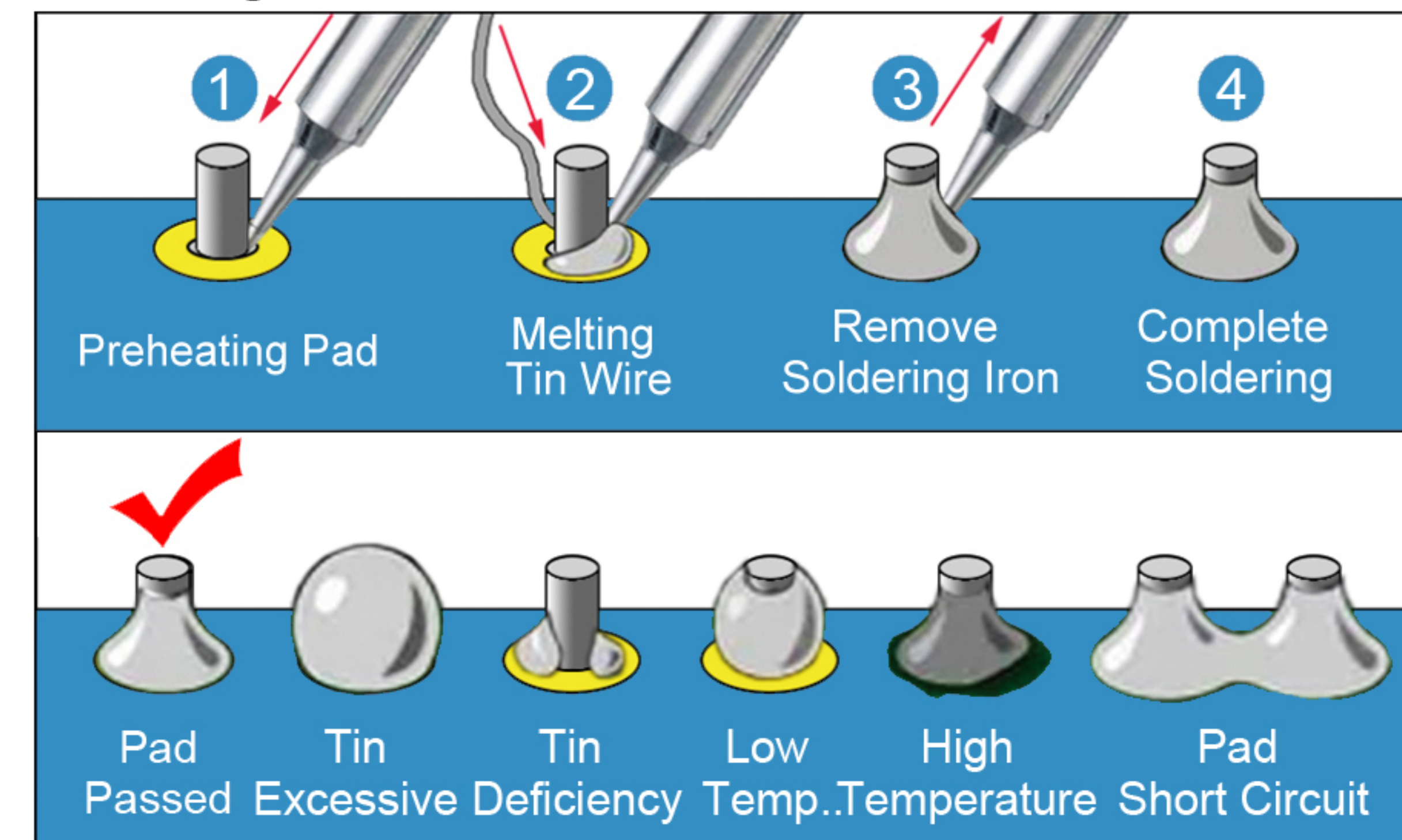


CAI-268 Pixel Game Console

Soldering Method:



Component Listing:

10K Metal Film Resistor ×1	LED Dot Matrix Screen ×2
10uF Electrolytic Capacitor ×1	STC15F2K60S2 MCU ×1
0.1uF (104) Ceramic Capacitor ×1	DIP-40 IC Socket ×1
S8550 Transistor ×1	PCB ×1
Red Wire ×1/Black Wire ×1	12*12 Button ×5 Button Cap ×5
MICRO USB ×1 1.7*8 Screw ×4	Battery Metal Connector ×4
Buzzer ×1 Toggle Switch ×1	Transparent Shell TOP ×1
Sponge ×1 Digital Tube ×1	Transparent Shell Bottom ×1

R1 10K

C1 10uF Longer Pin is '+'

C2 0.1uF (104)

1. 10Kohm Metal Film Resistor at R1; 10uF Electrolytic Capacitor at C1; 0.1uF Ceramic Capacitor at C2.

