

七彩圣诞树制作套件 HU-006

Colorful Christmas Tree Making Kit



关于售后服务:

1.售后时间: 上午 10 点—12 点, 下午 13 点—18 点 (周一到周六)

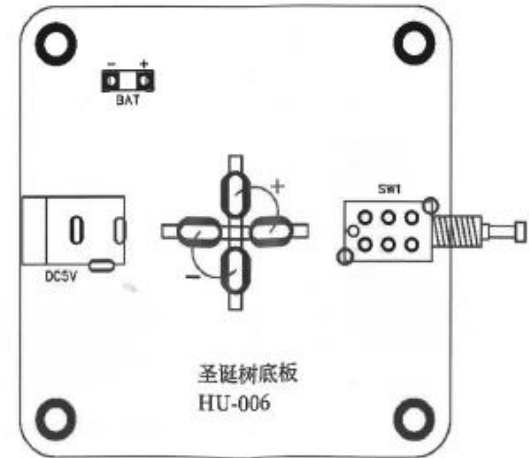
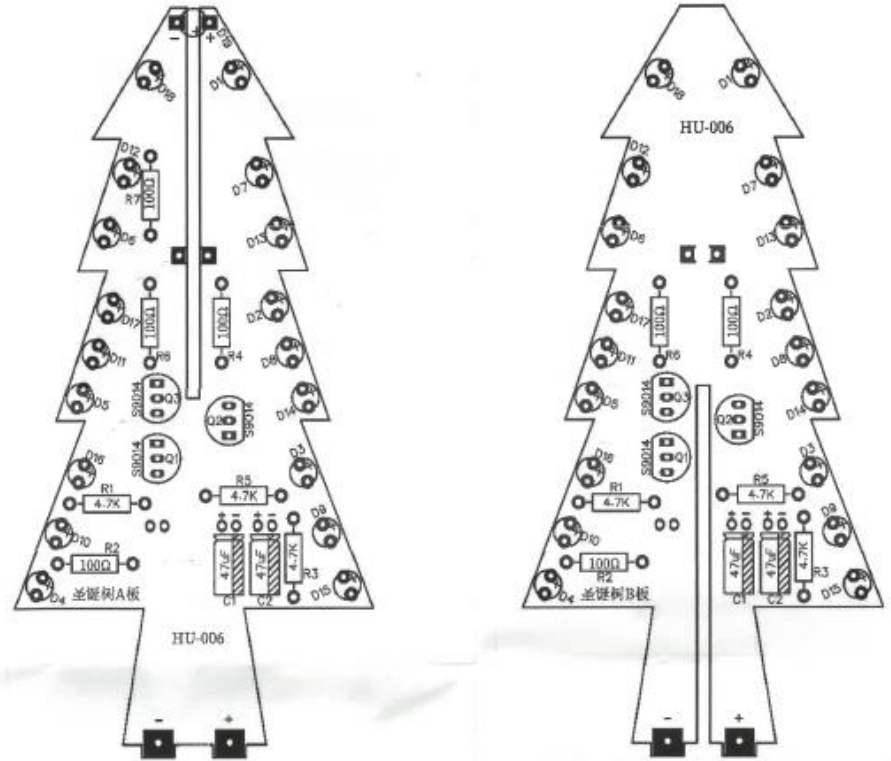
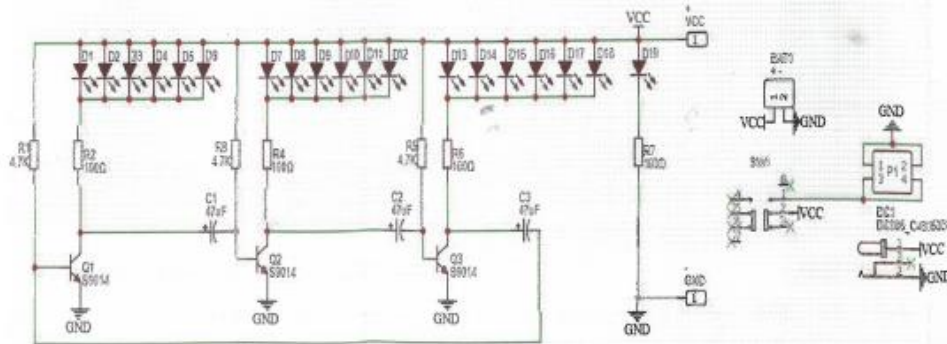
2.可通过微信扫一扫, 查看图文说明书 (带图片说明) →

Detailed installation tutorial can be obtained by scanning QR code on mobile Phone.

