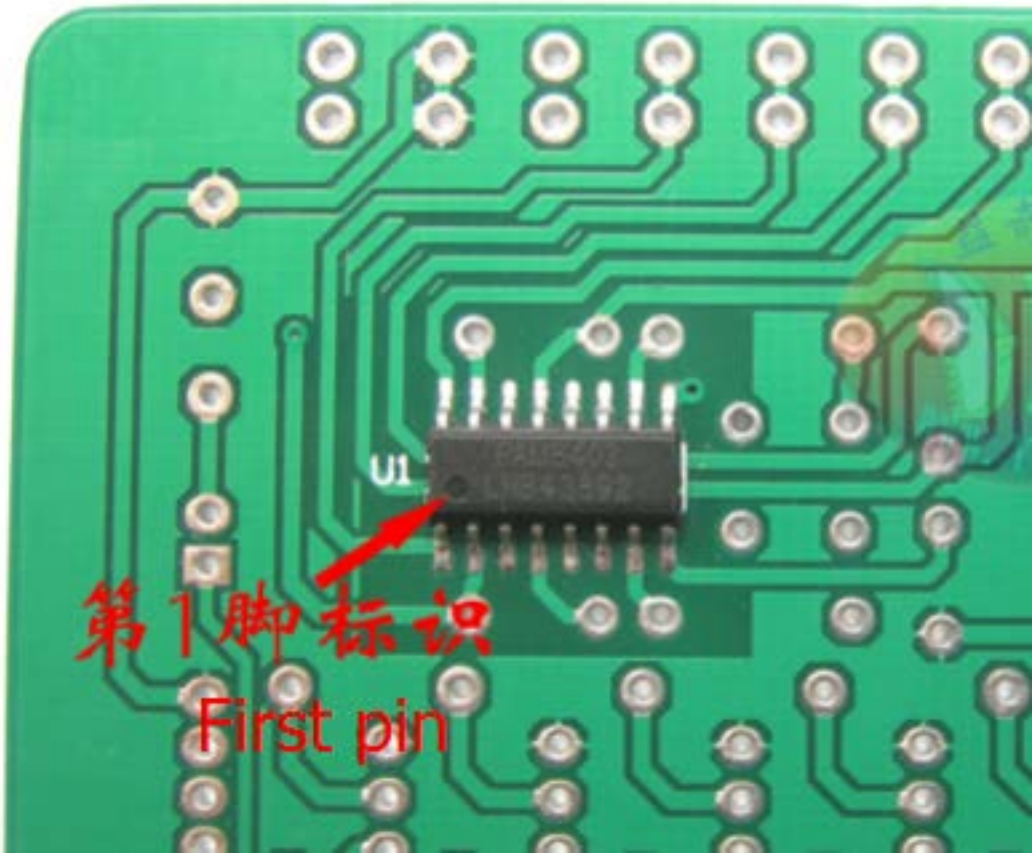
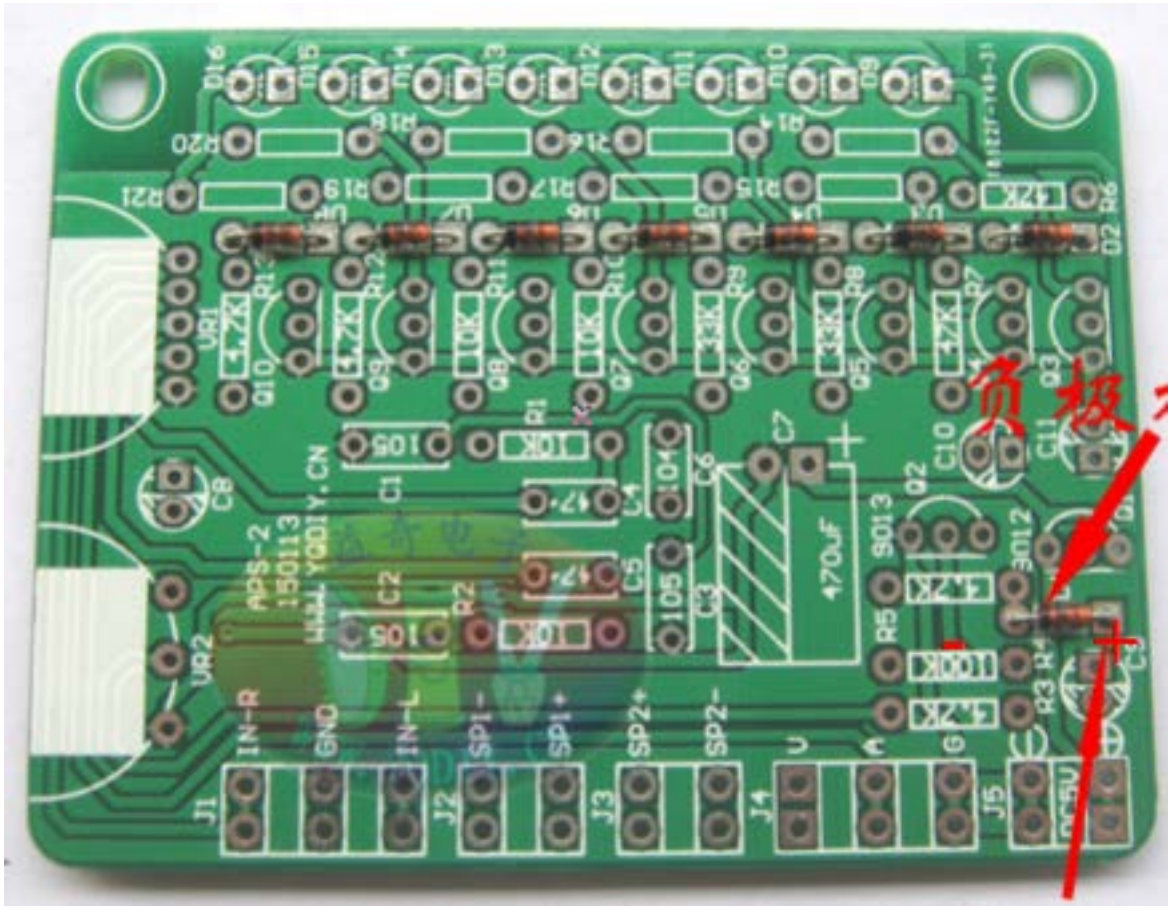
The main speaker production steps

