 4>. Power supply range: 5V-12V DC

3. Warm tips:

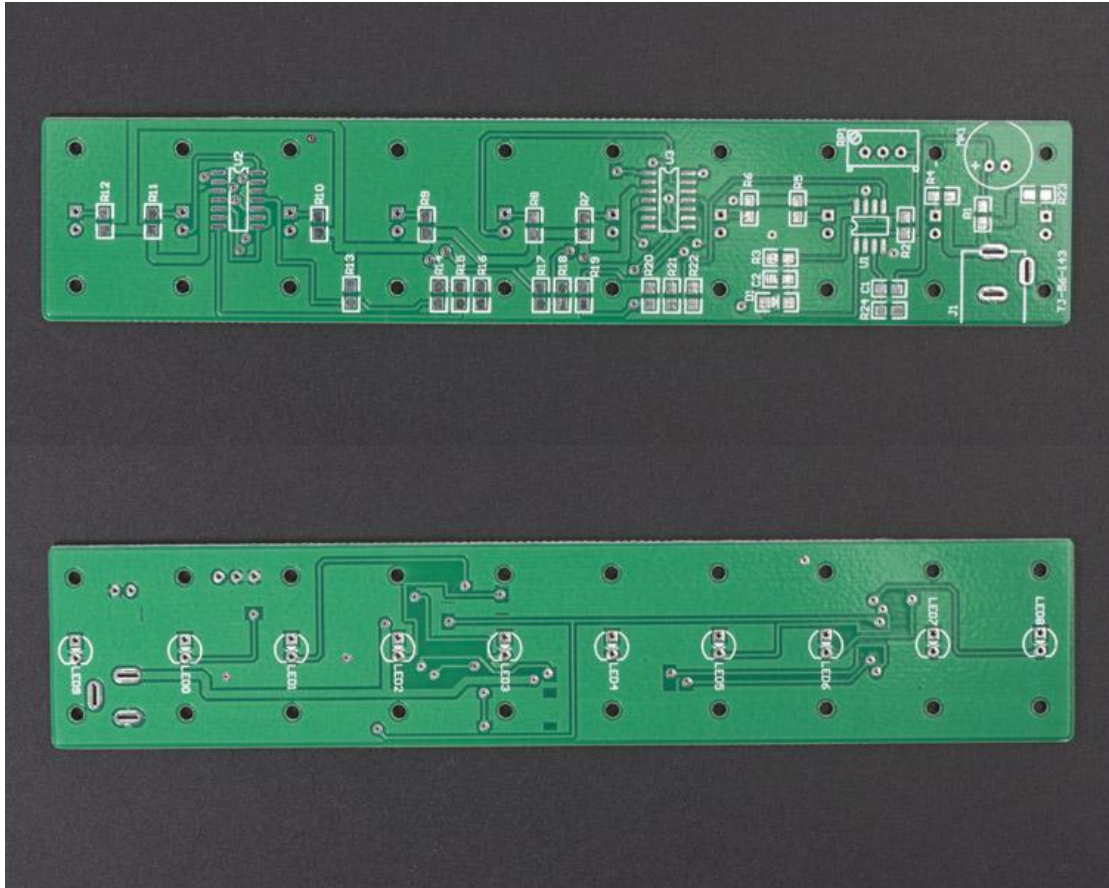
This is the delivery suite of parts, you need welding installation. SCM has written procedures, successfully tested.

4. Component listing

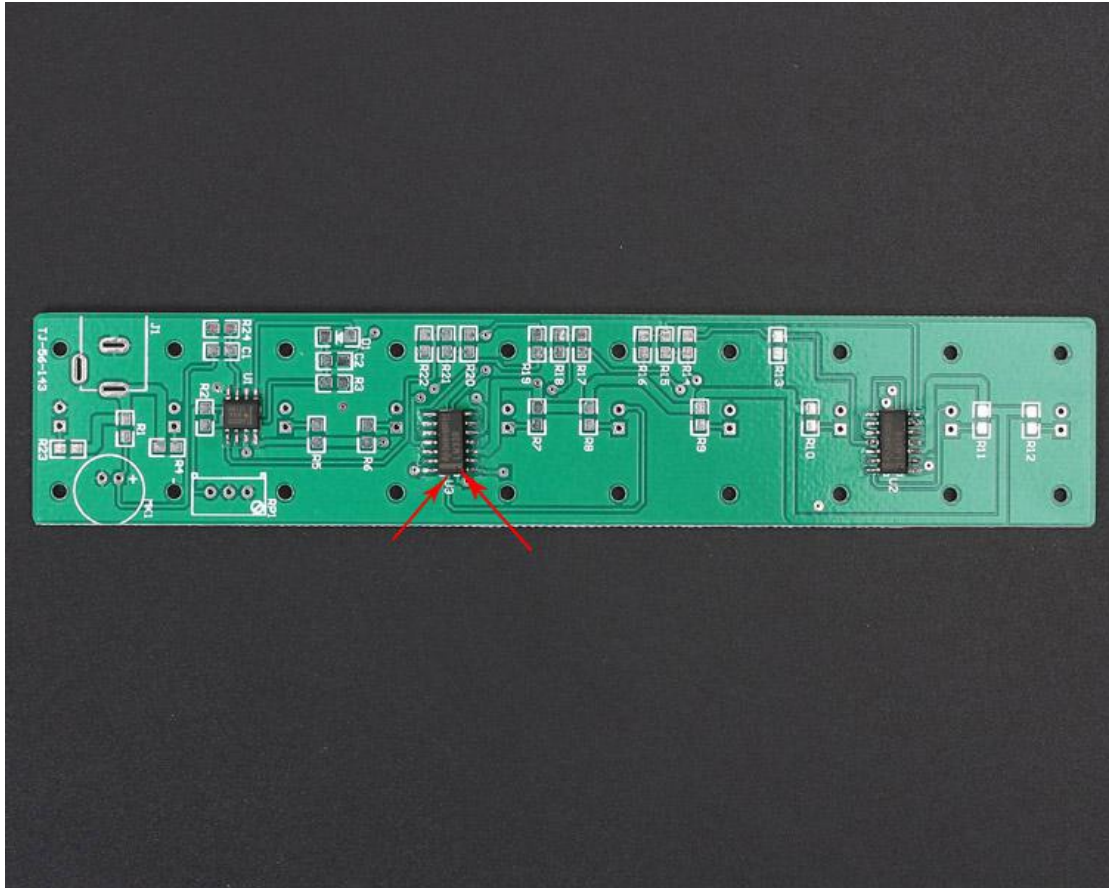
NO.	Component Name	PCB Marker	Parameter	QTY
1	SMD Diode	D1	1N4148	1
2	SMD Resistance	R3	100K	1
3	SMD capacitor	C1,C2	1uf 105	2
4	Integrated circuit	U1	LM358	1
5	Integrated circuit	U2,U3	LM339	2
6	Power supply socket	J1	DC005	1
7	SMD resistance	R1,R2	4.7K	2
8	SMD resistance	R14-R22	4.7K	9
9	SMD resistance	R13,R14	33K	2
10	SMD resistance	R4-R12,R23	360ohm	10
11	Electret microphone	MK1	5MM	1
12	Potentiometer	RP1	50K	1
13	Colored LED	LED0-LED9	5MM	10
14	PCB			1

