

### **Wireless Mouse Circuit Description**

- a. TCM1213 is the wireless mouse transmitter IC. It is equipped with controller, FSK modulator and PA etc. With the PLL technology , only need one 6M crystal .It encodes the data from the optical sensor , the keys and the scroll, and sends these data via RF channel with 27.045MHz band.
- b. MCS-16083 is the optical sensor with the 1000DPI. It captures the motion information of the mouse and send it to controller.
- c. The operating voltage is 3V