

### **Wireless Mouse Transmitter Circuit Description**

- a. IC-ANDS5030: IC-ANDS5030 is the integration of wireless controlling IC and optical IC. The optical part of ANDS5030 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 27.045 MHz.
- b. The clock signal of IC-ANDS5030 is controlled by clock of oscillating controller.
- c. When the optical part of IC—ANDS5030 is working, the MCU will output the controlling signal Q6 from the PIN 2 to control the brightness of D1.
- d. The operating voltage of IC-ANDS5030 is 3.0V.