NOTE:Users can complete the installation by PCB silk screen and component listing

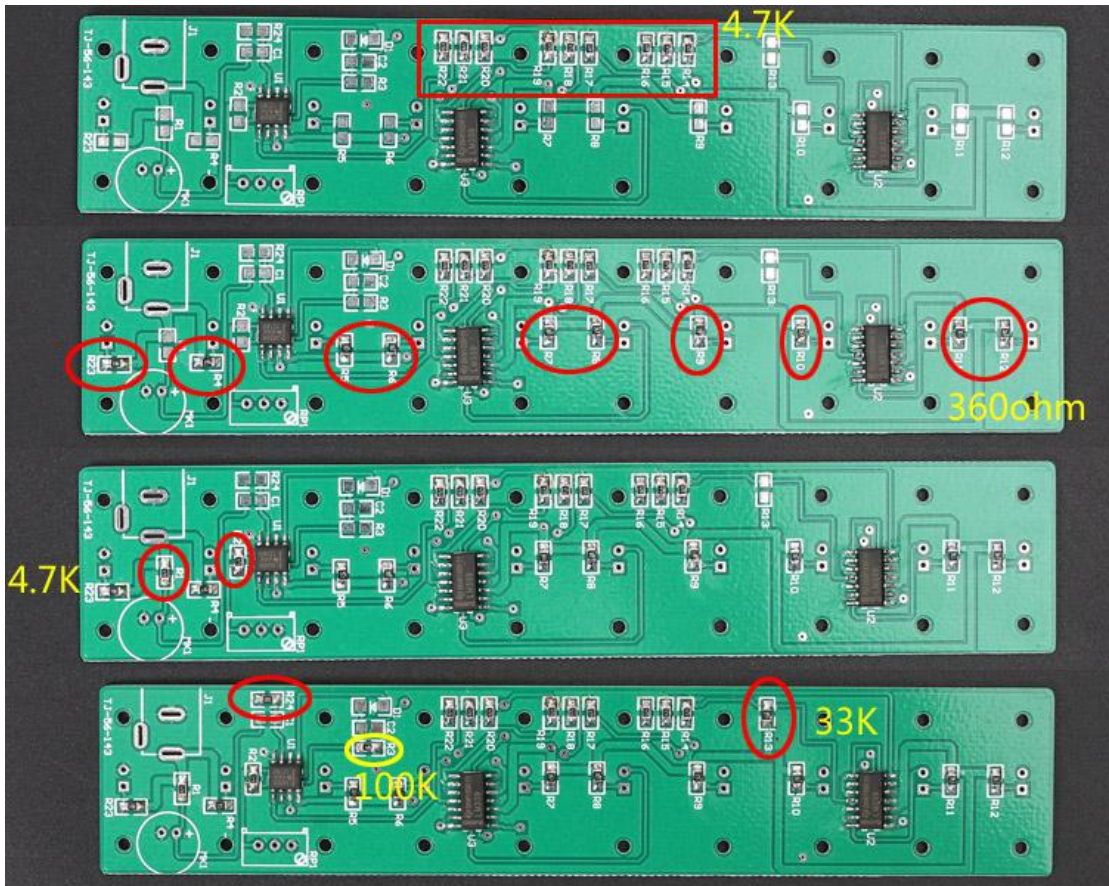
5.Installation Steps



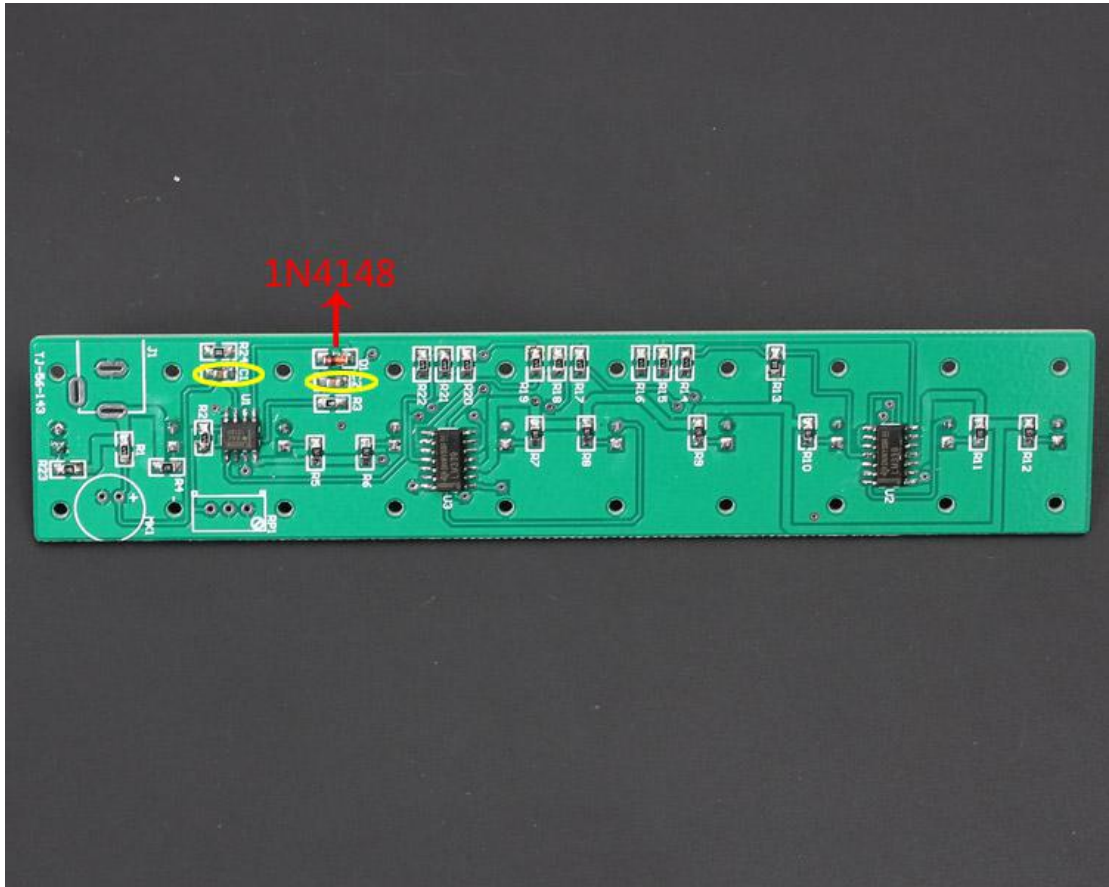
Step 1: Install 1pcs LM358 on U1 and 2pcs LM339 on U2,U3.Pay attention to the installation direction.