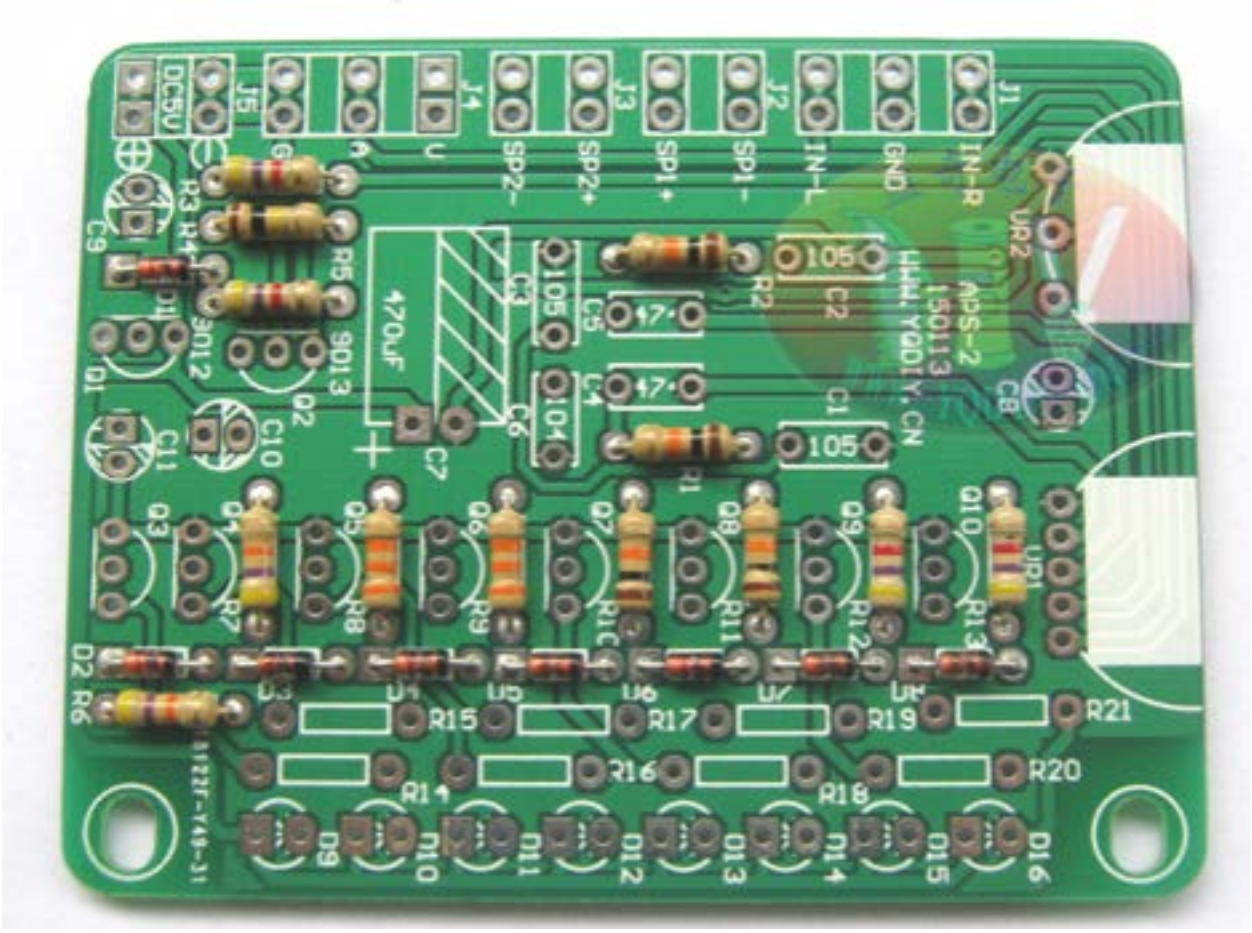
1. Welding a chip



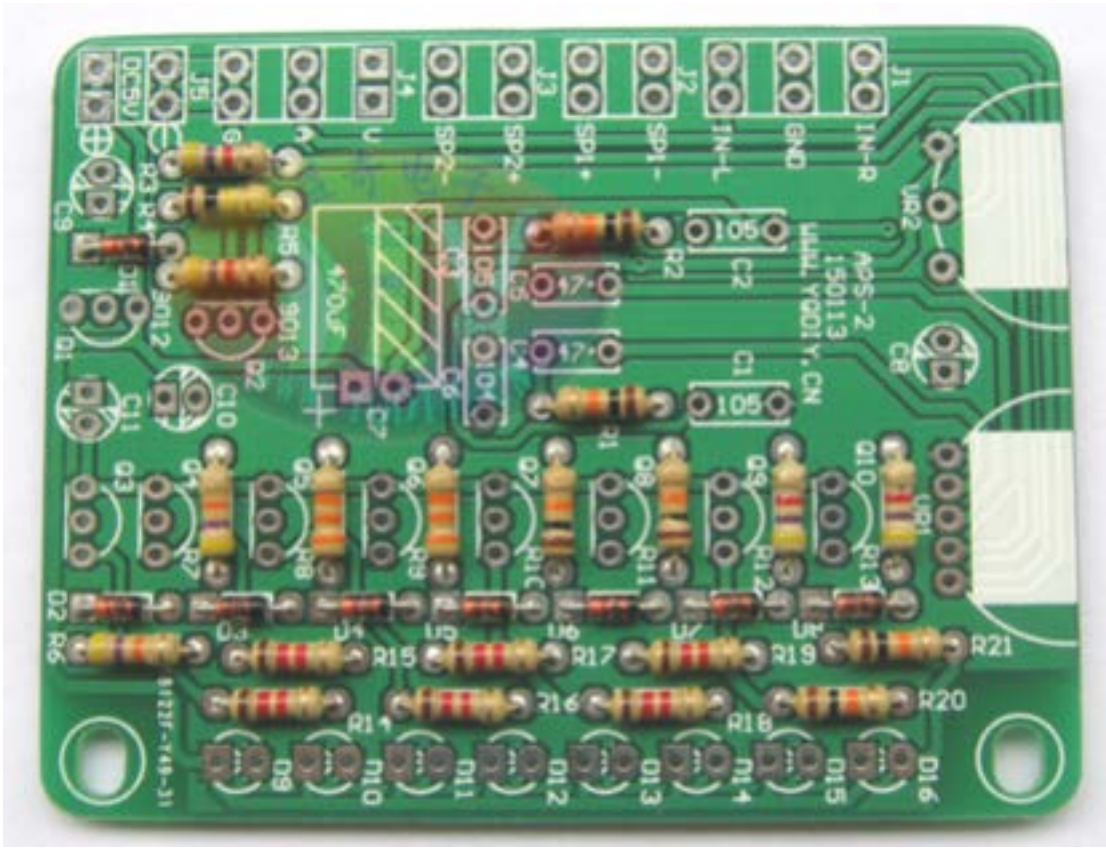
2. Welding eight diodes



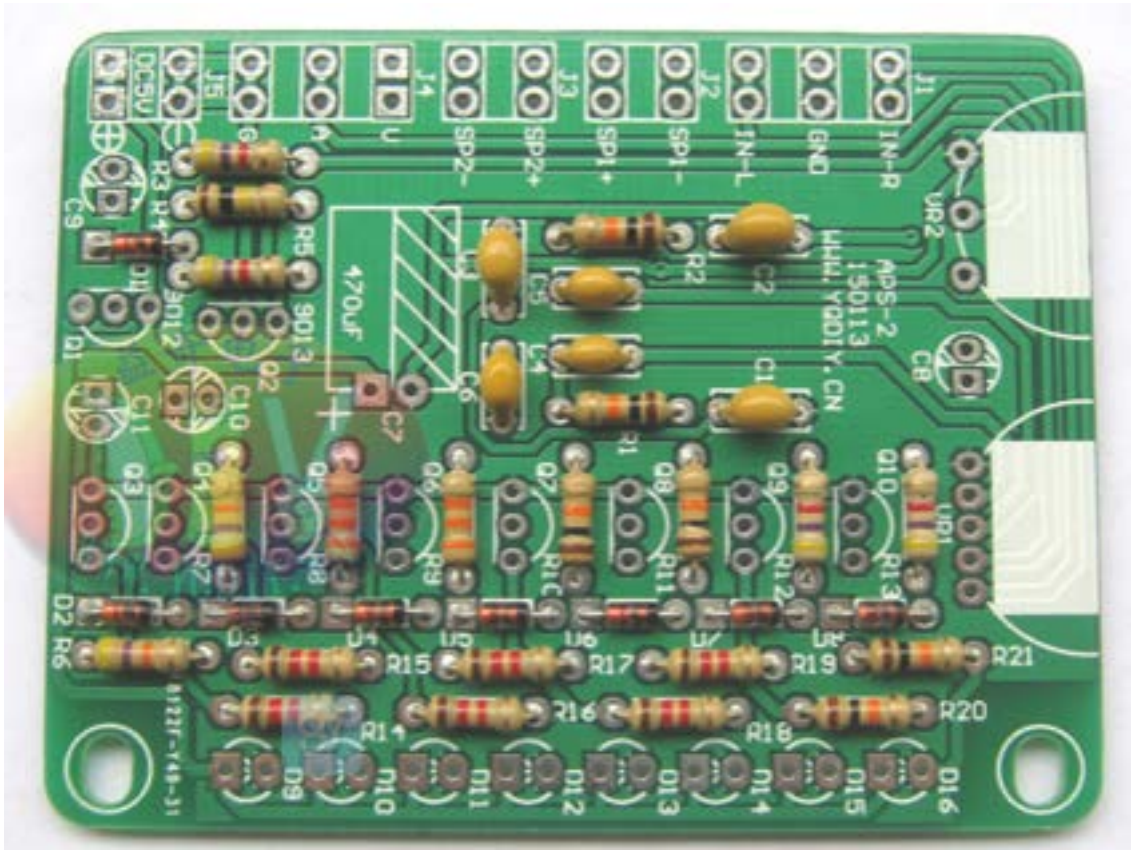
3. Welding 13 resistance



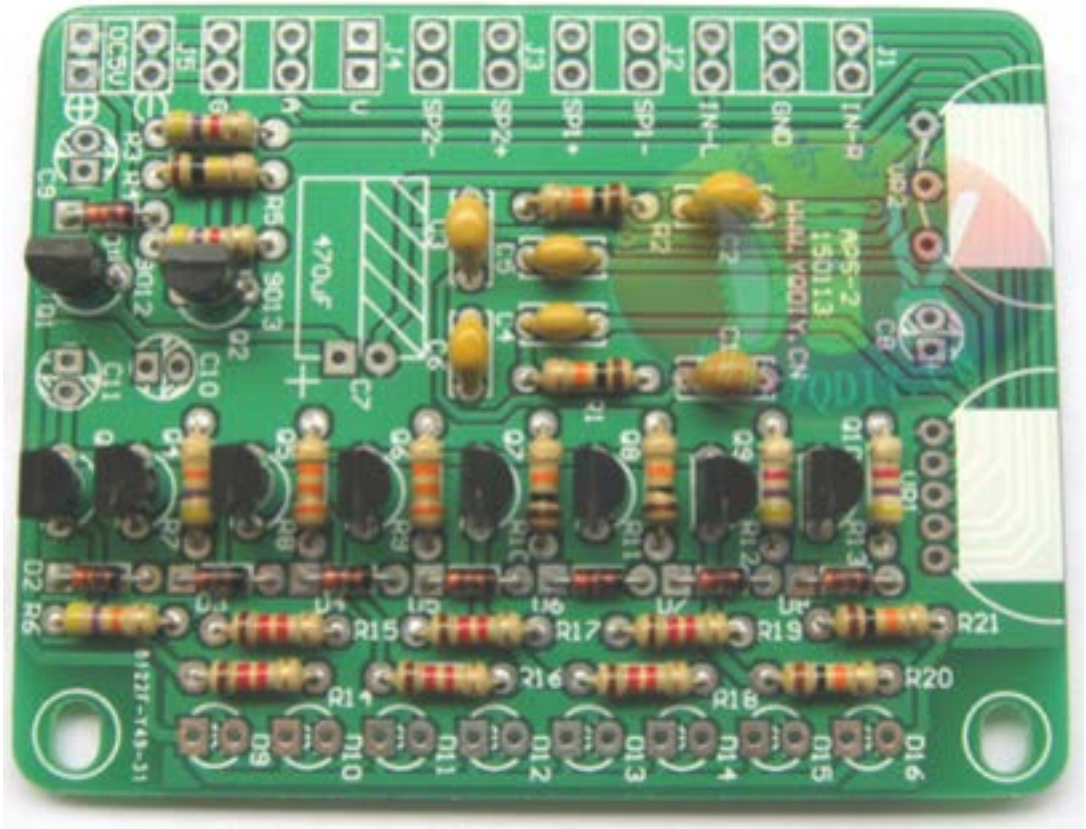
4. welding 8 resistance (R14-R21)



