

Five-Pointed DIY Kit

1. Introduction

It is an LED flashing DIY kit, issued a dazzling color, if it is with the music together, the audio-visual effect will be better.

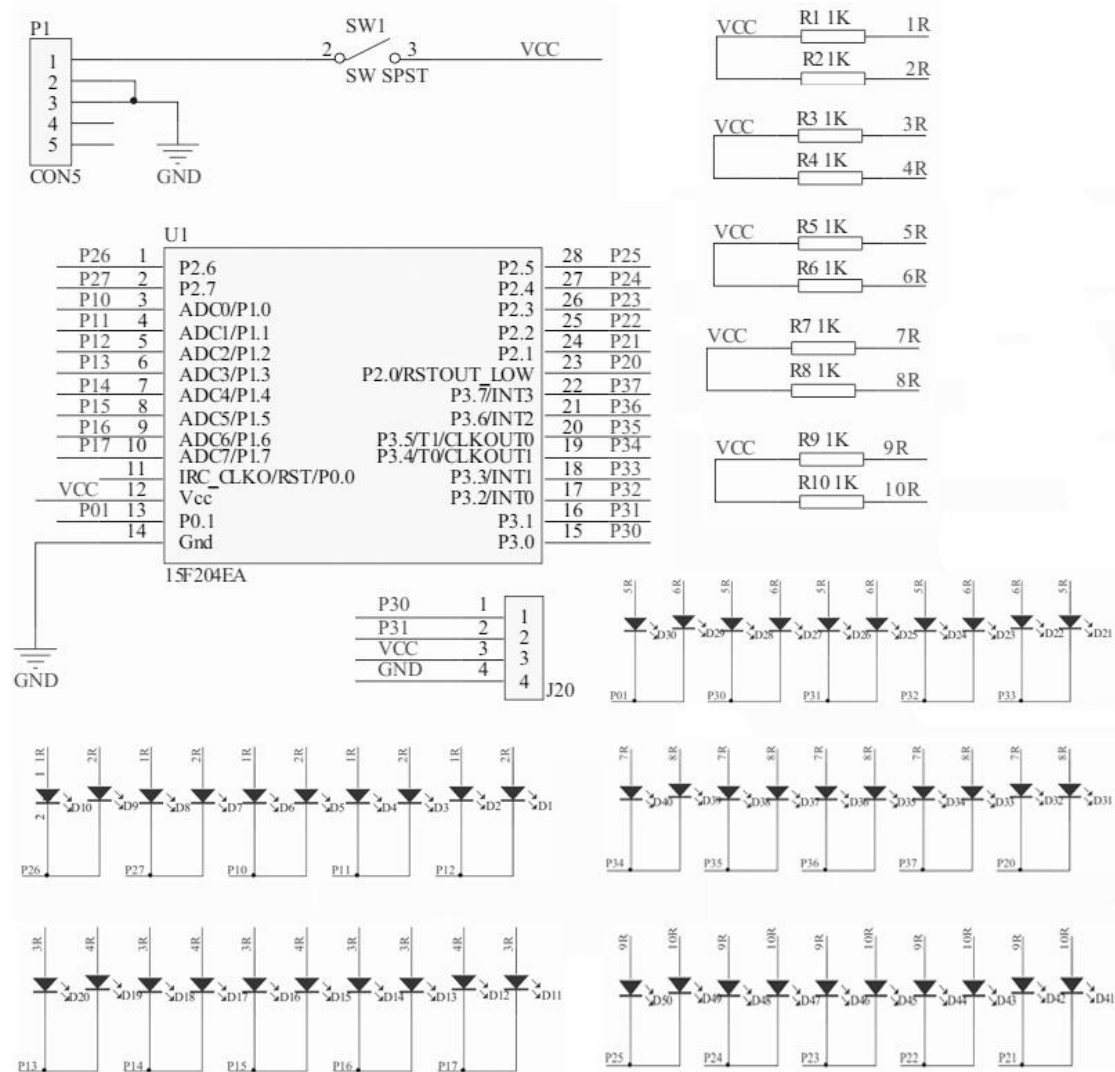
2. Parameter

NO.	Parameter	Value
1	Operating Voltage	DC 4.5V-5V
2	Power supply mode	3pcs AA battery or USB charger;
3	PCB Size	82*90mm;
4	PCB Material	1.6mm RF-4

