

## Circuit Description of H6CF5001

a. **IC MA6221-Q17K:** IC MA6221-Q17K is the integration of wireless controlling IC and optical IC. The optical part of MA6221-Q17K 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. The clock signal of IC MA6221-Q17K is controlled by clock of oscillating controller.

c. When the optical part of IC MA6221-Q17K is working, the MCU will output the controlling signal U2 from the PIN 12 to control the brightness of LD1.