

Wireless Mouse Transmitter Circuit Description

- a. **IC-OM02:** IC- OM02 is the integration of wireless controlling IC and optical IC. The optical part of OM02 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 MHZ.
- b. The clock signal of IC- OM02 is controlled by clock of oscillating controller.
- c. When the optical part of IC—OM02 is working, the MCU will output the controlling signal Q6 from the PIN 6 to control the brightness of D1.
- d. The operating voltage of IC- OM02 is 3.8V.