5. Welding 6 monolithic capacitors

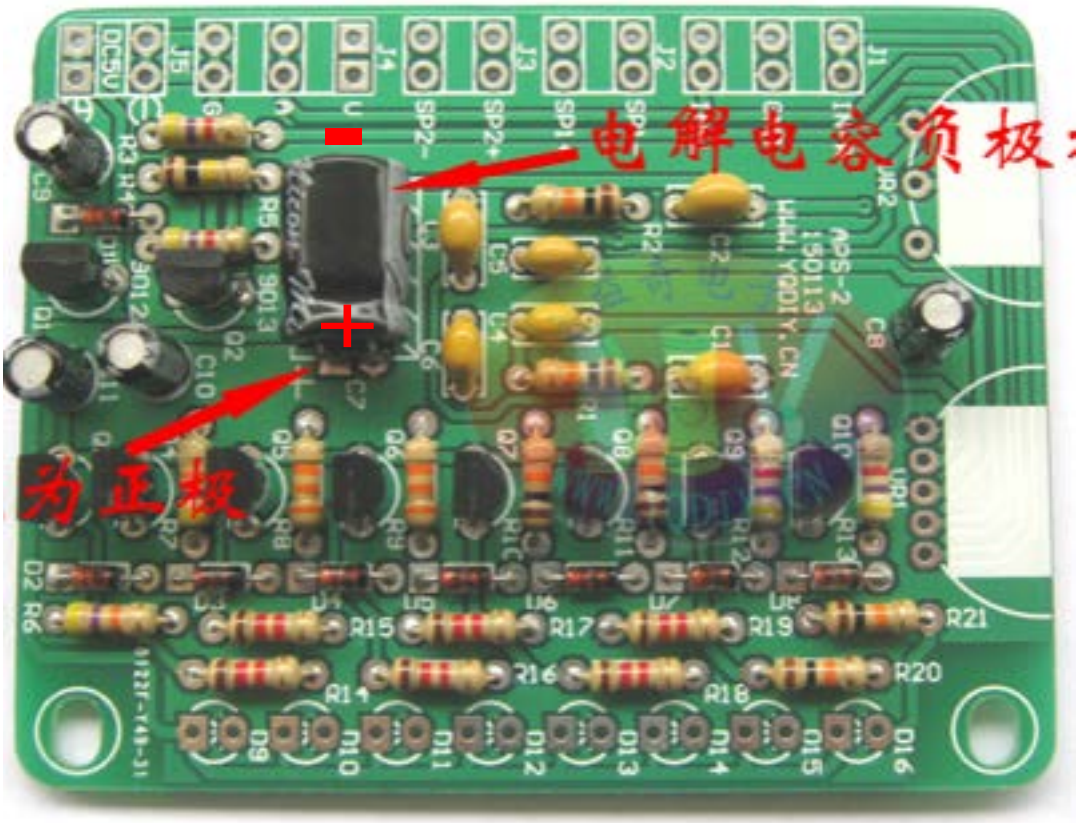


6. Welding 10 Transistor (Note models)

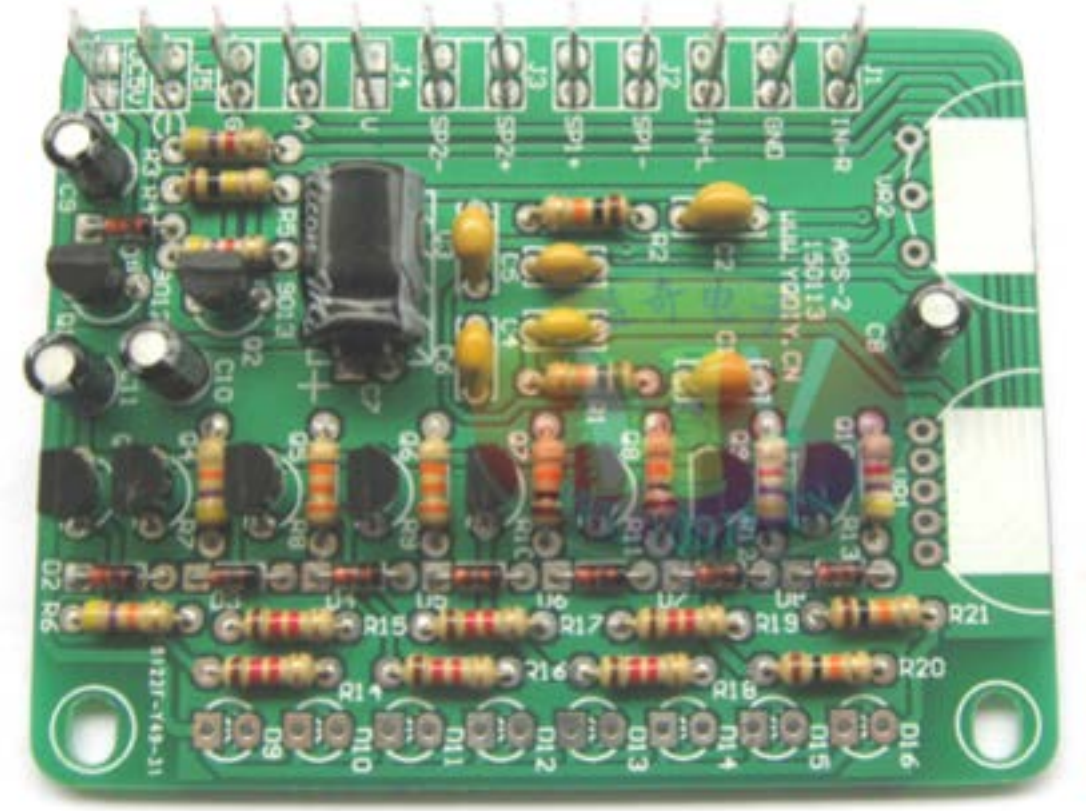


Q1: 9012
Others: 9013

7. Welding 5 electrolytic capacitors (note the direction)

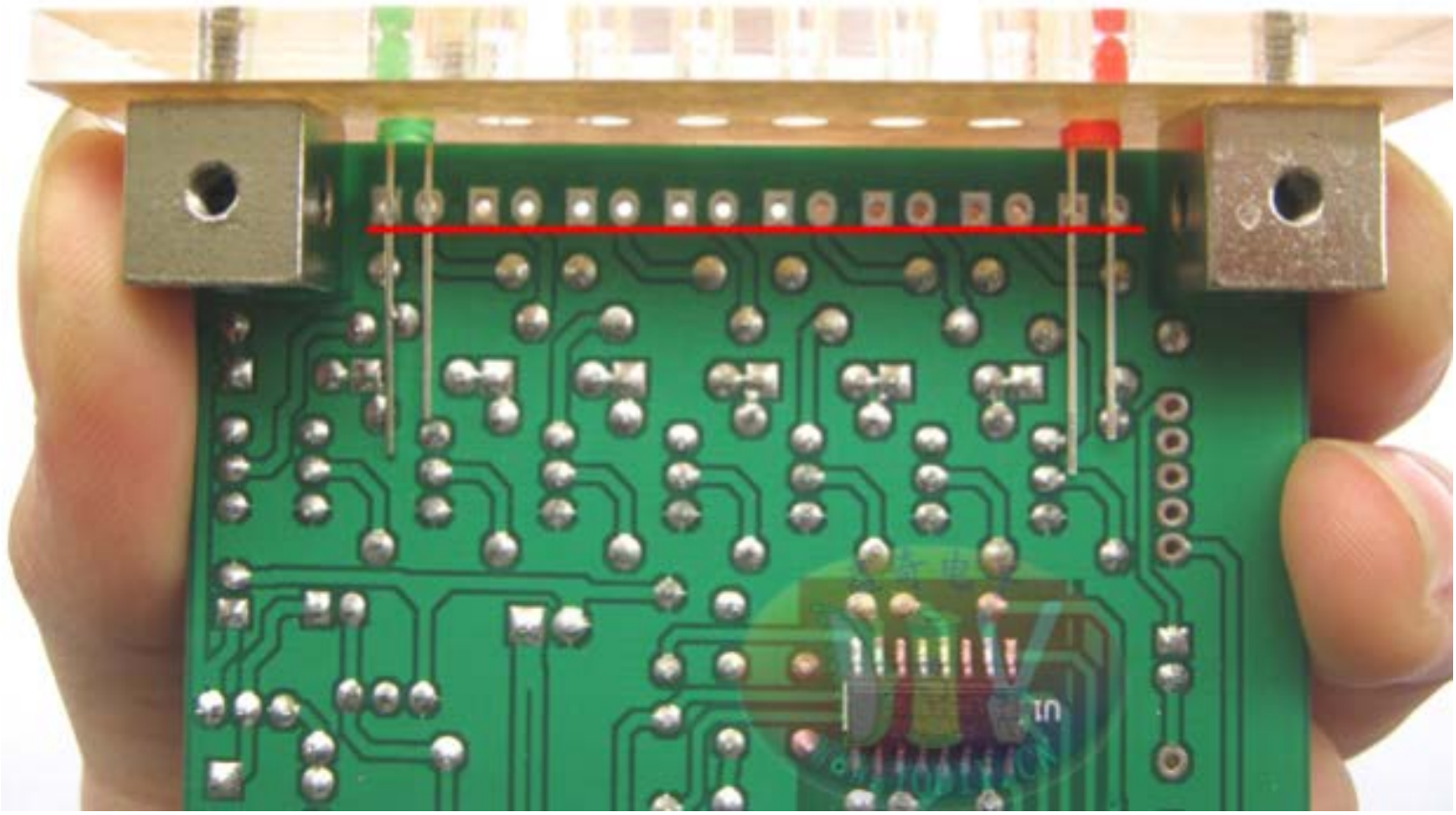


