

## **Circuit Description**

### **1. Transmission circuit part (stick part)**

Cane circuit adopt 3 AG13 batteries in series to provide the working power, each battery voltage 1.5V; Each press the ON or OFF button can control the main circuit of the IC start or stop output signals; the control circuit have two outputs signals, one outputs signals to the LED light circuit and make it light or stop; another to the transmitter circuit, the high-frequency signal generated 27.145MHZ and sent back by the antenna;

### **2. The receiving circuit portion (the skirt part)**

The Dress circuit adopts 2 "AAA" in series to power supply the circuit, the circuit will boost the input voltage to 4.0V and provide a power to the other circuit;

This section has three working conditions: "Normal" / "Off"/ "Try me", controlled by three master circuit switch and control the circuit IC selection pin; "Try me" button can be used to control the main IC circuit, to start, or to stop the LED circuit emission signals;

When the switch to "Normal", RF receiver gating circuit, the antenna can receive external signals(received the amplification frequency) and after selection of the amplification frequency, It will collect the useful signals to the main control IC circuit , IC will determine the class of signal and to start or stop emission signals to the LED light string circuit;

When the switch turn to the "Try me", RF receiver gating circuit does not work, the system can not receive external radio signals, this time only "Try me" button control can control the main IC circuit;

When the switch turn to "OFF" button, the entire power of the circuit was cut off, the product does not work.