

### **Working Principle Description**

- 1、After the whole machine is powered on, the voltage is stabilized at 3.3V and then supplied to a chip MCU (NY8B062D) 。
- 2、After startup, the main control IC synchronously detects and starts the functions of each function group。
- 3、After the function of each function group is started, the master MCU will send the matching code signal to the receiver through 2.4g shaping amplification module 。
- 4、After sending the code, the master MCU will scan the potentiometer and key values at the same time. After scanning, the assigned value and the number are decoded by the master MCU and sent to the 2.4g module 。
- 5、The status of power indicator LED and buzzer are all controlled by the output signal of master MCU when starting up。
- 6、The electric quantity detection circuit detects the battery voltage in real time from the start of the battery, when the battery voltage is lower than a certain value, The detection circuit will provide the value to the main control MCU, MCU will output signals to THE LED, so that the LED display alarm status 。