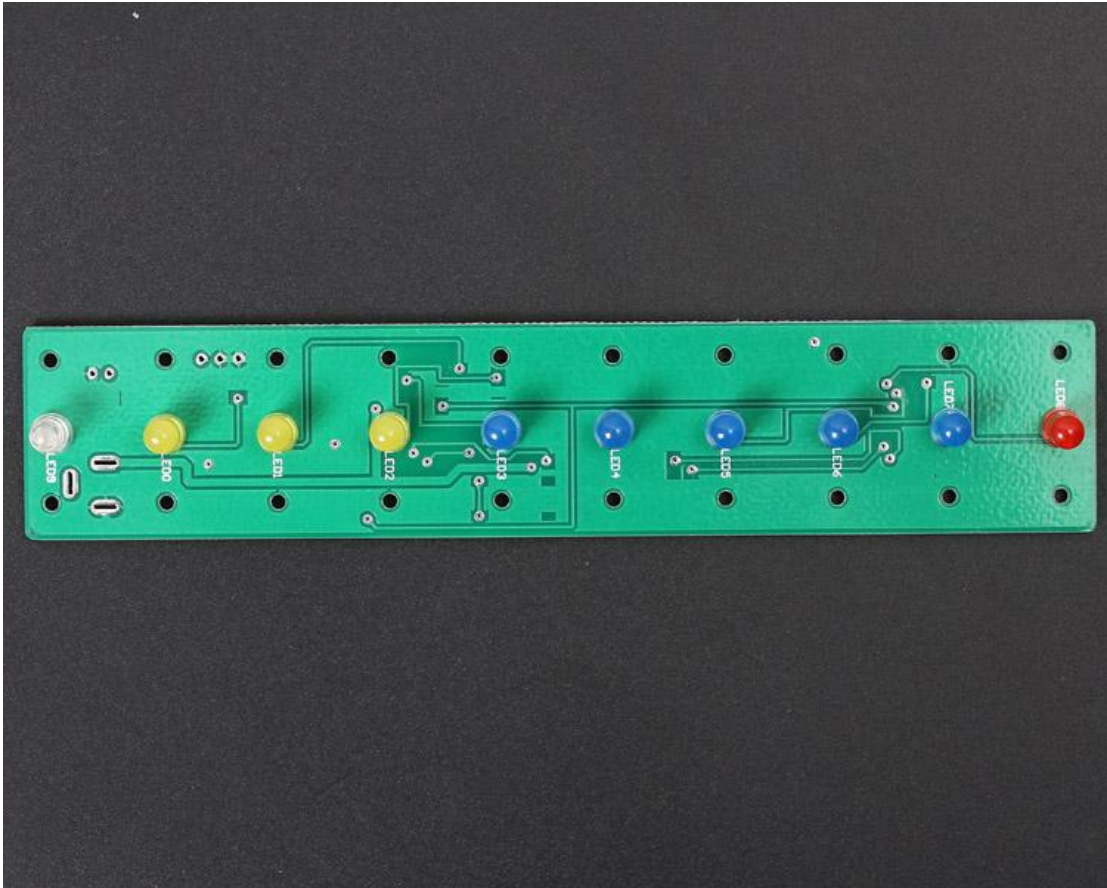
Step 2: Install SMD Resistor.



