N3-015 Wireless Grip Circuit Description

1. Circuit of grip divided into mcu control circuit, power supply circuit, wireless transmitter; button control circuit, 3D SENSOR circuit, LED indicating circuit, motor drive circuit, mcu oscillation circuit and memory circuit.
2. Power circuit is composed of the charging circuit and regulator circuit. Power supply adopts 3.7 v lithium batteries for power. Charge the lithium battery through the USB interface to input dc5v voltage charging circuit. Through the charging control, 3.7 v lithium batteries through the regulator circuit voltage stability will be carried out in the 3V power supply on the mcu.
3. 3DVR joystick circuit and buttons adopt and potentiometer circuit with high resistance carbon bar control conduction between the resistance of 10K-0-European data input to the mcu data exchange.
4. 3D module will be transmitting data input signal to the mcu, for data exchange.
5. MCU instructions related to data exchange launched a wireless module to the receiver, the receiver will return to a wireless data module. A wireless module circuit input to mcu, mcu makes relevant directives include LED indication signals and motor vibration signals delivered to the LED directed circuit and a motor drive circuit for LED lighting and motor vibration work.
6. Mcu makes code data of wireless module to input to the EEPROM memory for storage.
7. Mcu oscillator adopts 12MHz oscillator circuits.