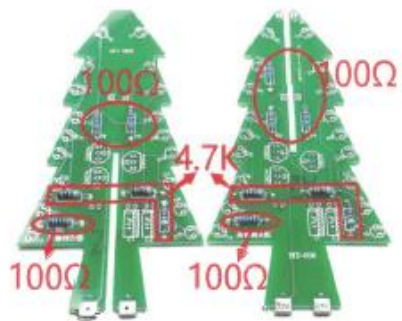
I. 元件清单 BOM

序号	名称	Name	标号/Label	数量/Number
1	自锁开关+键帽	Self-locking switch + cap	SW1	1
2	47uF 电解电容	47uF E-capacitor	C1, C2, C3	6
3	三极管 S9014	Triode S9014	Q1, Q2, Q3	6+1
4	4.7K 电阻	Resistor 4.7K	R1, R3, R5	6+1
5	100Ω 电阻	Resistor 100Ω	A: R2, R4, R6, R7 B: R2, R4, R6	7+1
6	3mm 发光二极管	3mm LED	A: D1~D19 B: D1~D18	37+1
7	DC 电源插座	DC power socket	DC5V	1
8	圣诞树 A 板	PCB-A	/	1
9	圣诞树 B 板	PCB-B	/	1
10	圣诞树底板	PCB-Bottom	/	1
11	USB 电源线	USB line	/	1
12	外壳包	Shell package	/	1
13	螺丝包	Screw package	/	1

II. 电路原理&元件分布图 Schematic&Component map



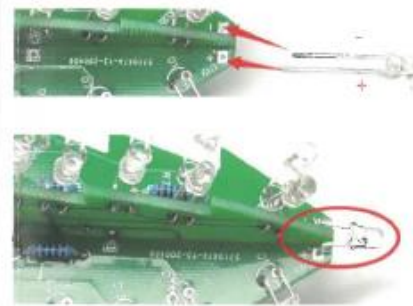
III. 焊接步骤及其注意事项 Welding & Notes



1. 根据丝印标识焊接 100Ω 和 4.7K 电阻。
Solder 100Ω and 4.7K resistors according to the silk screen logo.



2. 根据丝印标识焊接电解电容 (长引脚+)
Welding electrolytic capacitors (long pins +) according to the silk screen marking.



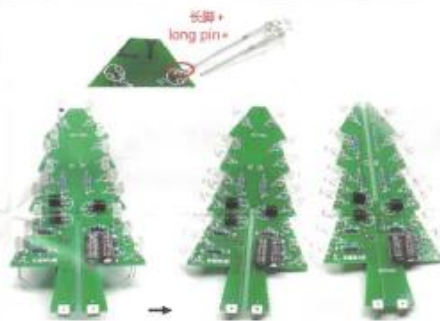
7. 焊接顶部剩余的 LED 灯 (长引脚+)
Solder the remaining LED lights on the top (long pins +).



8. 最后焊接底板上的电源插座和自锁开关。
Finally, weld the power socket and self-locking switch on the bottom plate.



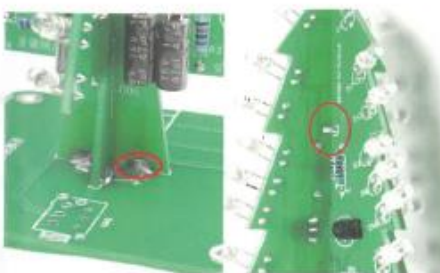
3. 根据丝印圆形焊接 S9014 三极管, 然后向外弯折至平贴电路板。
Solder the S9014 triode according to the silk-screen pattern, and then bend it outward to flat-lay the PCB.



4. LED (长引脚+), 待所有 LED 焊接完毕后向外弯折 90°。
LED (long lead +), bend 90° outward after all LEDs are soldered.



5. 将 A 板和 B 板安装至底板, 注意极性 (+ -) 对应。
Install A and B boards to the bottom plate, pay attention to the polarity (+ -) correspondence.



6. 用焊锡固定底板和 AB 板的连接处。
Fix the connection between the bottom plate and the AB board with solder.

IV. 外壳安装 Shell Installation



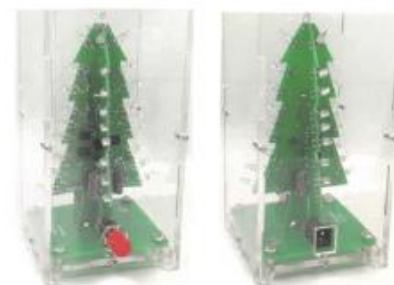
1. 撕掉亚克力外壳两面的保护膜, 安装底板的螺丝螺母。
Remove the protective film on both sides of the acrylic shell and install the screws and nuts on the bottom plate.



2. 用螺母将圣诞树底板固定。
Fix the bottom plate of the Christmas tree with nuts.



3. 安装对应孔位的侧面外壳、顶部外壳, 并用螺丝螺母固定。
Install the side shell and top shell corresponding to the holes and fix them with screws and nuts.



4. 全部安装完成后, 即可通电 (5V) 使用。
After all the installation is completed, it can be powered on (5V) to use.