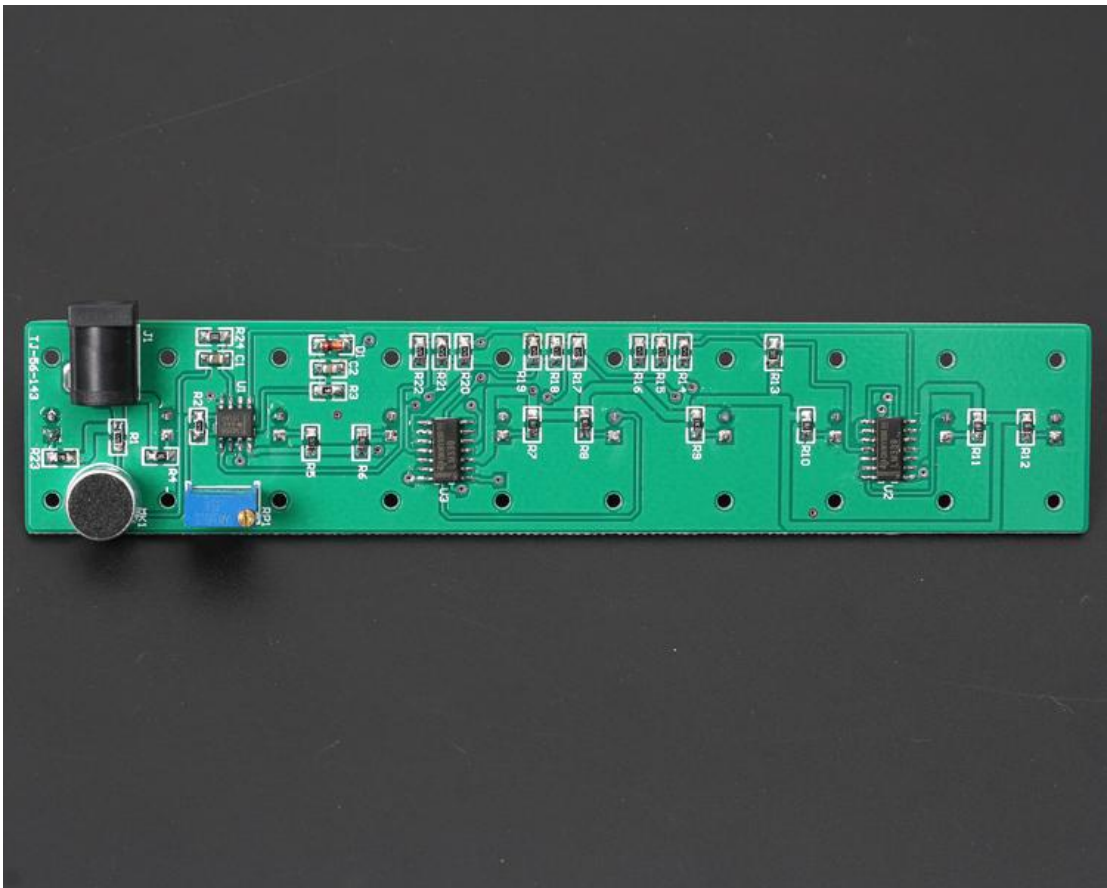
Step 3: Install 1pcs 1N4148,2pcs capacitor.



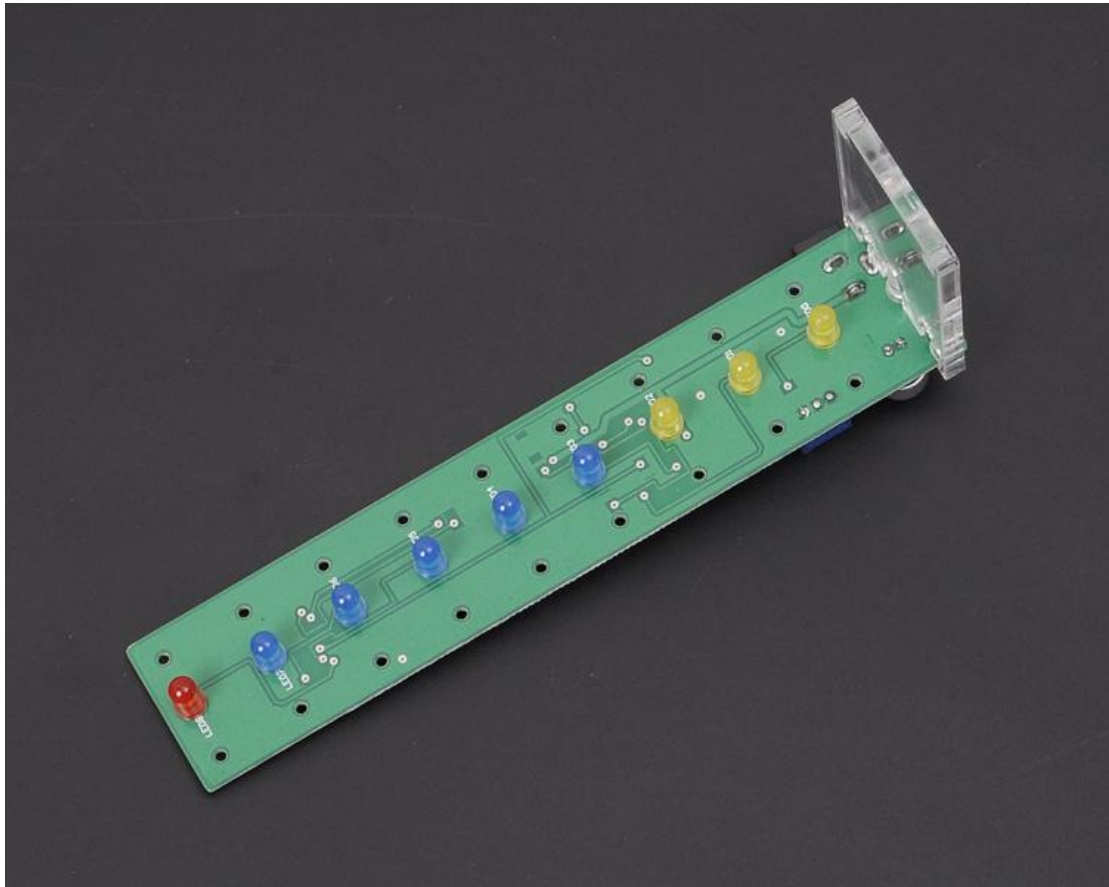
Step 4: Install LED. Pay attention to the installation direction.