3. Warm tips

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

4. Schematic



5.Component listing

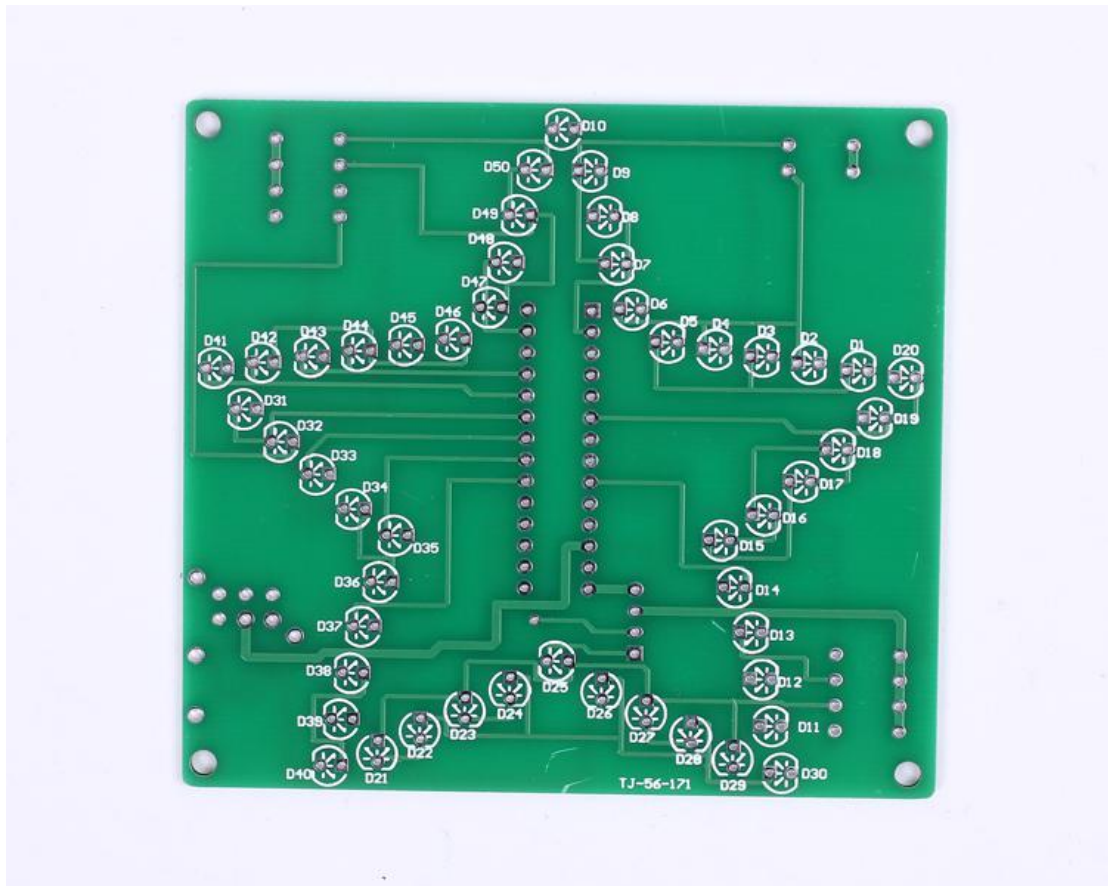
NO.	Component Name	PCB Marker	Parameter	QTY
1	RGB LED	D1-D50	5mm	50
2	Metal Film Resistor	R1-R10	1K	10
3	Self-Locking Switch	SW1		1
4	IC Socket	U1	DIP-28	1
5	STC15F204EA	U1	DIP-28	1
6	Micro USB	P1	SMD	1
7	Male Pin	J20	4P	1
8	PCB		82*90mm	1

