

Wireless Mouse Transmitter Circuit Description

- a. U2-3101 is the integration of wireless controlling IC and optical IC. The optical part of 3101 transform the imaging of the mouse moving to the electronic signal, and then send to the controlling IC; the signal transmit from the antenna after loaded by the external via RF at 27.045 MHz.
- b. When the optical part of IC—3101 is working, the MCU will output the controlling signal Q6 from the PIN 5 to control the brightness of D1.
- c. U1-EV856P11H is the key control IC with a clock signal of the frequency 6MHz as base clock signal, and to control the RF signal output, the RF signal of the frequency 27.045MHz is generated by the RF circuit with a oscillator of the 13.5225MHz.
- d. The work voltage is DC 3.0V by 2*AAA battery.