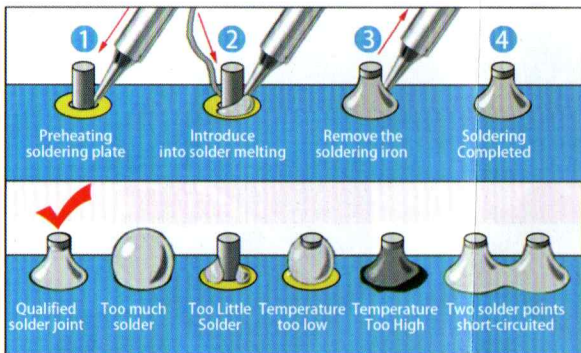
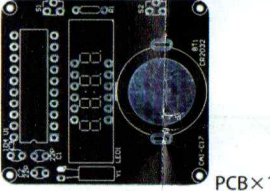
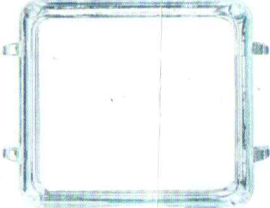
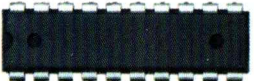


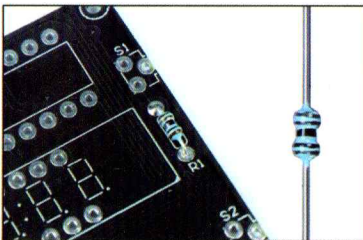
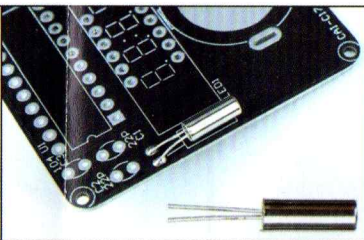
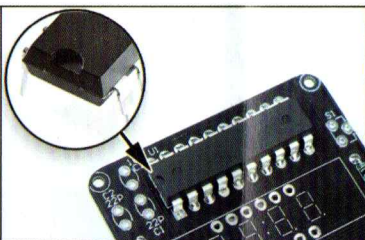
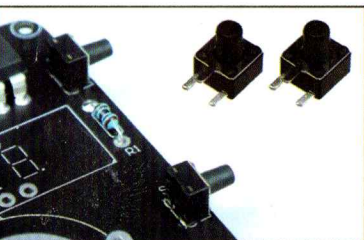
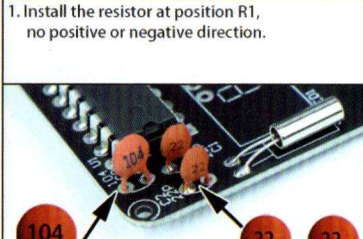
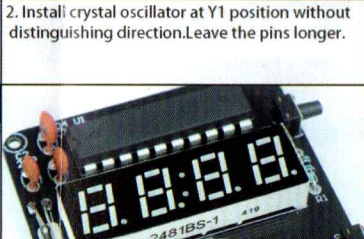
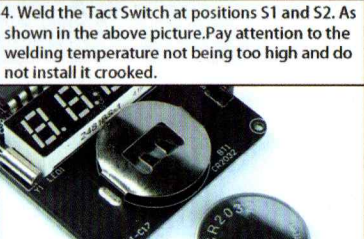
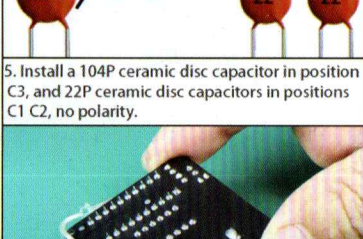
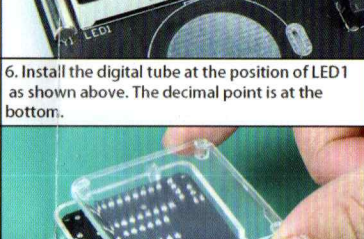
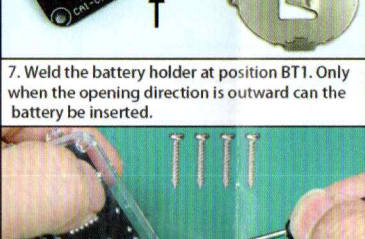
LED watch installation tutorial (C17)