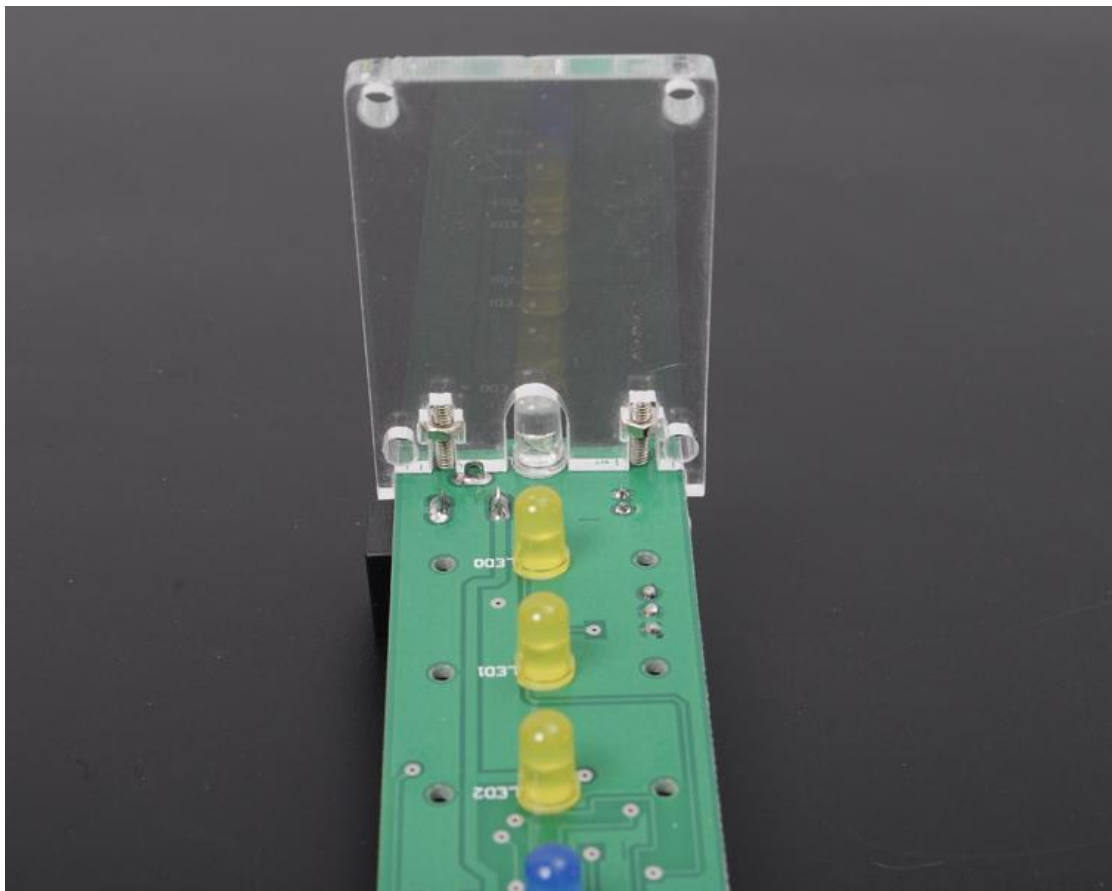
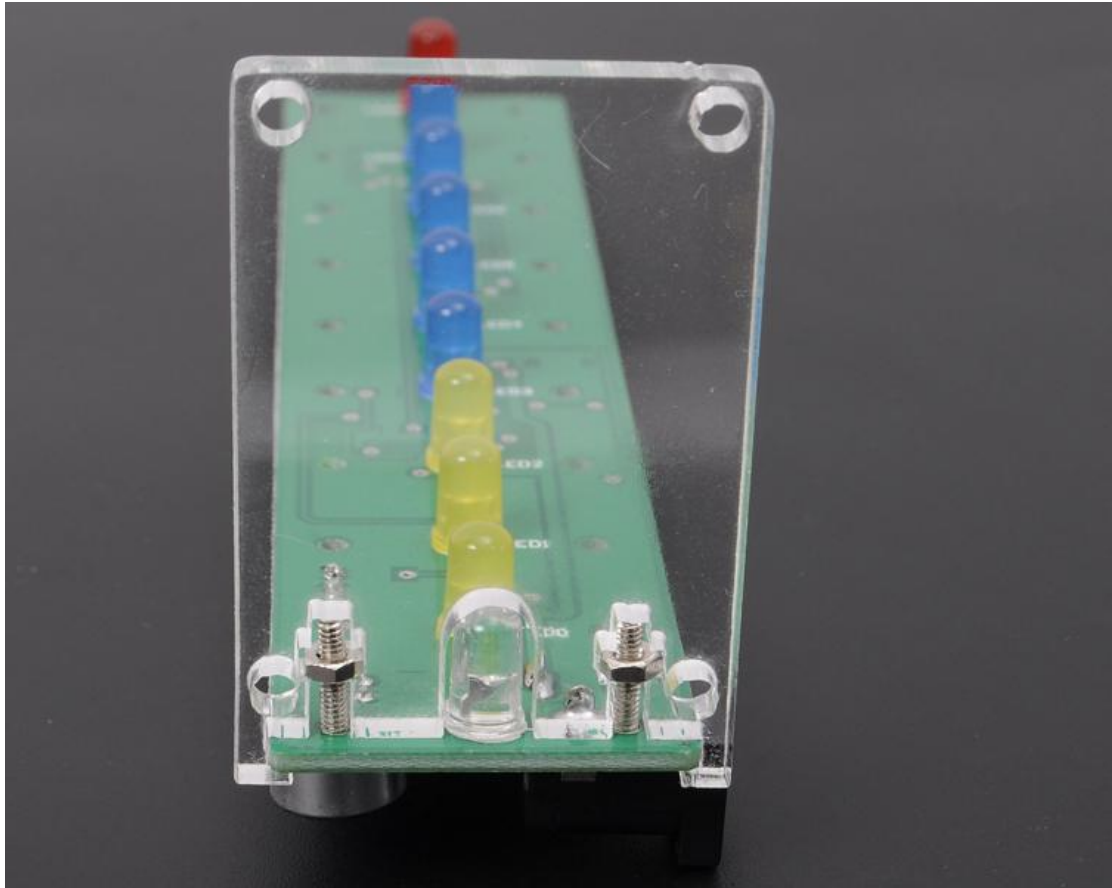