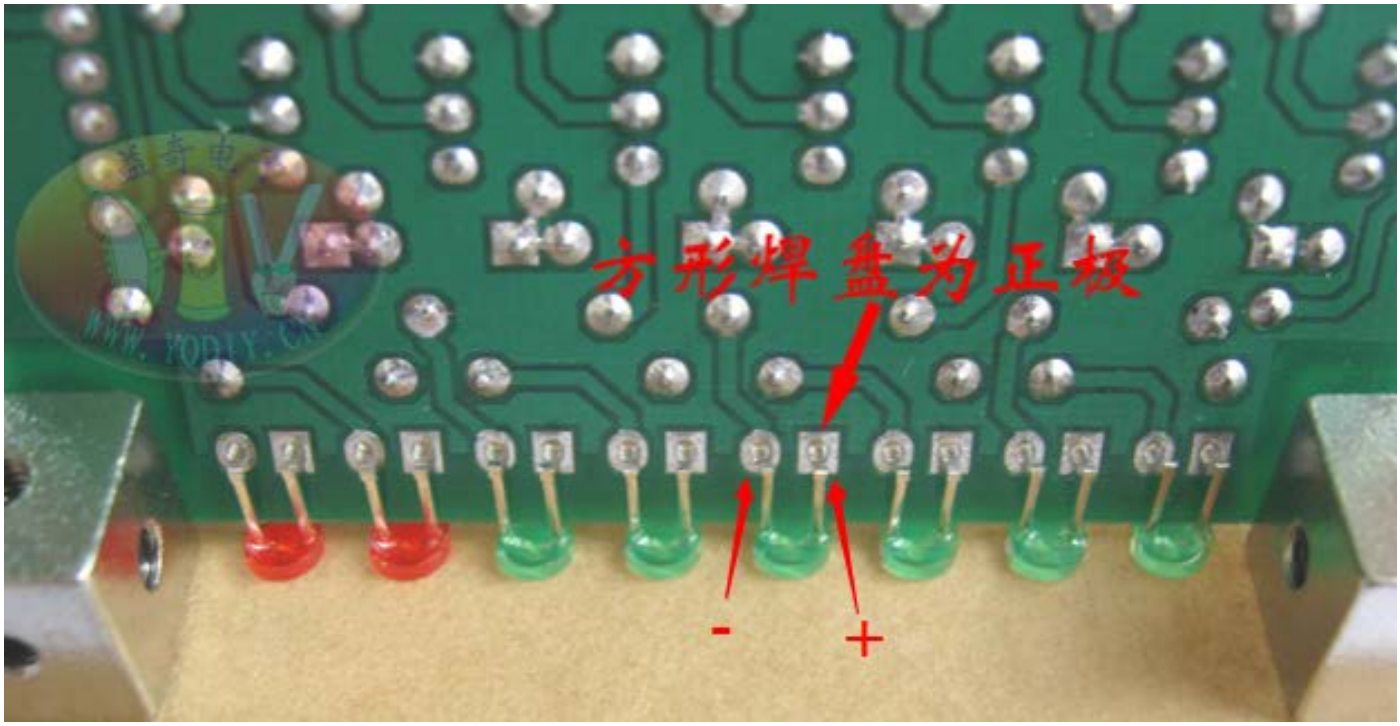
8. Welding 12 inserts

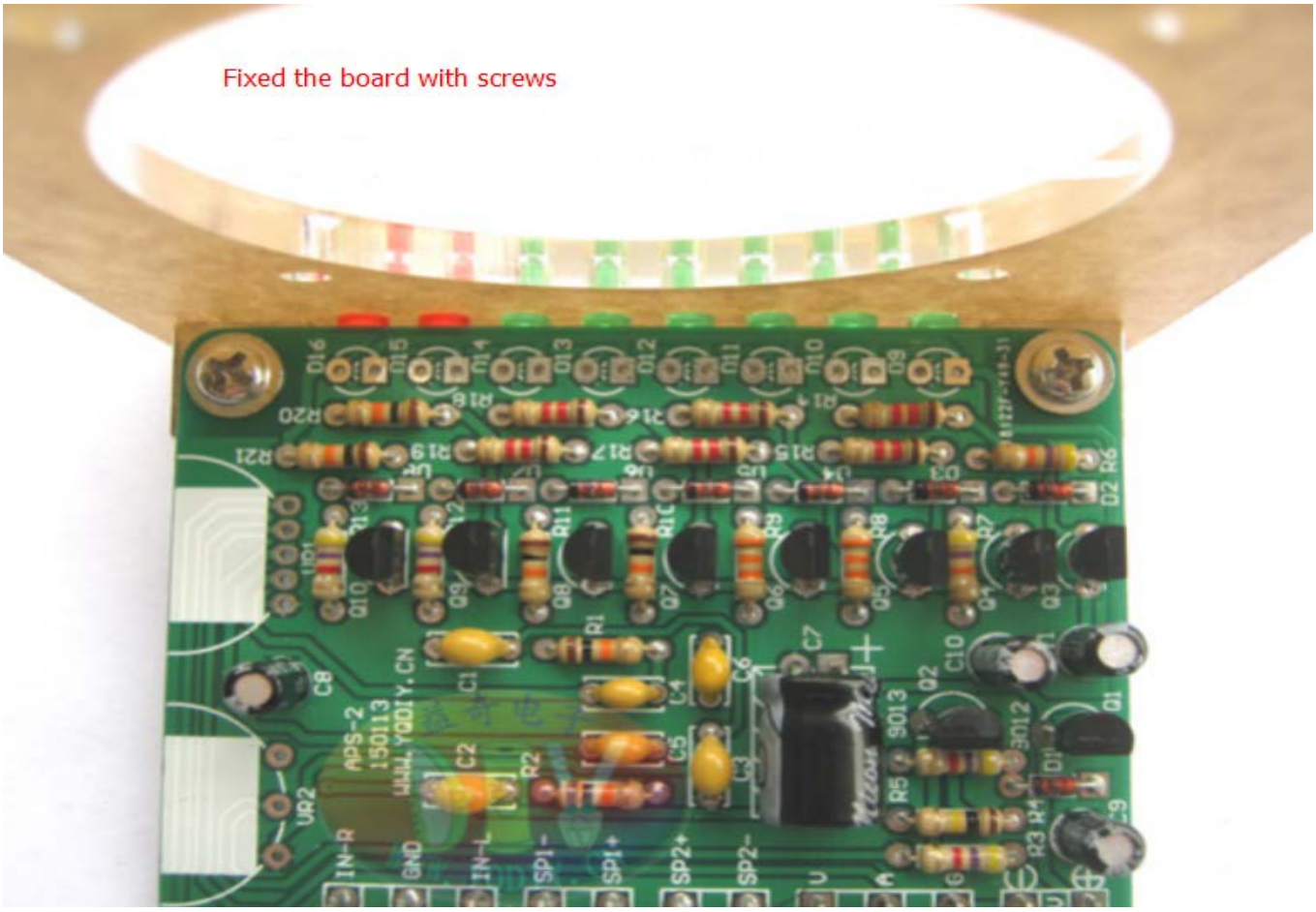


9. Install the block

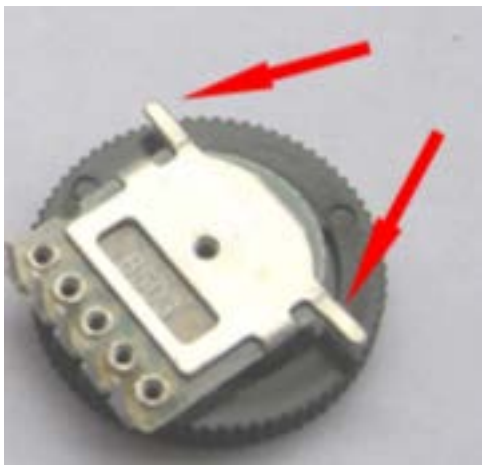
10. Install the LED



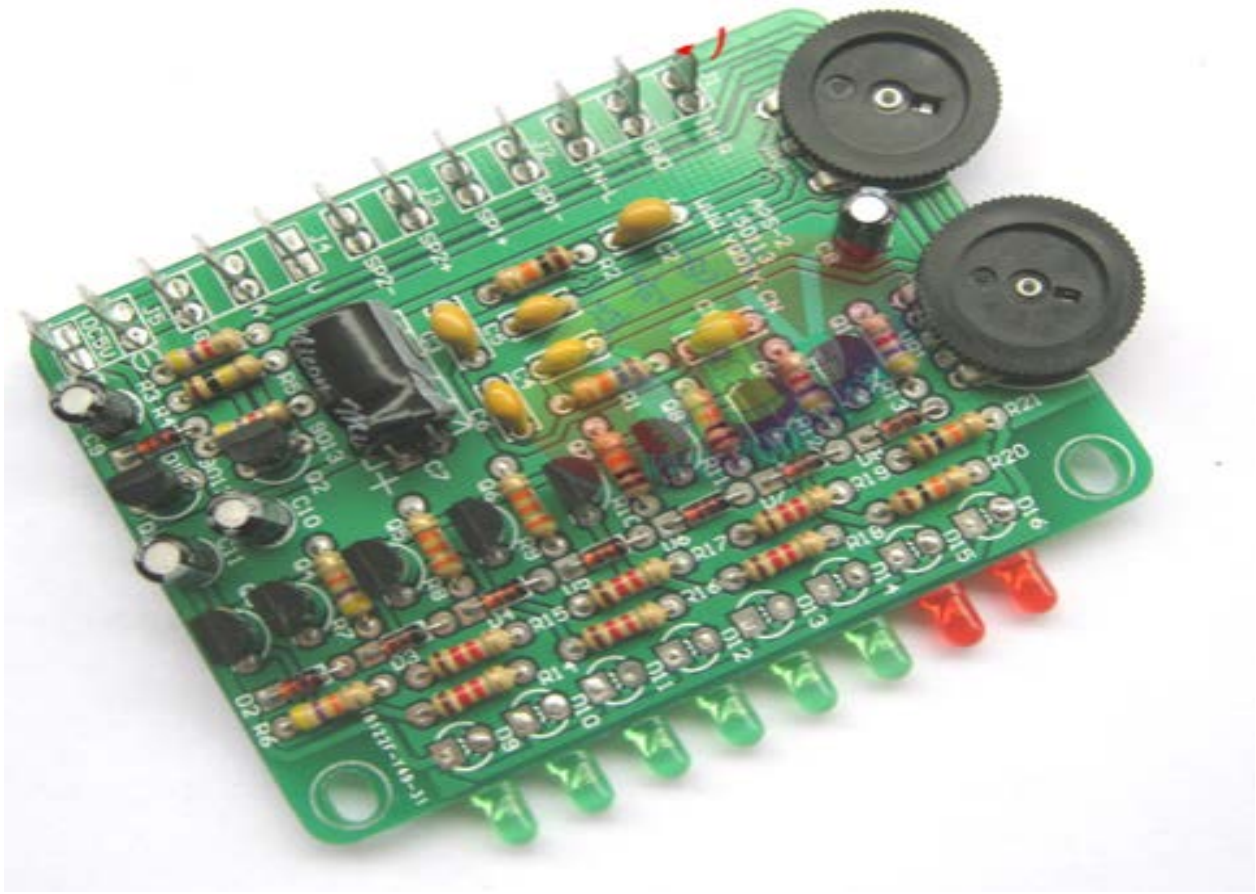




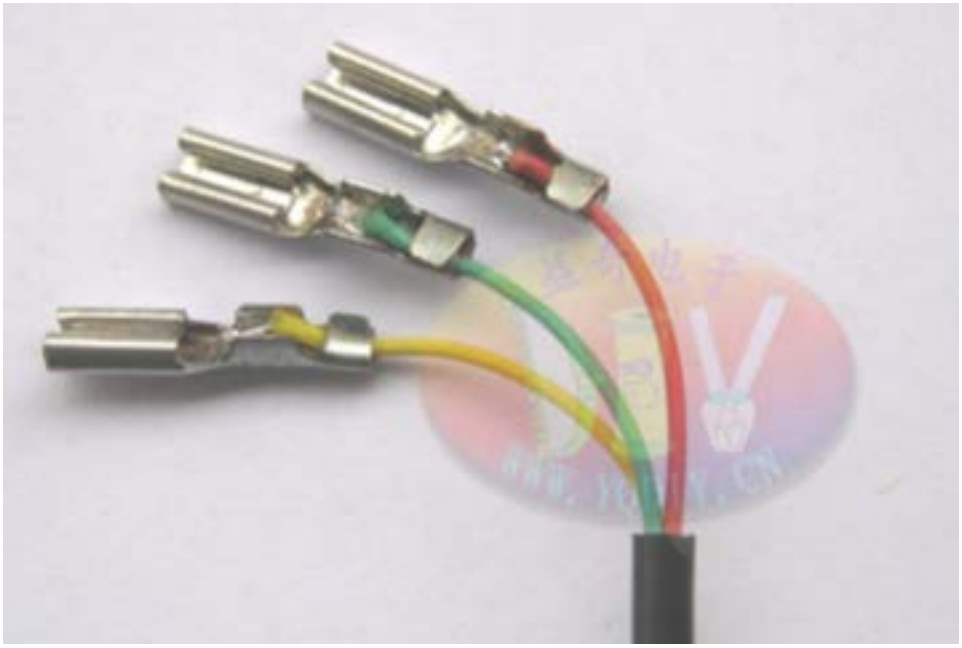