Soldering Method:



Parts List:

 1K Resistor x 1	 2mm Cross screwdriver x 1
 104 Ceramic Capacitor x 1	 PCB x 1
 22 Ceramic Capacitor x 2	
 32768Hz Crystal oscillator x 1	
 4.5-4.5-6.5 momentary switch x 2	 Transparent plastic case (top cover) x 1
 1.4*8mm Self-Tapping Screw x 4	 CR2032 Battery Holder x 1
 Microcontroller x 1	
 0.28 inch LED digital tube x 1	
 Silicone watch strap (color subject to actual item) x 1	

 1. Install the resistor at position R1, no positive or negative direction.	 2. Install crystal oscillator at Y1 position without distinguishing direction. Leave the pins longer.	 3. Install the welding microcontroller at position U1. Pay attention to the direction of the markings. Install in the direction shown in the diagram.	 4. Weld the Tact Switch at positions S1 and S2. As shown in the above picture. Pay attention to the welding temperature not being too high and do not install it crooked.
 5. Install a 104P ceramic disc capacitor in position C3, and 22P ceramic disc capacitors in positions C1 C2, no polarity.	 6. Install the digital tube at the position of LED1 as shown above. The decimal point is at the bottom.	 7. Weld the battery holder at position BT1. Only when the opening direction is outward can the battery be inserted.	 8. Install the button battery as shown in the picture, with the + pole above. CR2032 button battery is an optional accessory.
 9. As shown in the above figure, install the circuit board into the upper casing. Tilt it a bit and install the switch direction first.	 10. Install the bottom shell.	 11. Secure with 4 screws. Don't use too much force, just tighten it in place.	 12. Install the watch strap, press the switch as shown in the picture, and then push the switch into the socket.



Operation method:

Press button S1 or S2 to turn on the screen, and it will automatically turn off after about 10 seconds;
Press and hold S1 without releasing to adjust for minutes;
Press and hold S2 without releasing to adjust the hour;

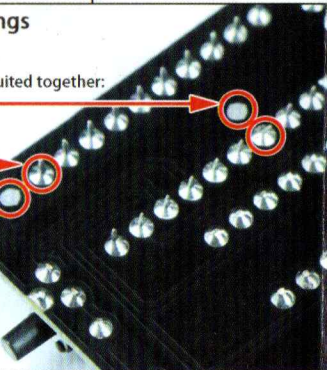
Other functional settings

These two points are short circuited together:
The digital tube keeps on.

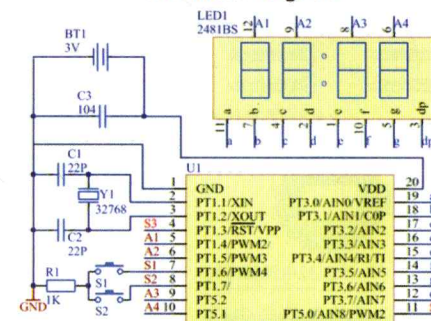
These two points are short circuited together:
24-hour system.



Scan QR code to view tutorial



Schematic diagram



Installation precautions

- When installing, install the short components first and then the high components.
- Install a portion of the components, solder a portion of the components, and promptly cut off the component pins.
- When welding, pay attention to the welding temperature not being too high and the welding time not being too long, otherwise it may damage the circuit board or components.
- After welding, check again whether the welding points are qualified and whether the components are installed incorrectly.
- If there is a malfunction, first check if the power supply is correct, and then inspect the component installation and solder joints.