

## Wireless Mouse Transmitter Circuit Description

- a. IC-A7523 is the optical IC. The optical part of 7523 transforms the image of the mouse movement to the electronic signal, and then send to the controlling IC; the signal transmits from the antenna after modulated to a frequency of 2.4GHz. The clock signal 12 MHZ.
- b. IC-MA2627 is the integration of wireless controlling IC. Acquisition to signal it will send to 2.4 G module modulation, and then launch. The clock signal 6 MHZ and 32.768kHz.
- c. IC-RFM5010C is the 2.4 G module. MCU will send a signal to the manner in GFSK modulation, frequency modulation 2402.8 ~ 2478 MHZ. The base oscillator is 26MHz.
- d. Supply Voltage: 3V