13. Potentiometer fixed pin



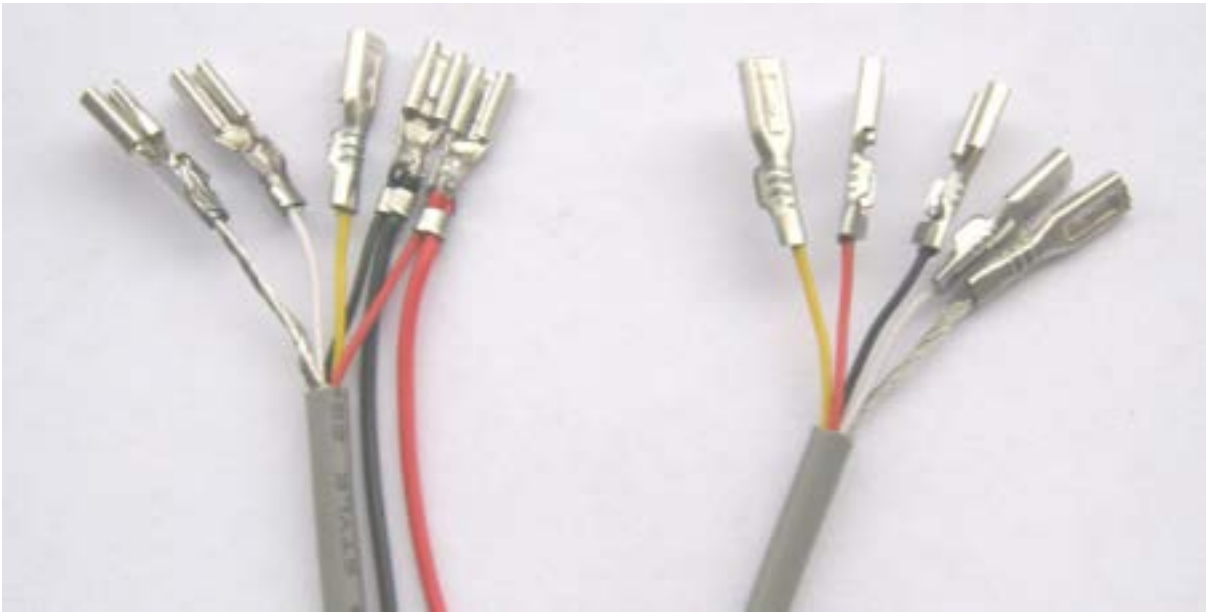
14. Welding two potentiometers



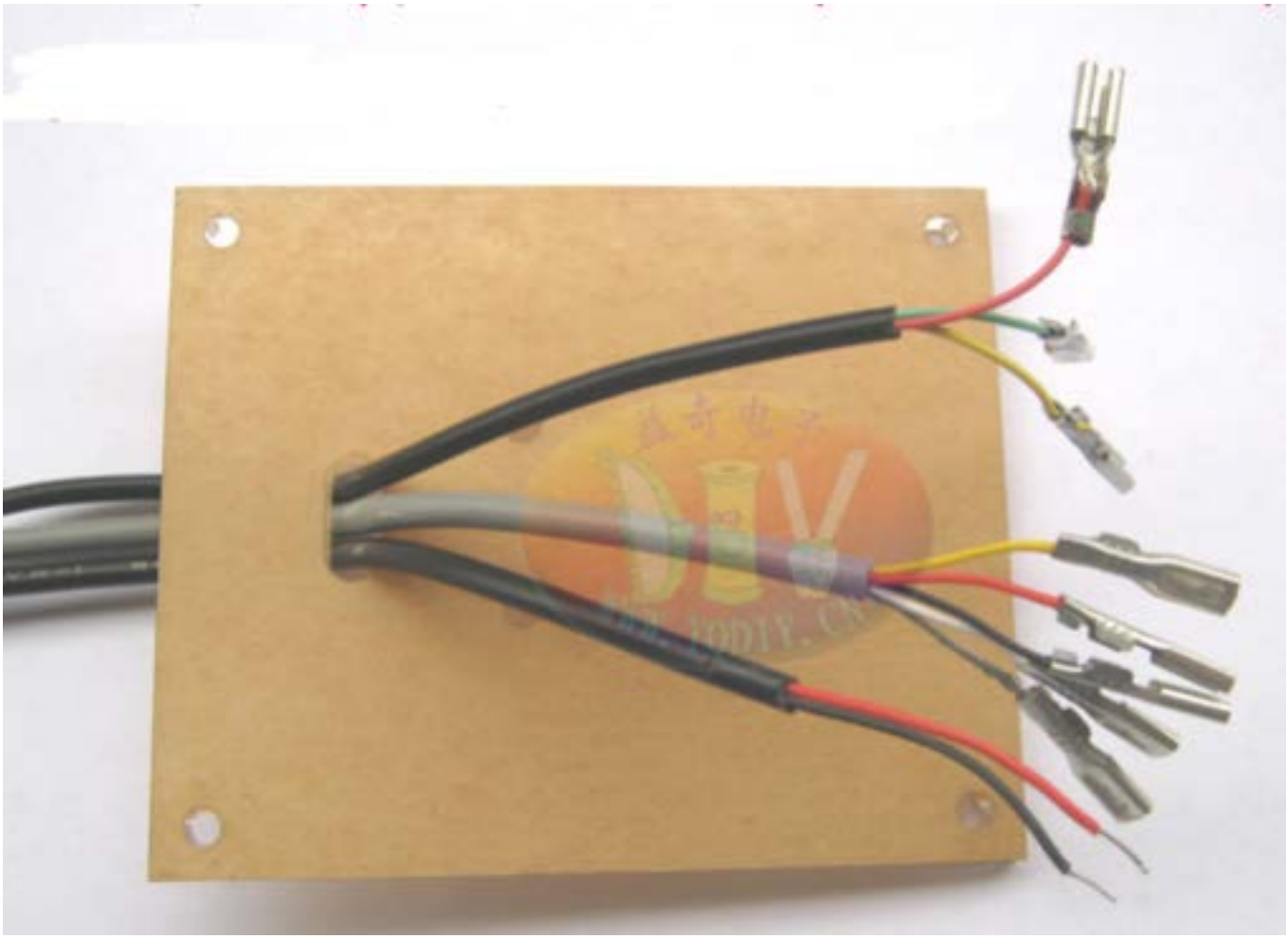
15. Processing audio cable



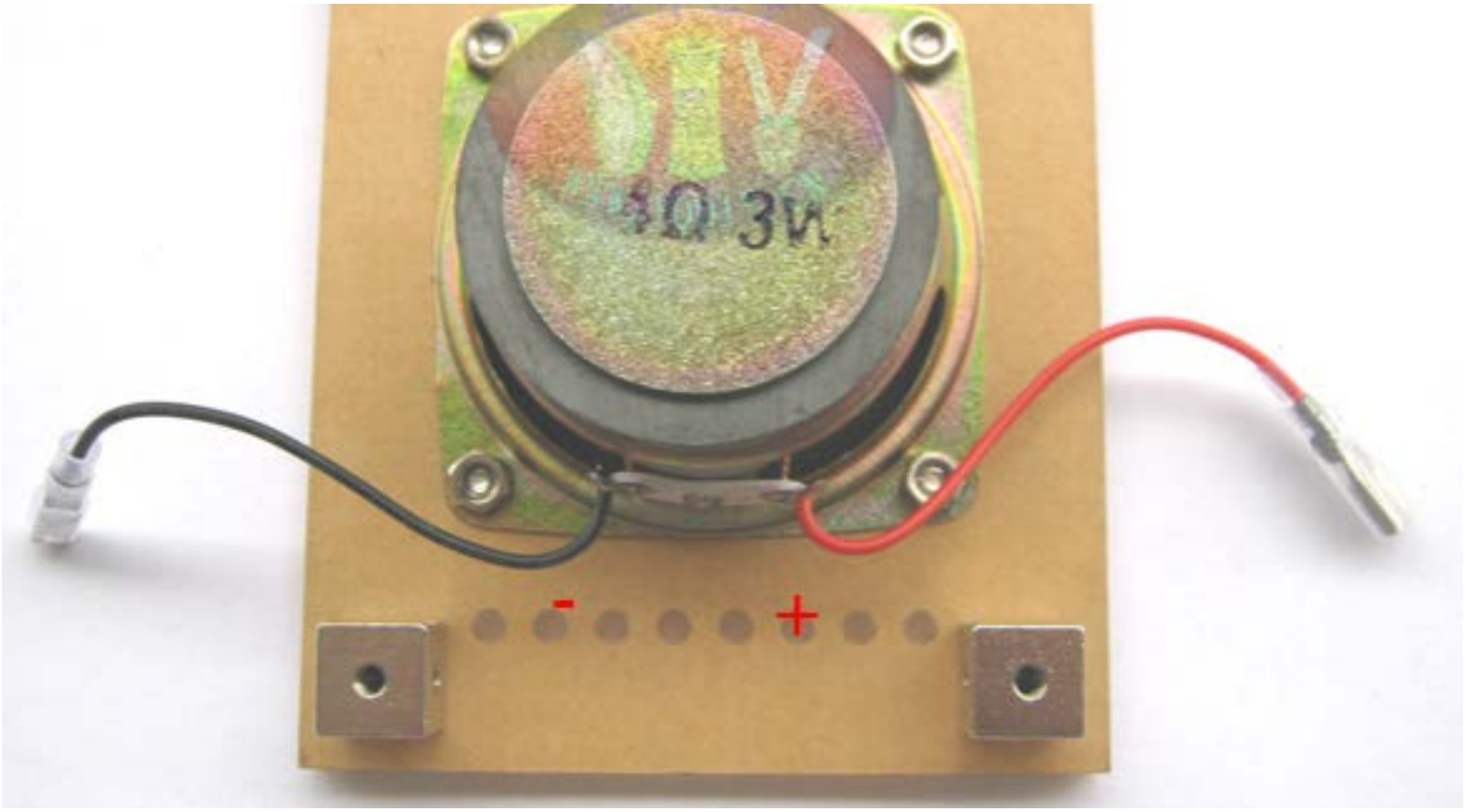
16. Processing shielded wire



17.