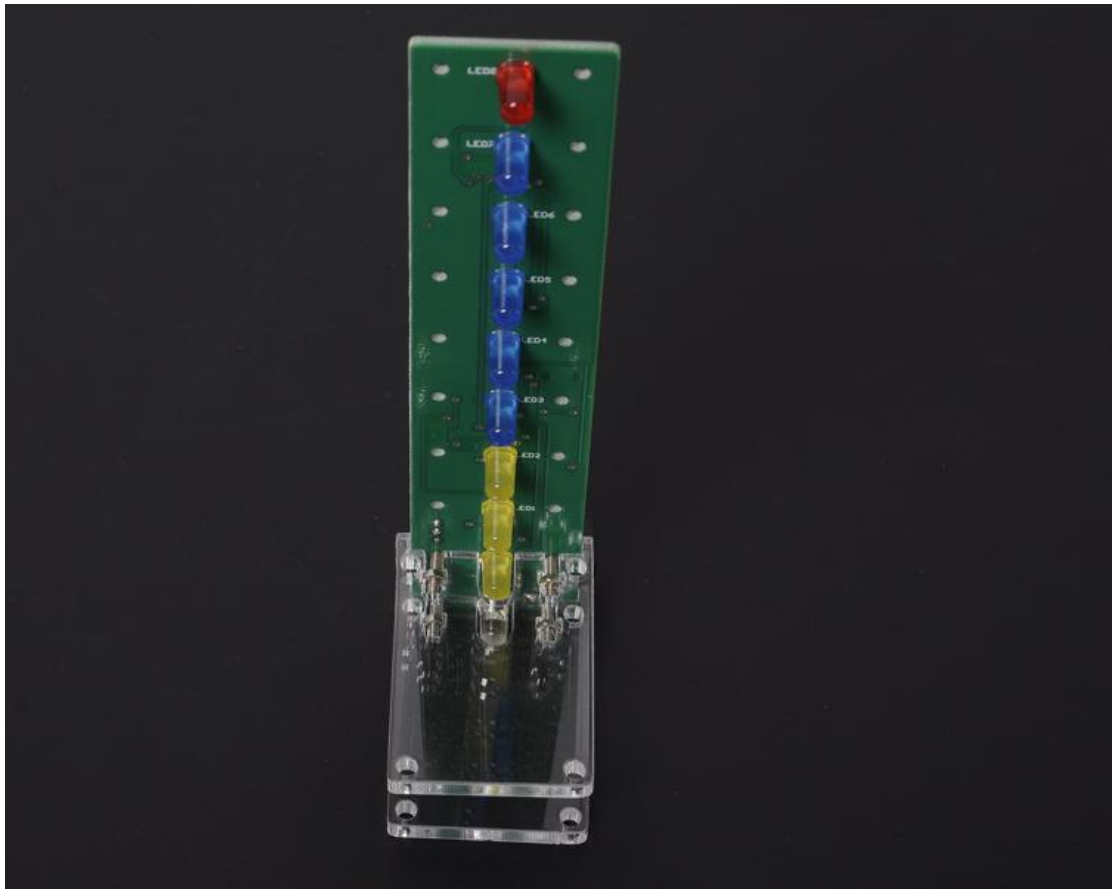
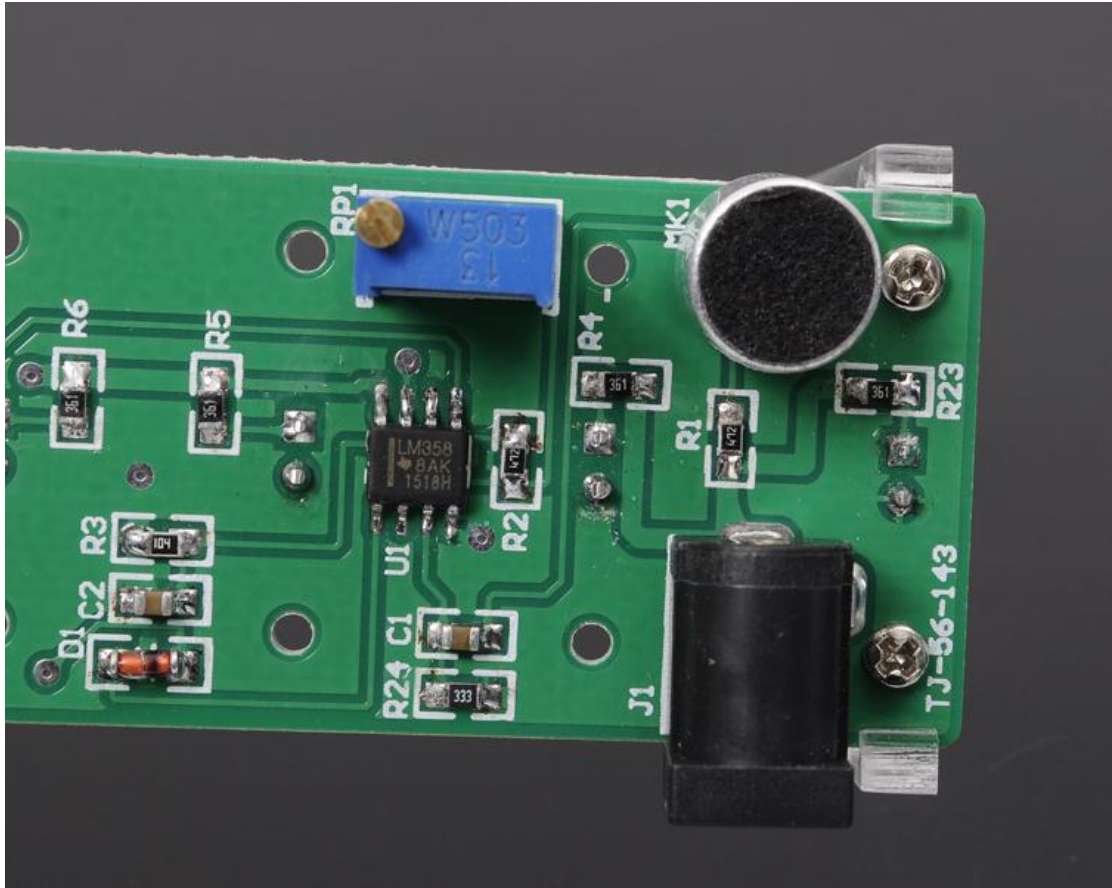
Step 5: Install Power socket, potentiometer, MIC