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

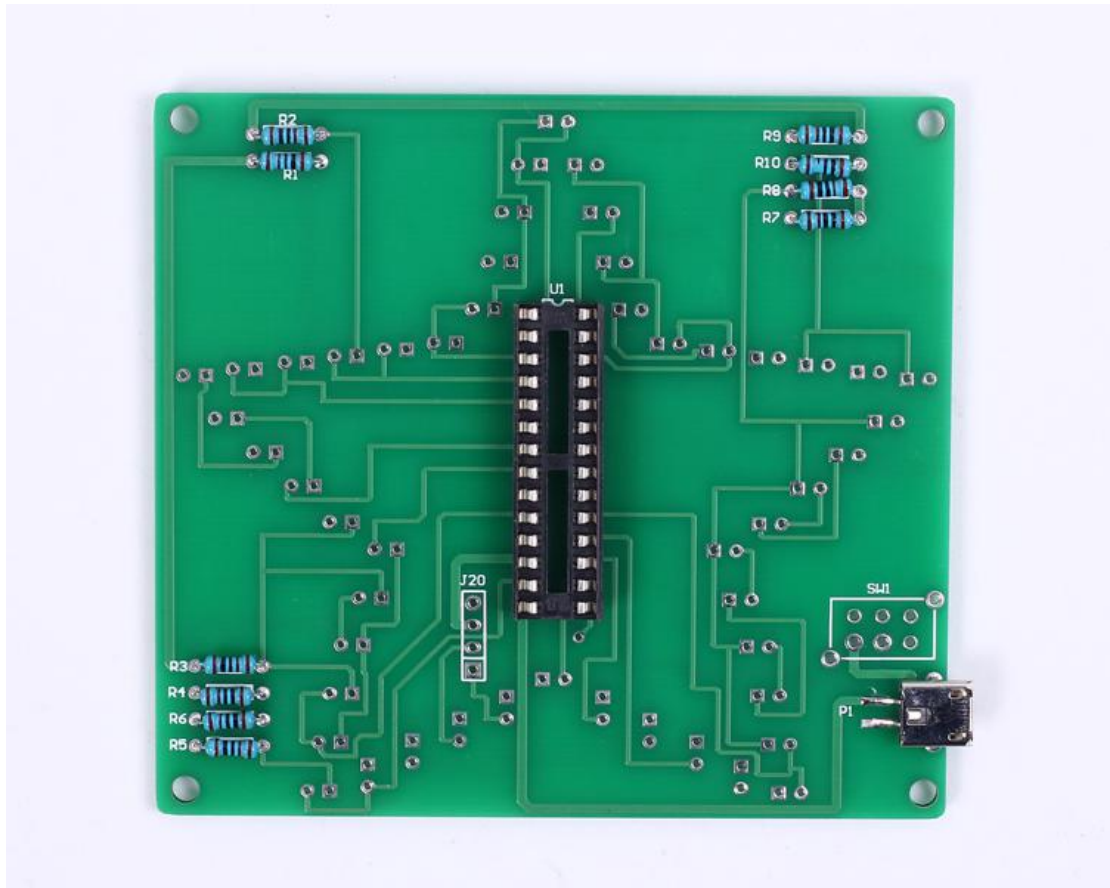
6. Application:

- 1>.Home Furnishing decoration
- 2>.Store decoration
- 3>.Graduation design
- 4>.Practice for electronic enthusiasts
- 5>.Holiday gifts