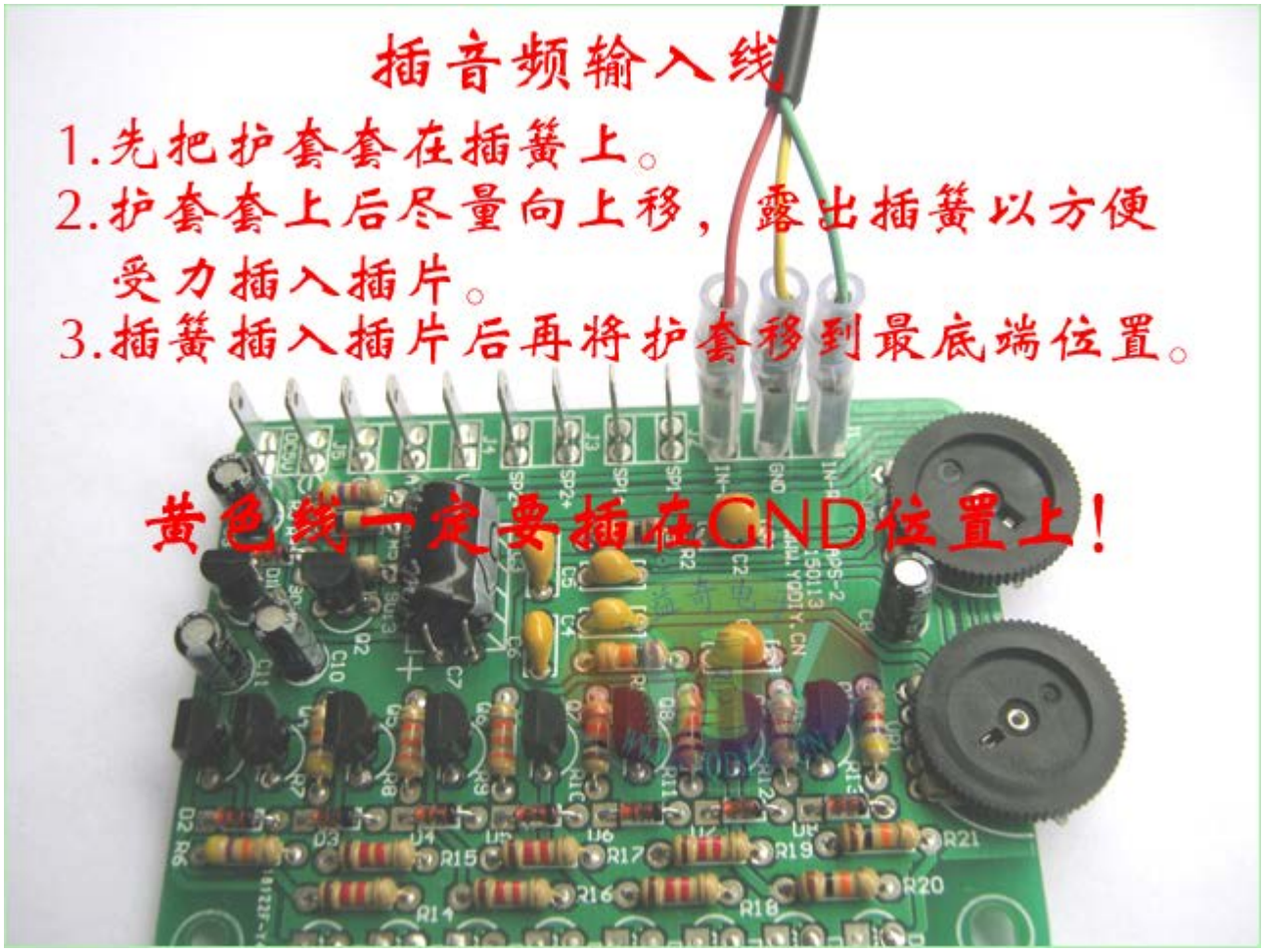


18. Install the speaker



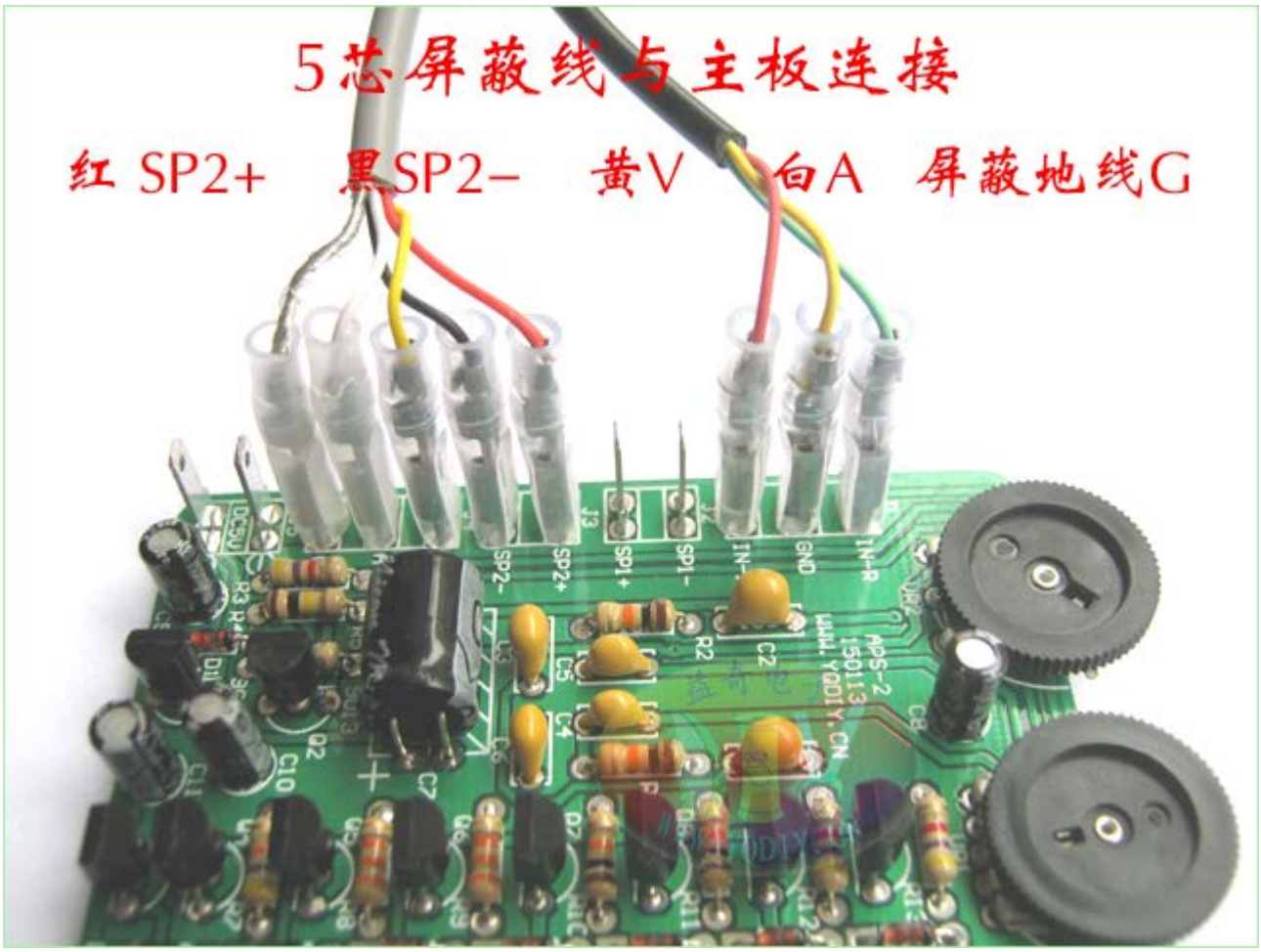
19. Insert audio cable

The yellow line need to plug GND



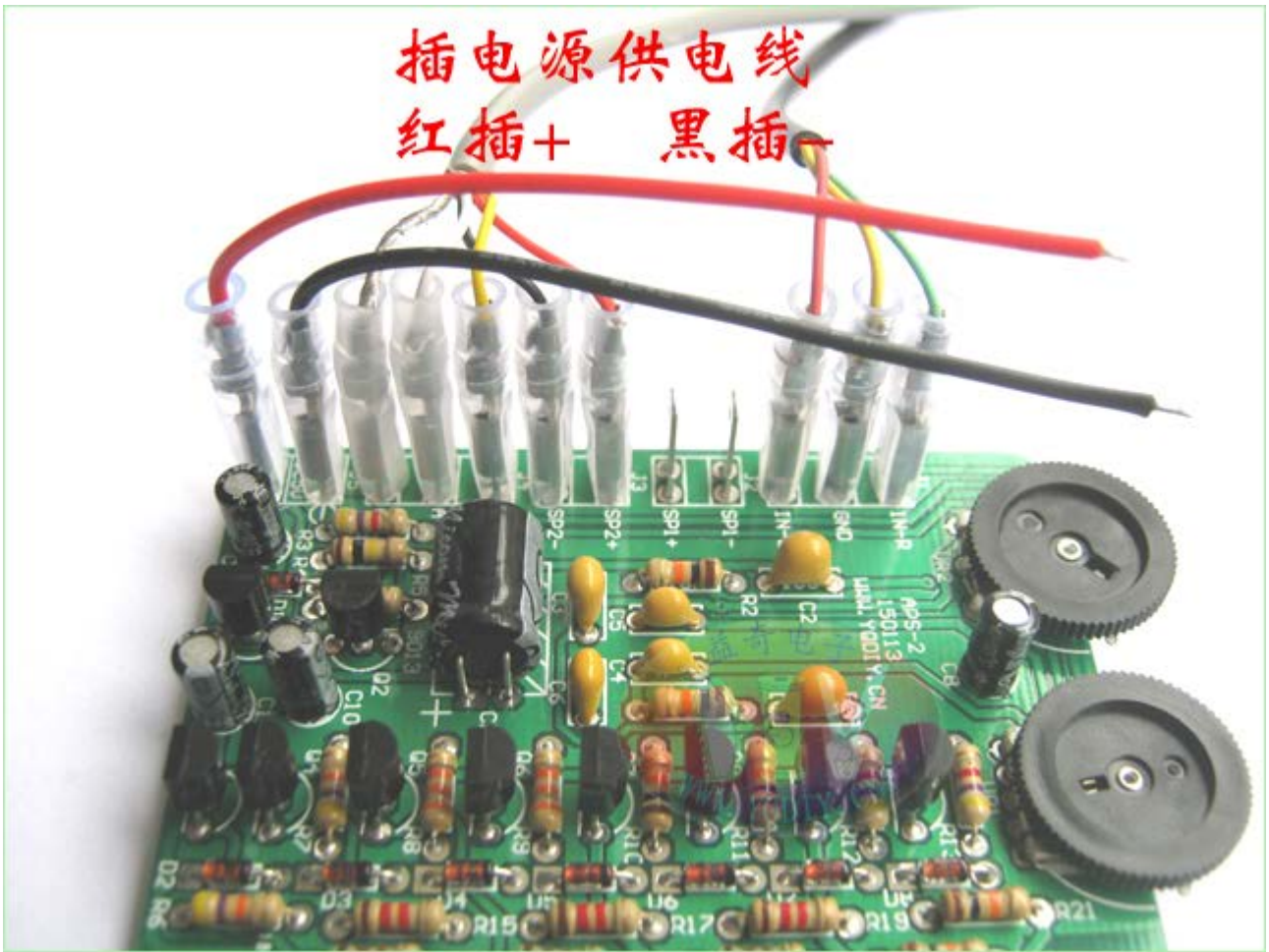