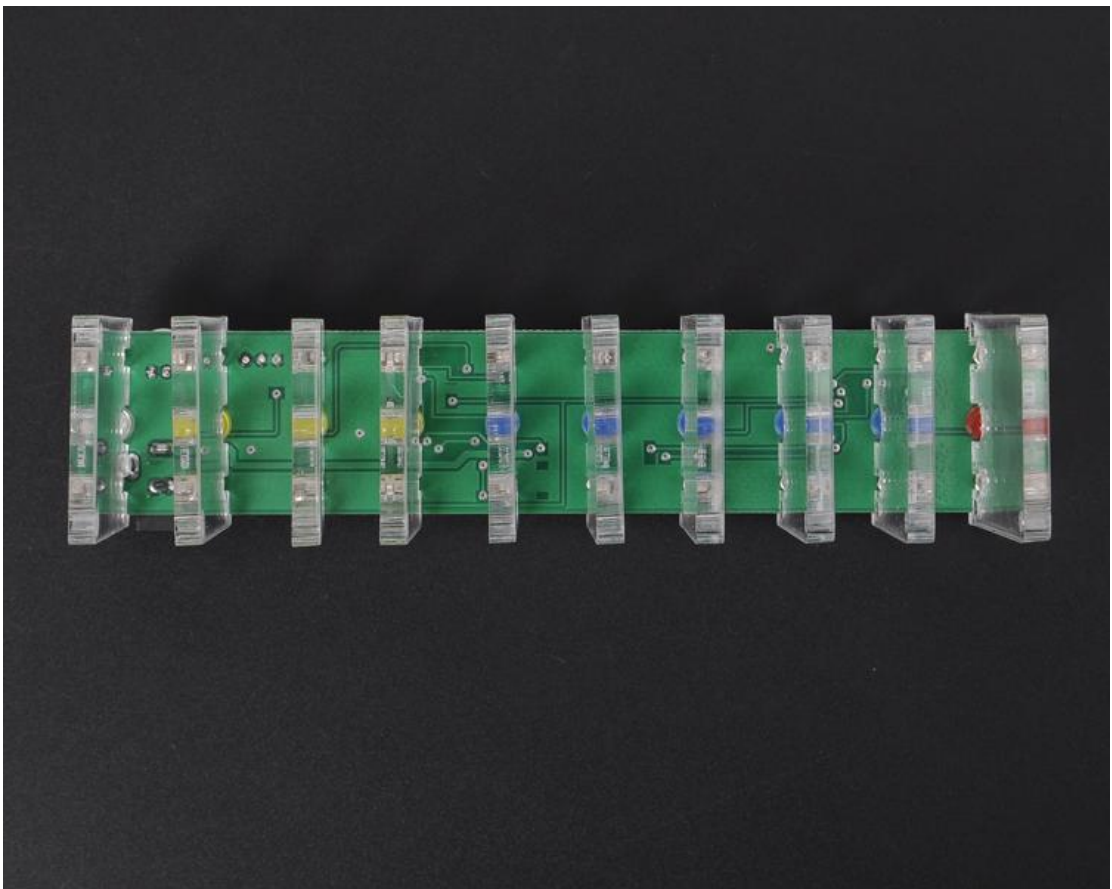
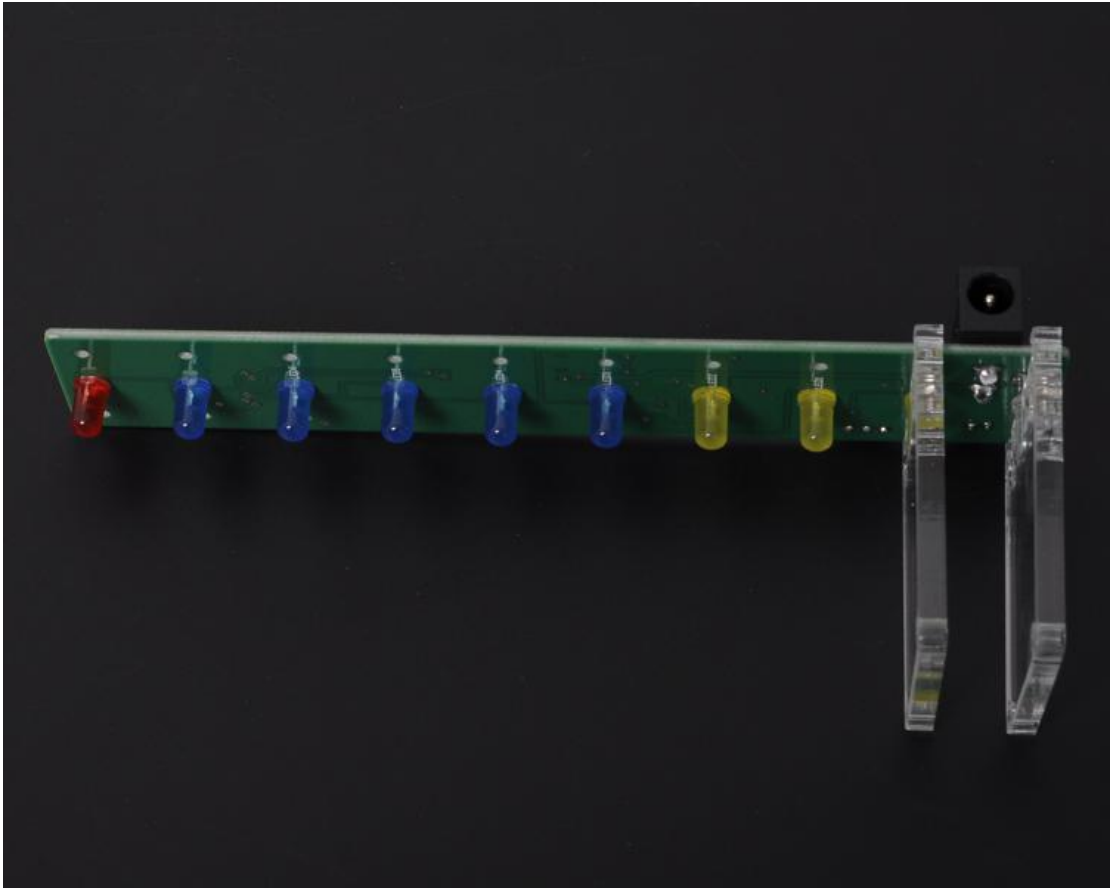