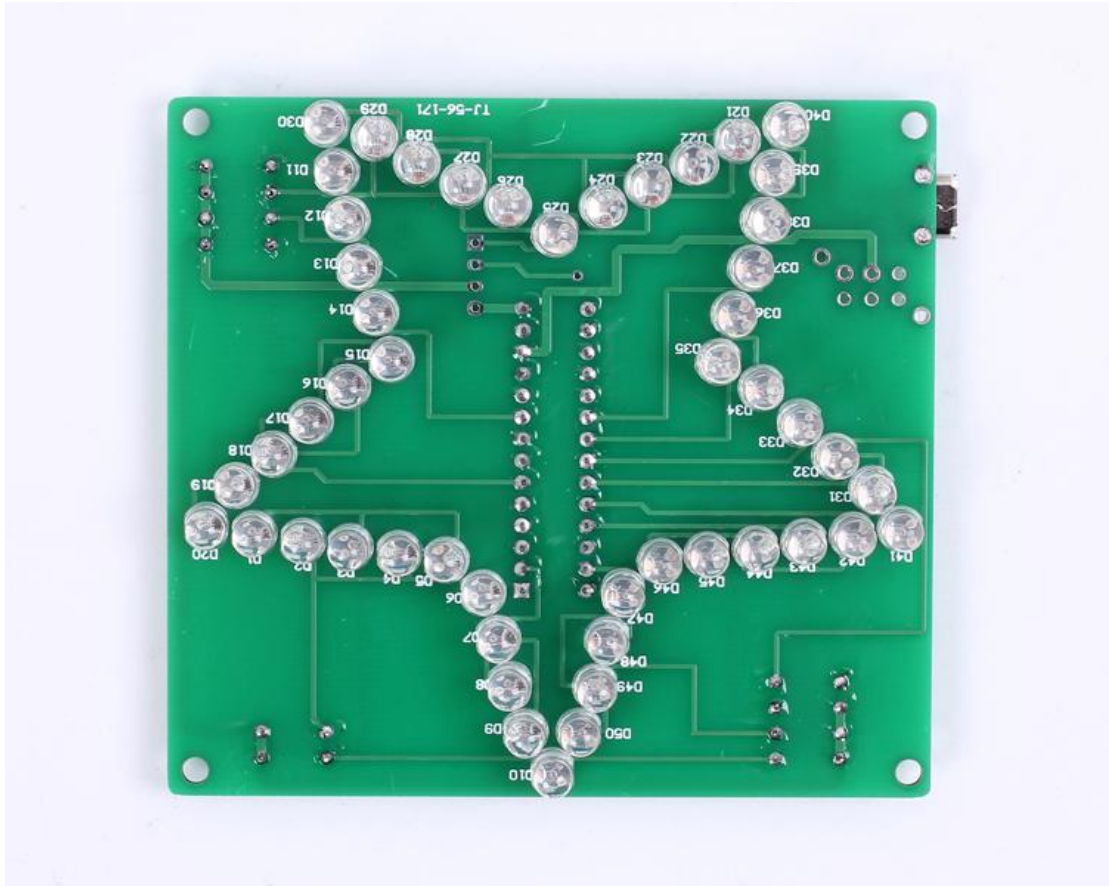
7.Installation Steps



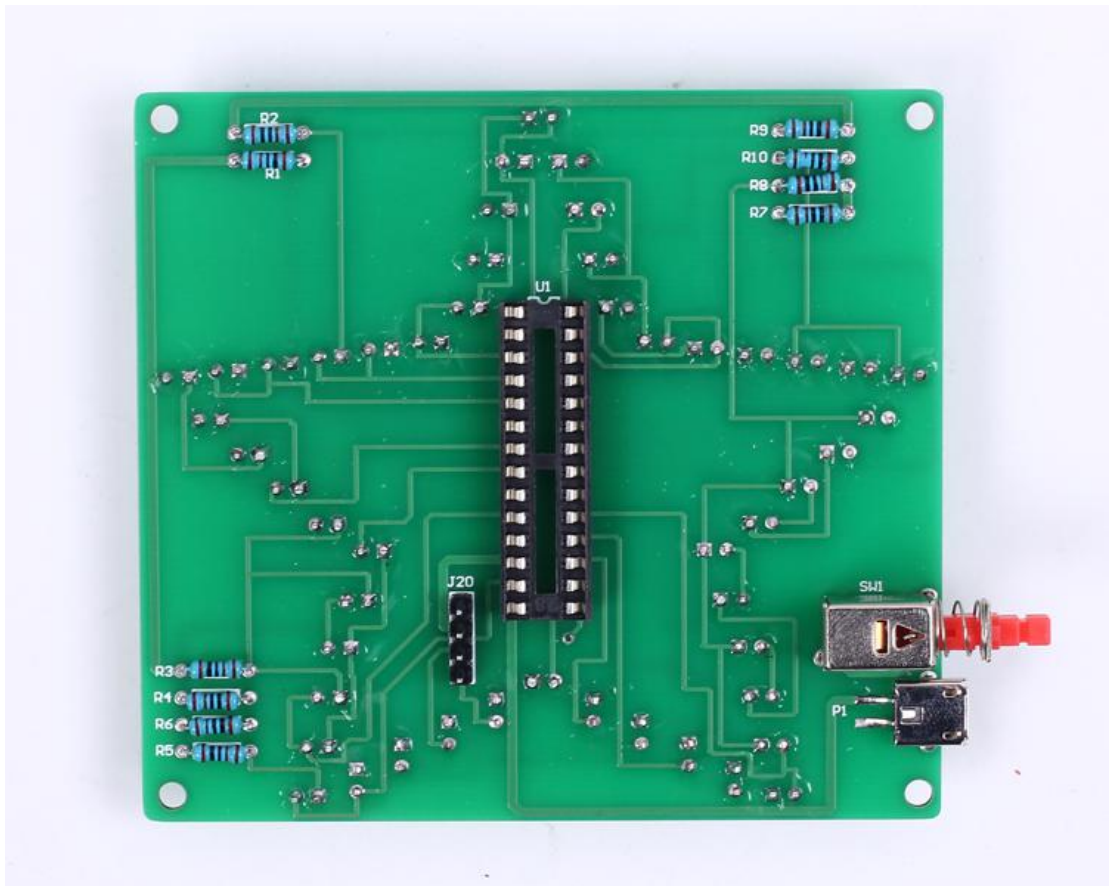
Step 1:Install 1pcs Metal Film Resistor,1pcs IC socket,1pcs USB socket.



Step 2: Install 50pcs LED. Pay attention to the installation direction.



Step 3: Install 1pcs switch, 1pcs 4P male pin, and then install IC.



8. Effect demonstration