2. DIP-40 IC Socket at U1. Its notch corresponds to the position of the mark.

3. Micro USB Female Socket at USB. **Note: Adjacent pads cannot be blocked by tin. Or install it after buttons.**

4. Toggle Switch at S1. **Note: Soldering iron can't be in contact with the pins for a long time, otherwise it will damage the black plastic due to high temperature.**

5. Red 3Bit Digital Tube at LED3. **Note: 3 decimal points at the bottom.**

6. Red 8*8 Dot Matrix Screen at LED1/LED2. **Note: silk screen printing side at the bottom.**

8. S8550 Transistor at Q1. Pay attention to the installation direction.

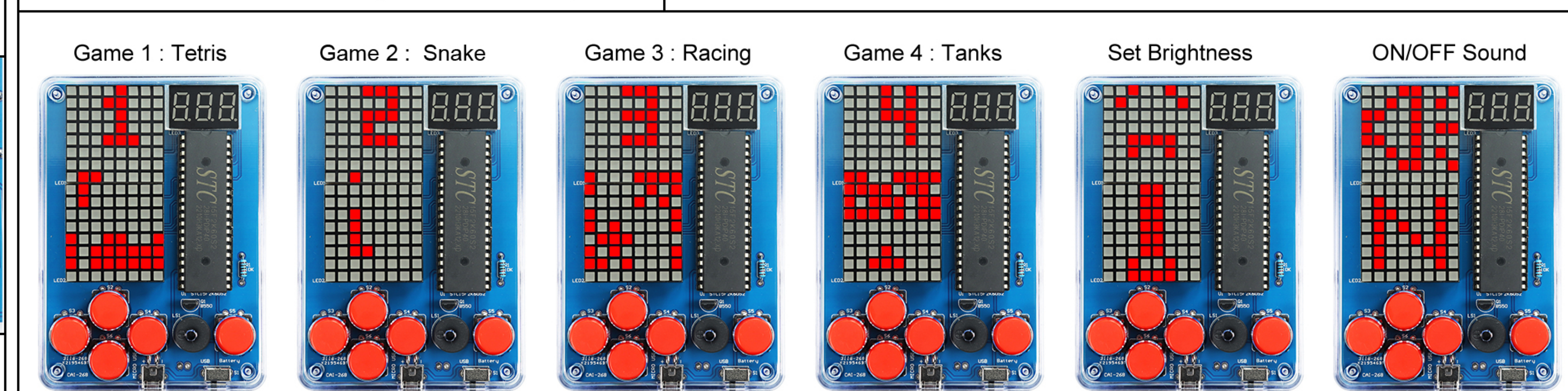
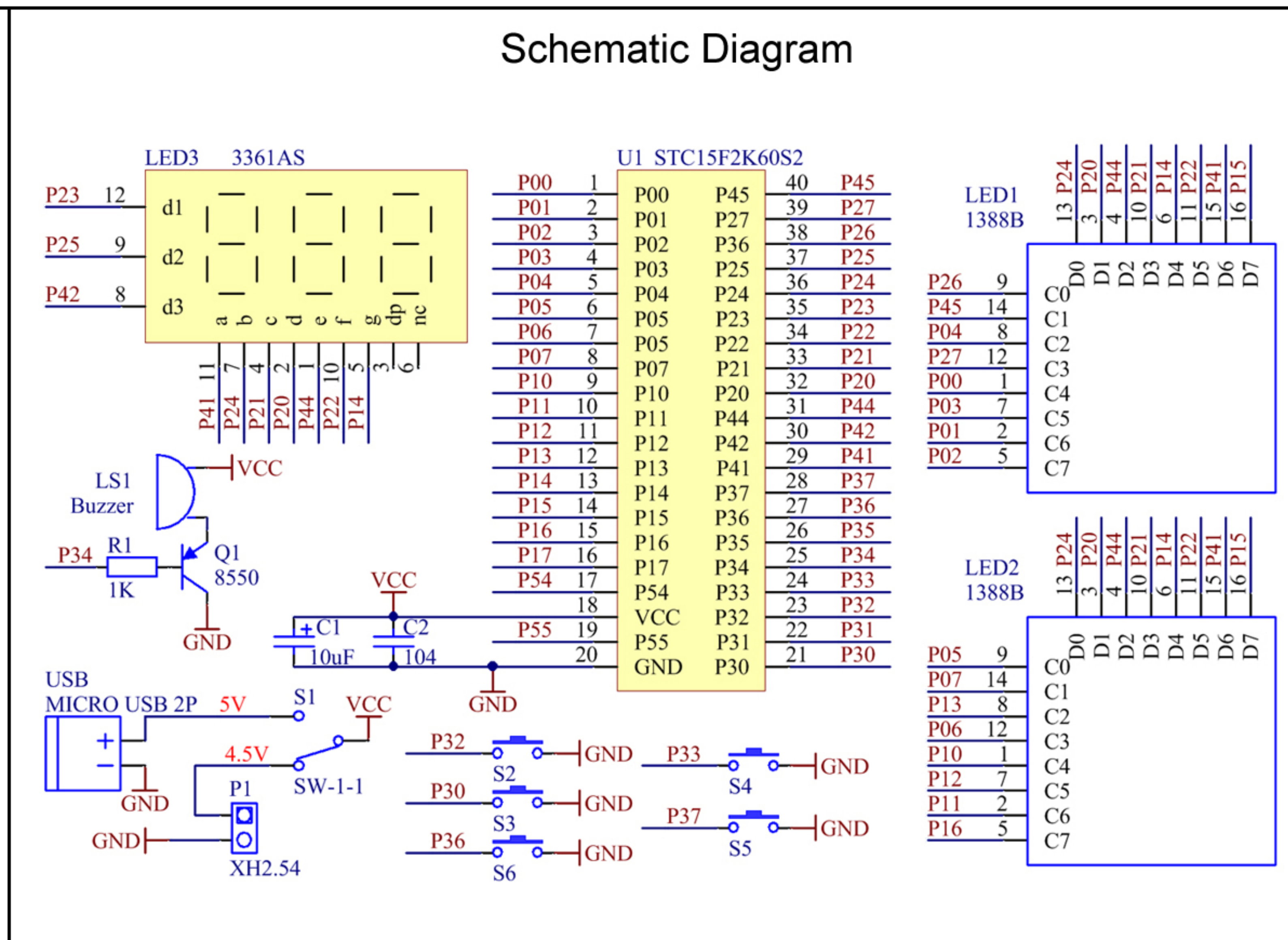
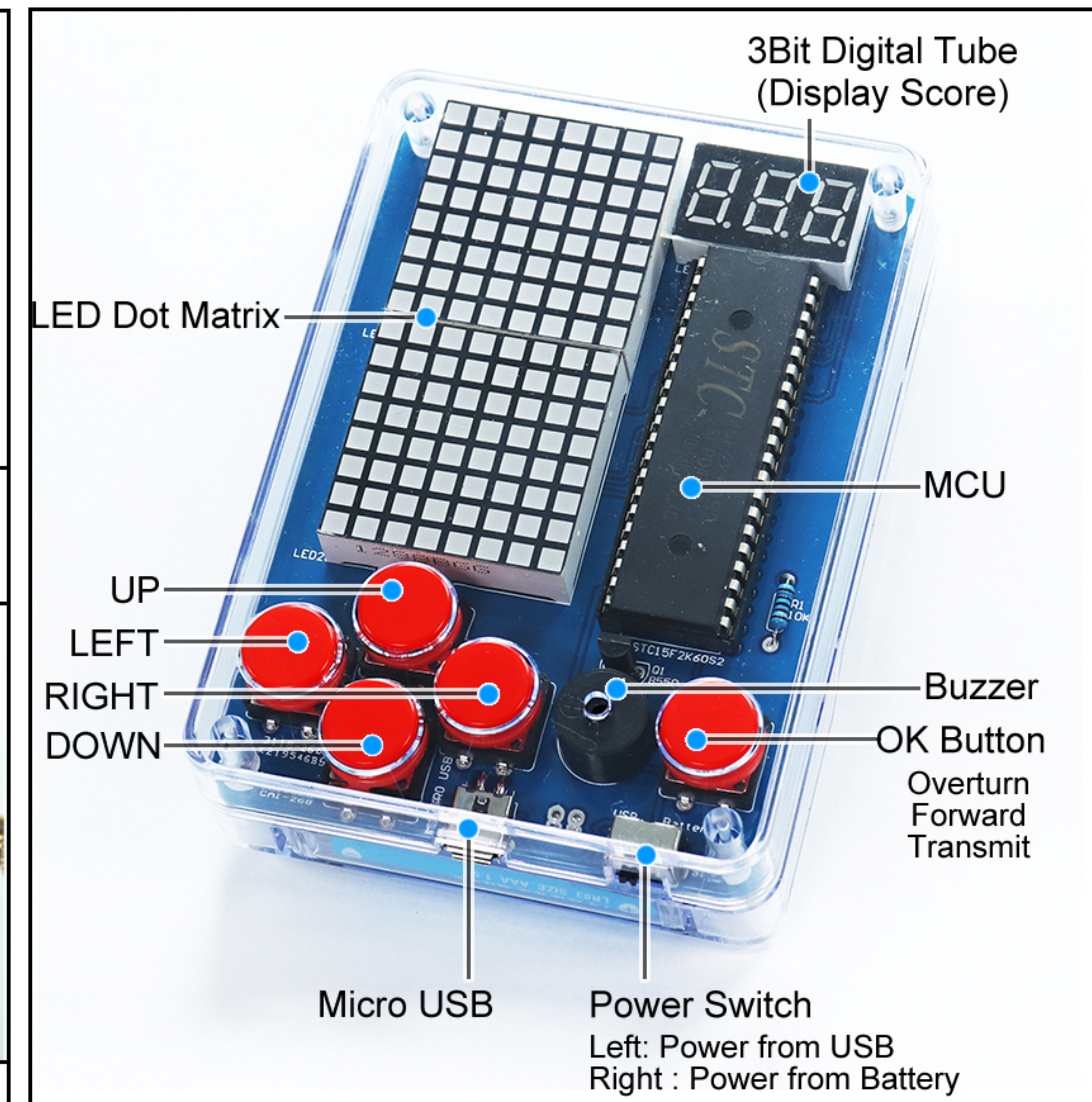
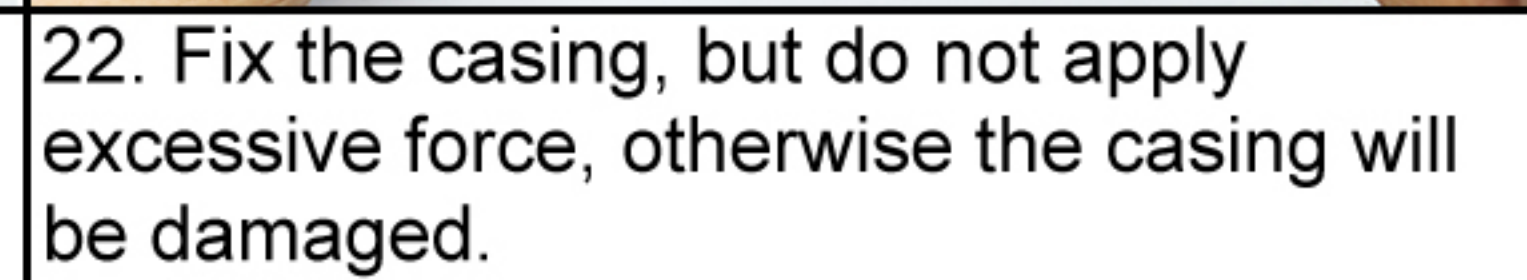
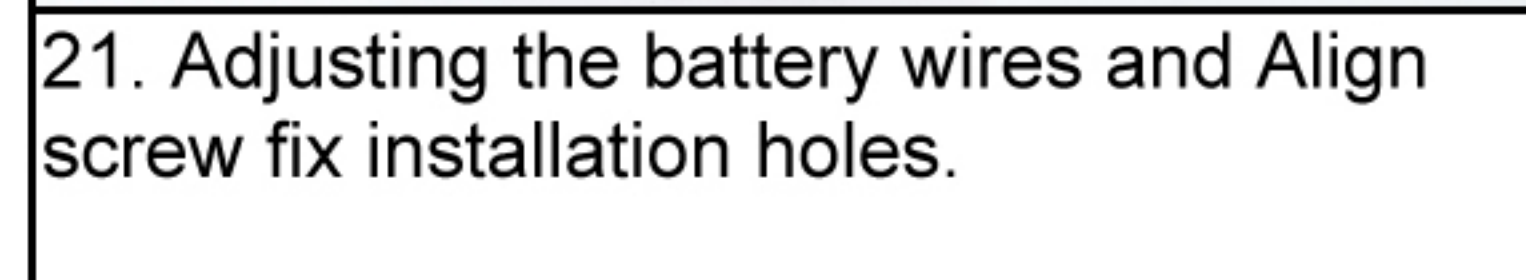
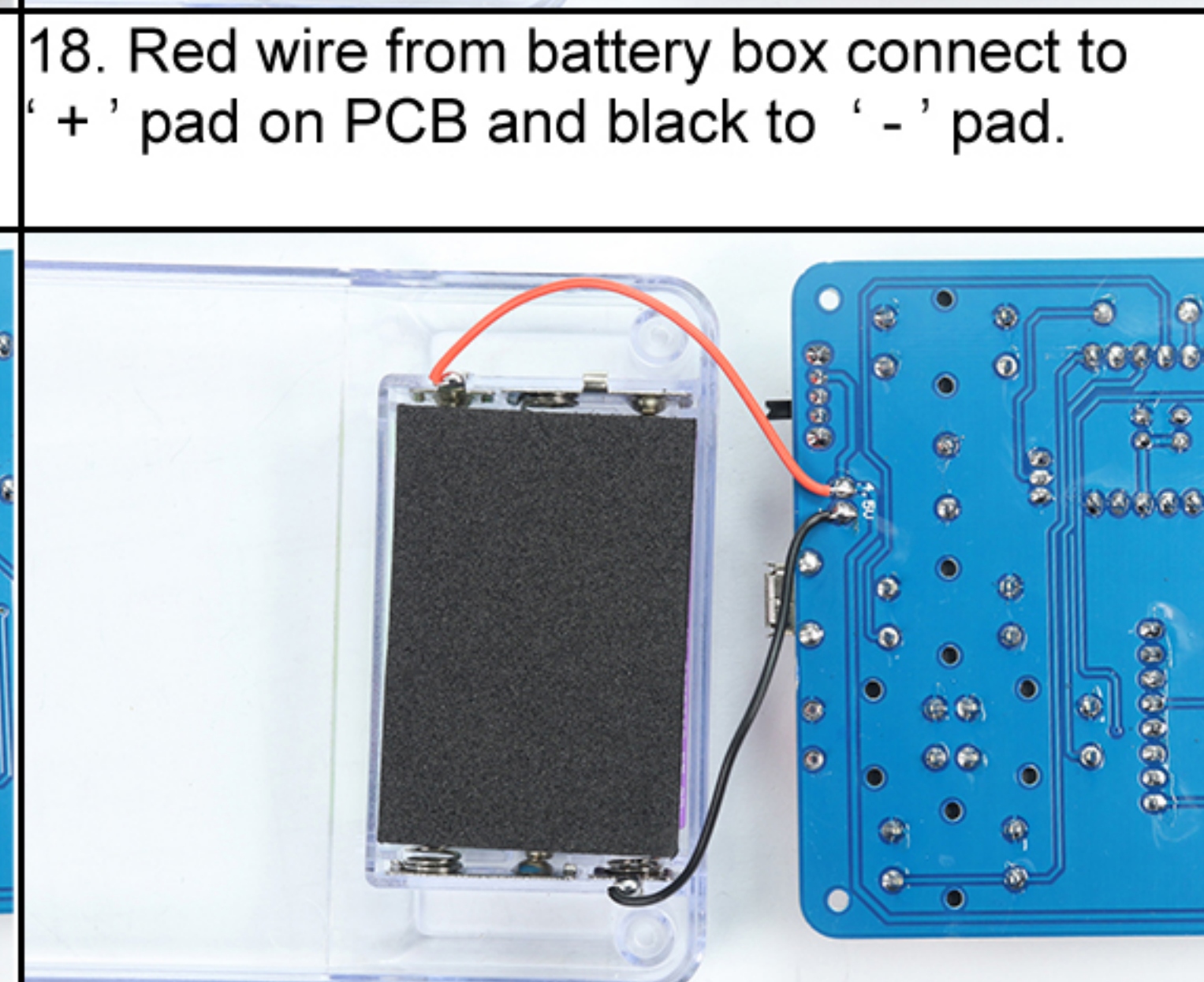