20. Insert 5 shielded cable

Red: SP2+ Black: SP2- Yellow: V White: A Shielding ground line: G



21. Plug the power cable

Red cable: + Black cable: -



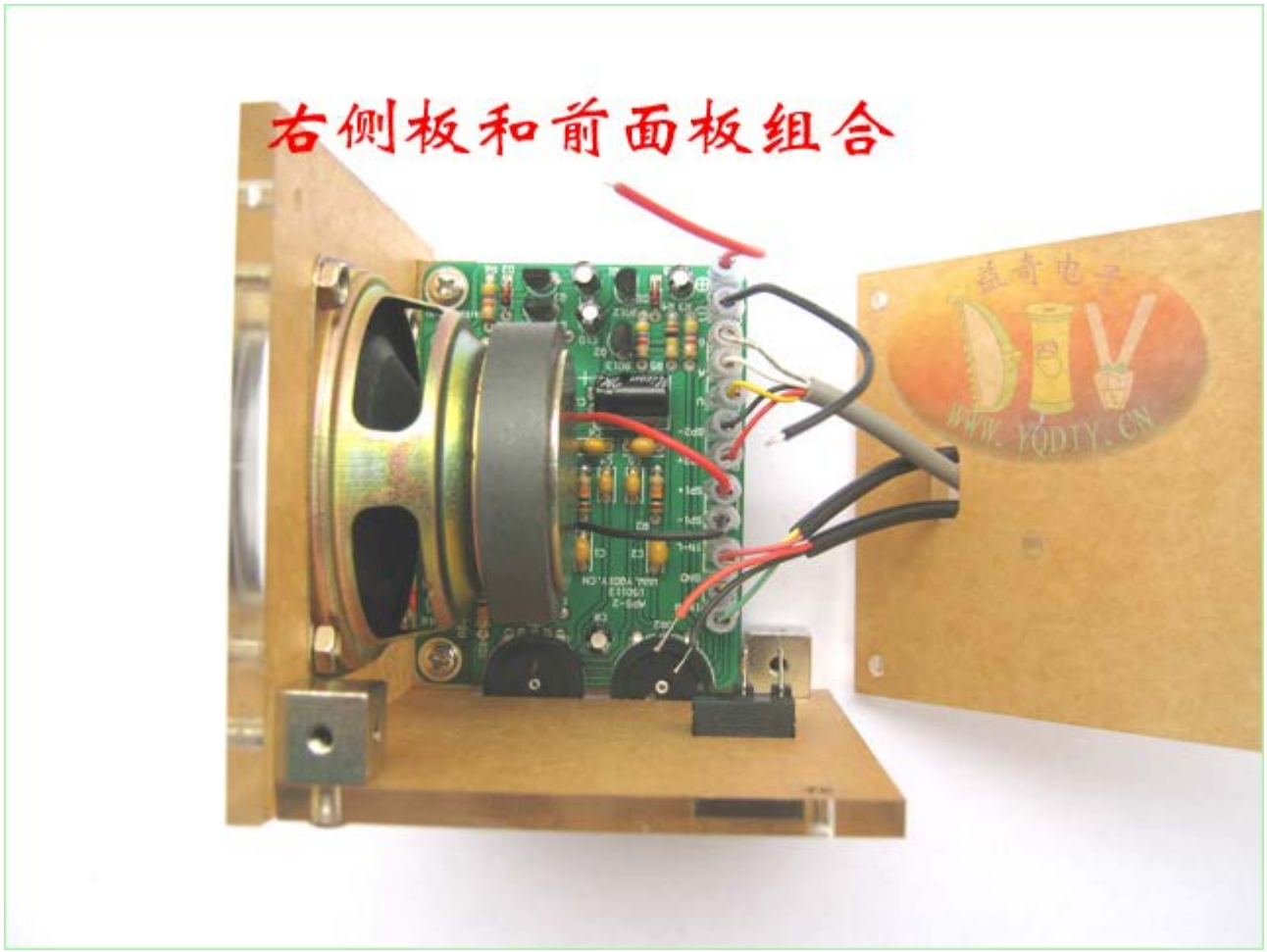
22. Insert speaker wire (with polarity)