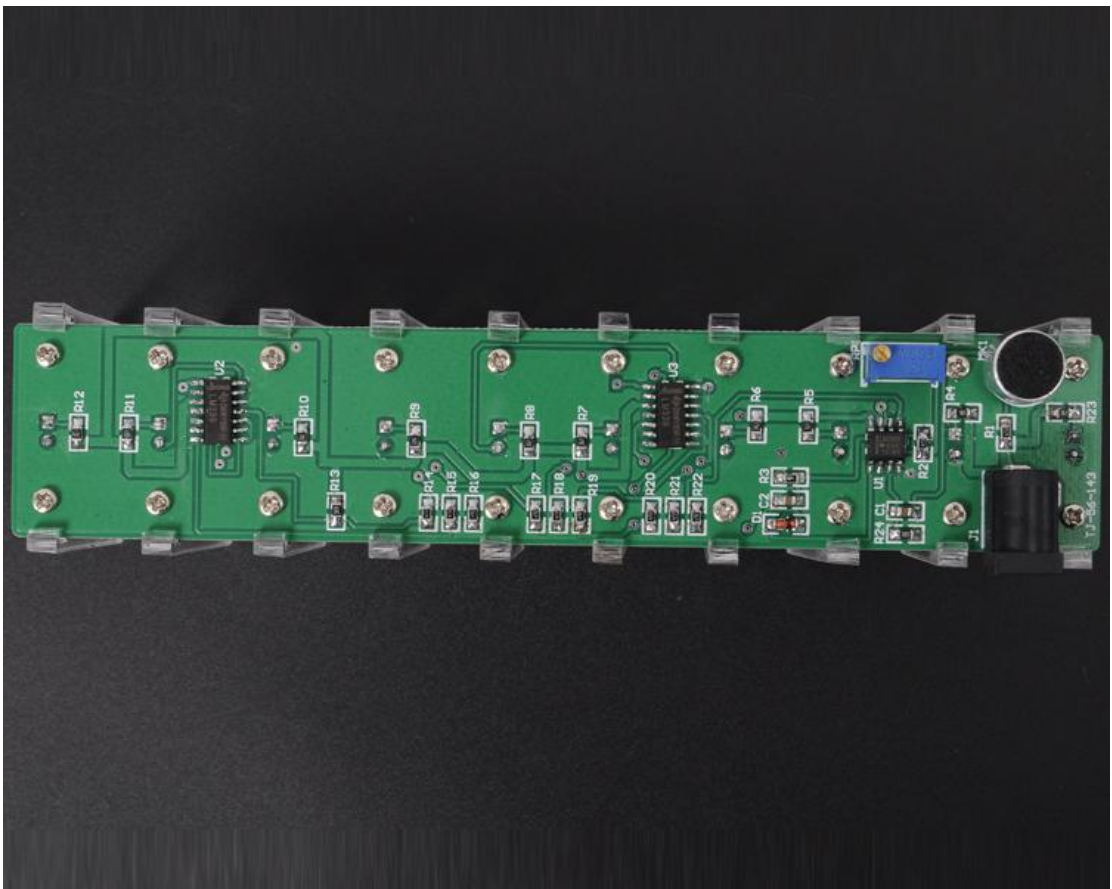
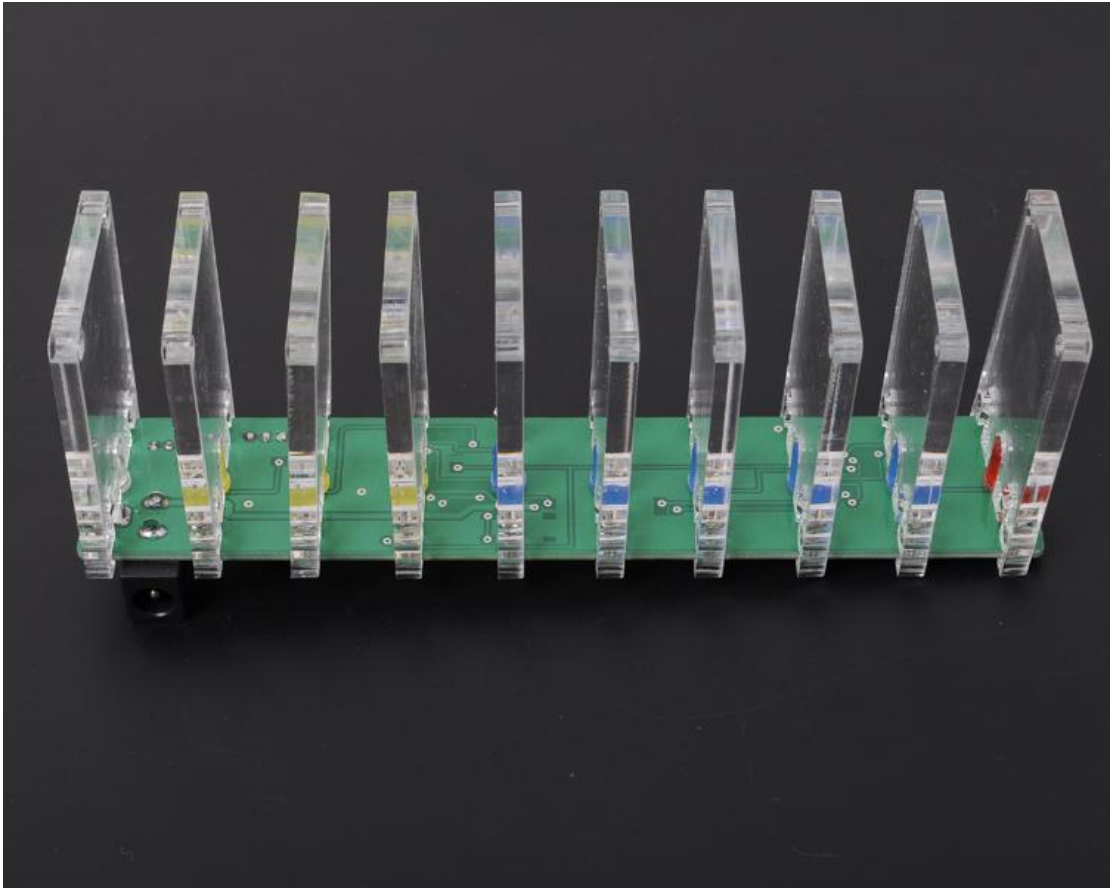
Step 6: Install Acrylic board. Pay attention to the installation sequence.











6.Effect demonstration