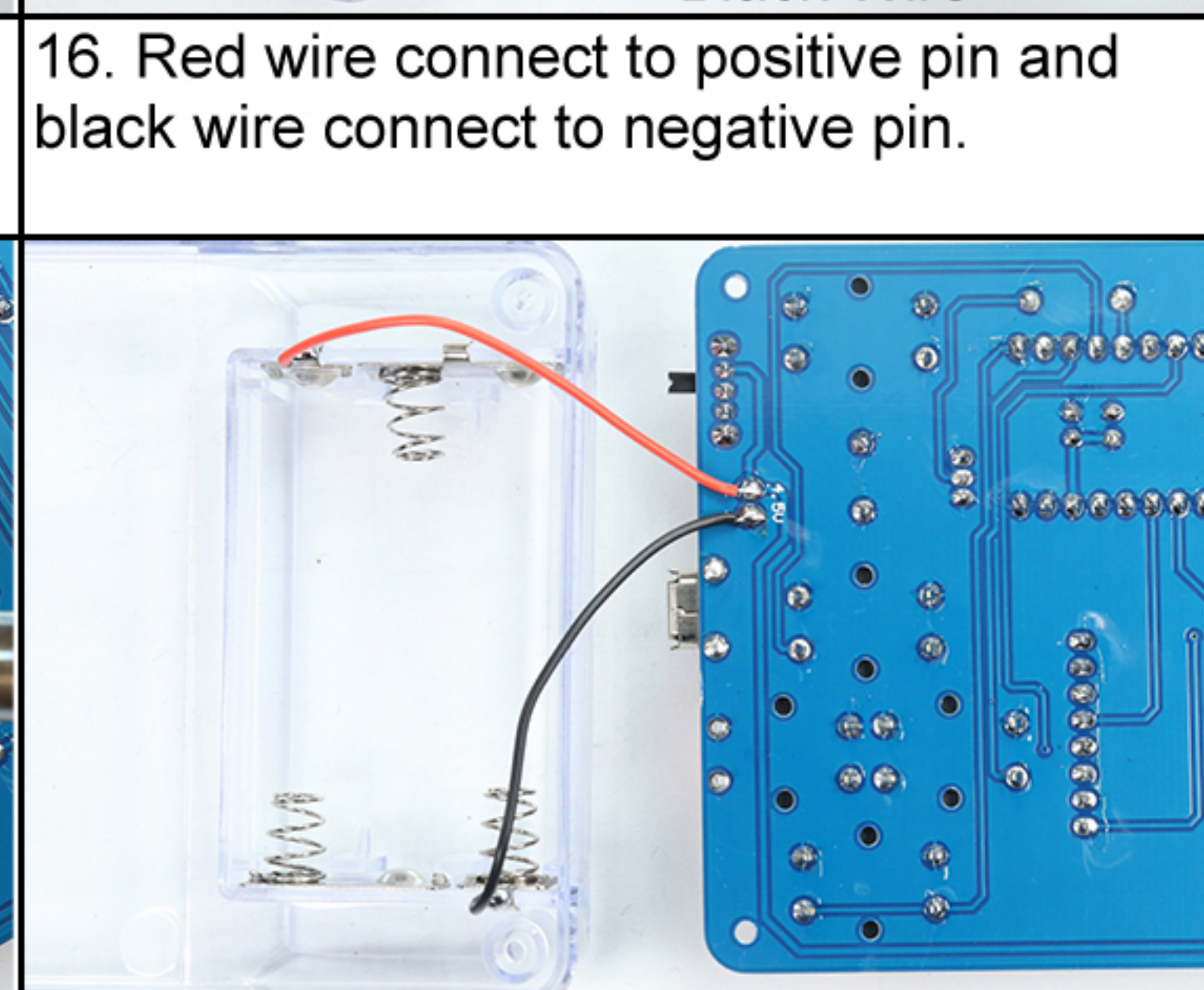
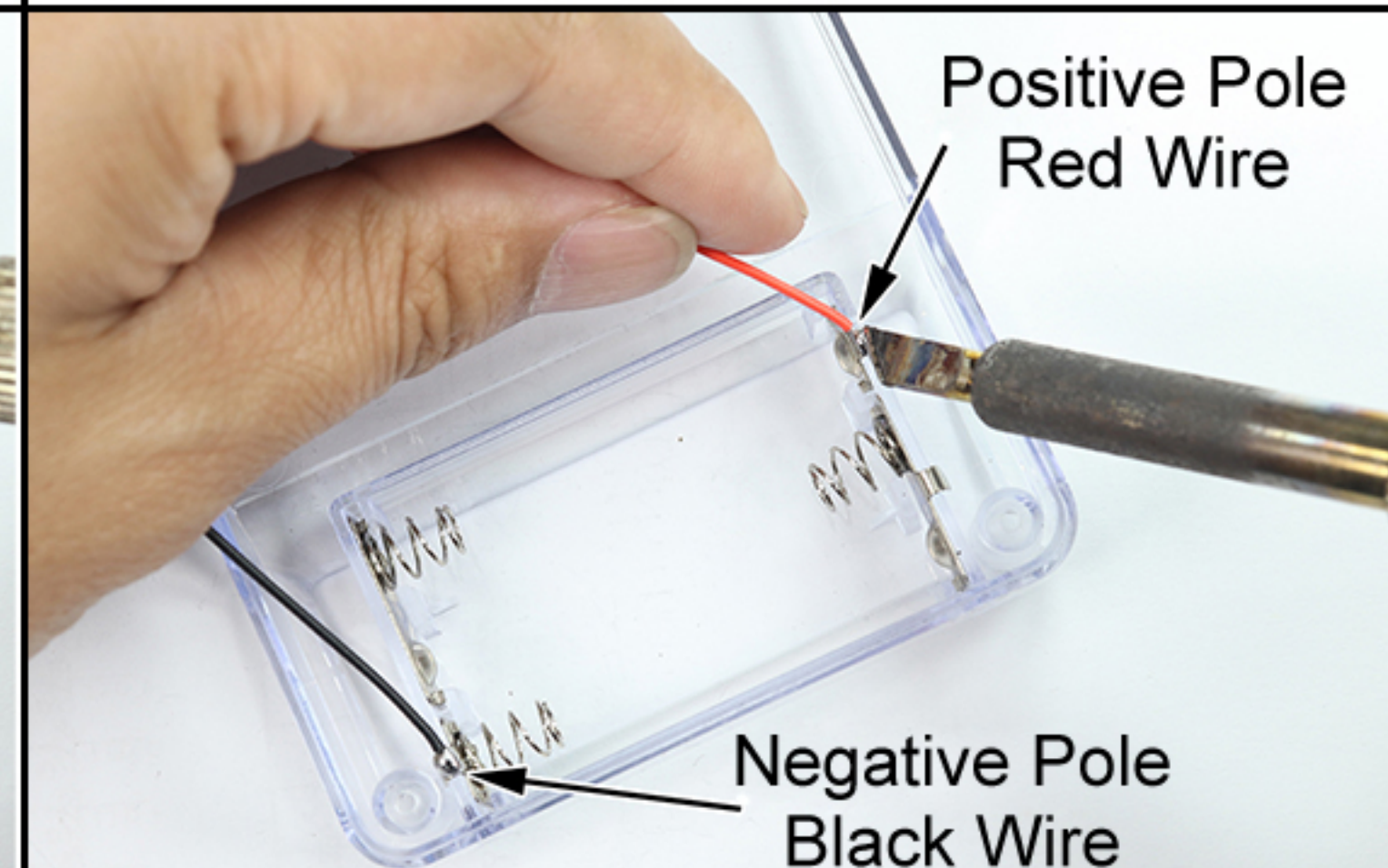
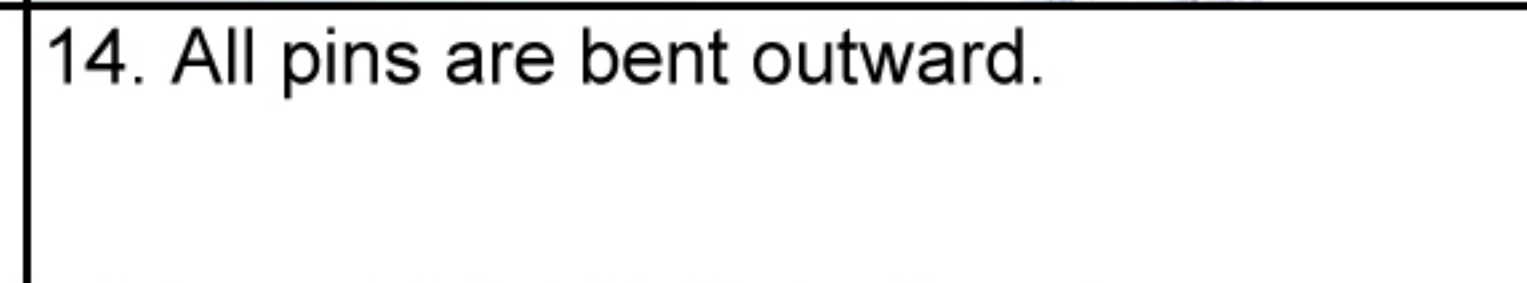
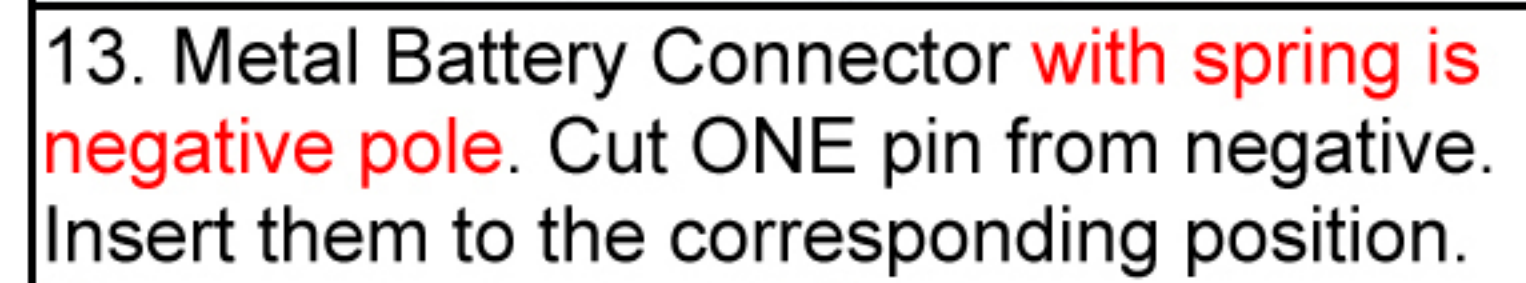
9. Buzzer at LS1. **Note: the '+' pin is positive pole and connect to the '+' pad.**

7. Black Button at S2-S6. Ensure that each pin is fully inserted into the soldering hole.

10. The STC15F2K60S2 chip pins are slightly bent inward.

11. Insert STC15F2K60S2 into IC Socket. **Note: Its notch markings are used to determine the installation direction.**

12. Place red button cap on black button.



1. Power from Micro USB or AAA battery which can change by toggle switch.
2. Select Game: Press LEFT or RIGHT button to change games, then press OK button enter into game and start to play game.
3. Exit Game: Press UP button to exit the current game.
4. Set Brightness: Press RIGHT button to Set Brightness display interface, then press DOWN button to decrease display brightness and press UP button to increase display brightness.
- 5.ON/OFF Sound: Press RIGHT button to ON/OFF Sound display interface, then press OK button to turn ON or OFF sound. N for ON and F for OFF.