Red cable: SP1+ Black cable: SP1-

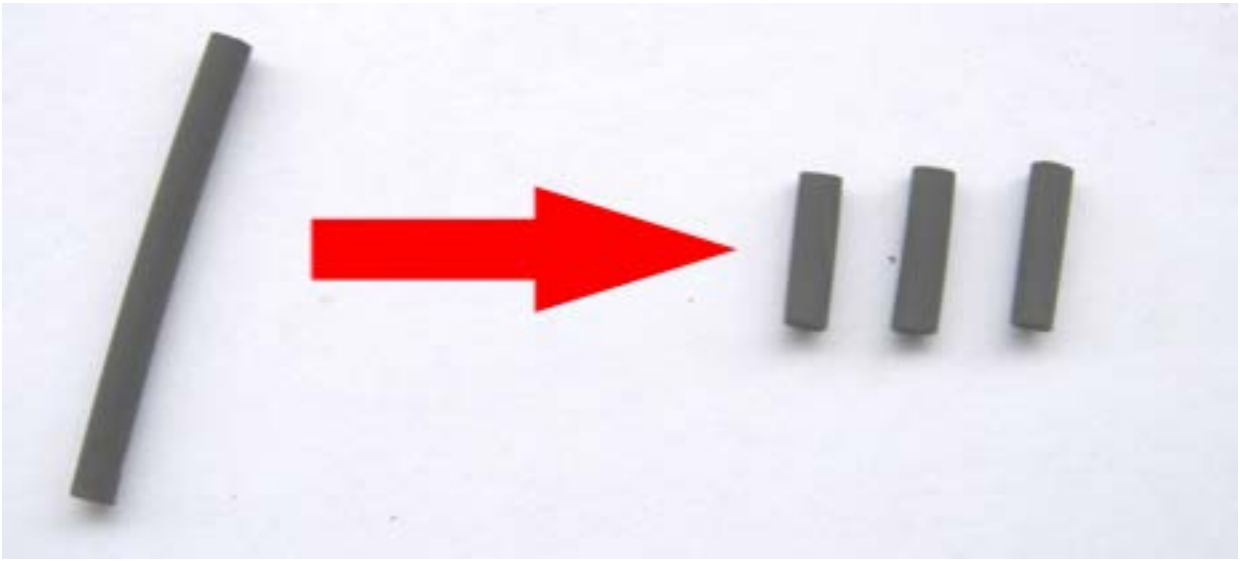
23. Finish

24. Install the fixed block and switch

25. Install the case with screws



26. Heat Shrink Tubing



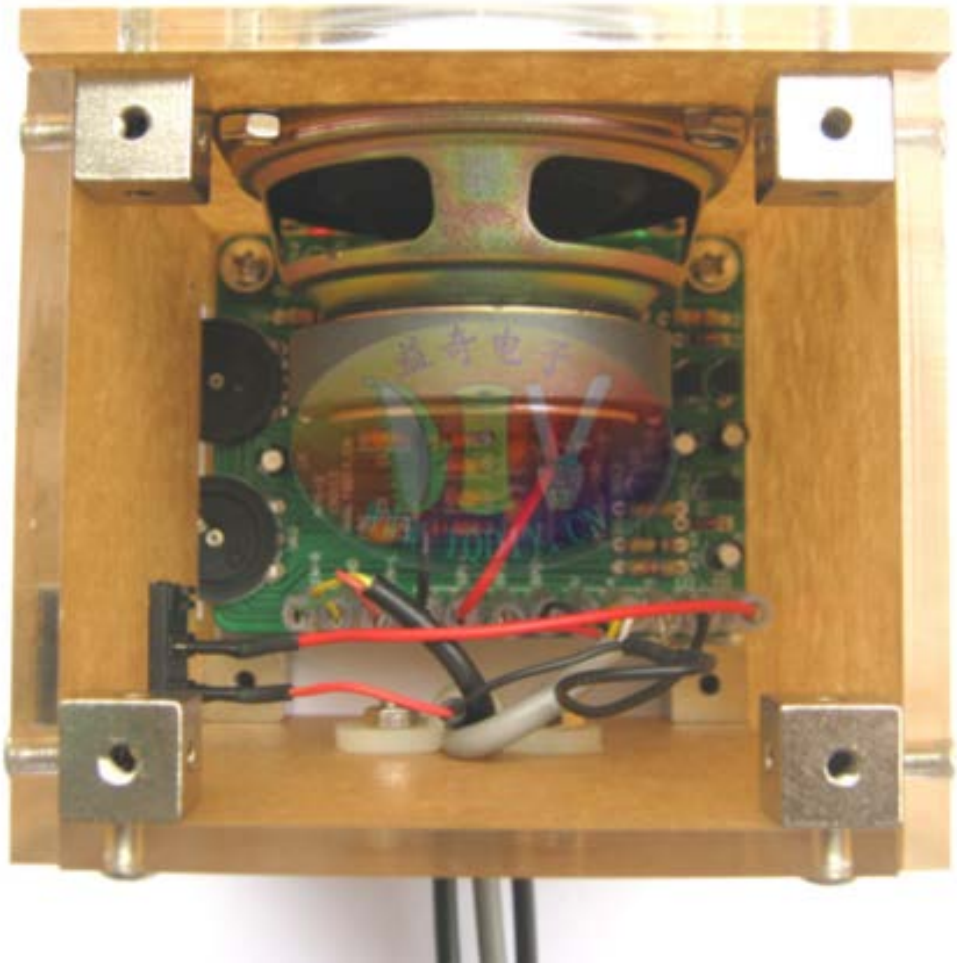
27. Cover the cables with the heat shrinkable tube like the picture

28. Now you can power on and connected to the audio signal to test the speakers whether is normal loud and instruction level.
If not normal need to suspend a later step, after troubleshooting then performed other steps.

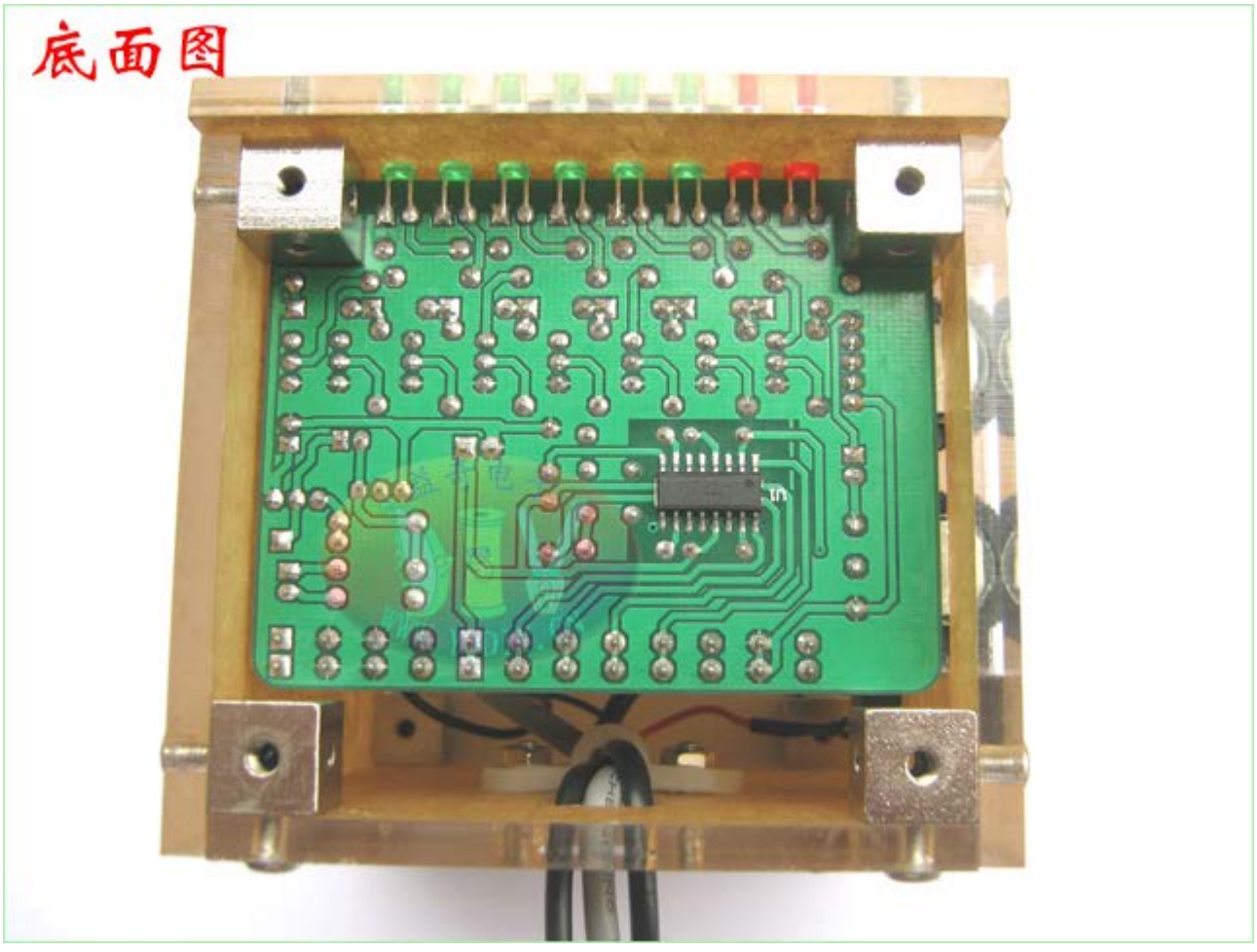
After welding wire, heat shrink tube

29. Fixed the cables

30. Install the case



31. Bottom



副音箱内部安装图


副音箱电平指示灵敏度调节
电源开关
Power supplly
Sensitivity adjustment
Volume adjustment
音量调节
主音箱电平指示灵敏度调节


USB供电线、音频输入线及主副音箱连接线
长度均为1米
95.5mm
76mm
71mm