

Circuit 's Operation Description

Operation Frequency: 27.045MHz

Modulation Type: FSK

This circuit is mainly consisted of Laser IC (U2) , MCU IC (U1) .

IC U1 Pin24 provides the circuit with a stable 3Vvolts d.c . to keep the circuit working. when the mouse is moving on the desktop, photoelectric processor IC-U2 collect Laser signals reflected by the desktop, and transfer them into the MCU IC-U1, then processed and managed. By MCU, together, they are sent to the FSK circuit. In the MCU IC-U1, there is internal RF Generator, the electric signals out from MCU will be generated, and output the data from 5# feet of U1, and radiate the signal to outside.

MCU will provide and generate a code from the 28# feet of IC-U2 when you press the ID button, at the same time ,MCU will storage this code, and keeping the ID code unchanged until out of power.

The MCU IC-U1 have two functions of sleep and wake up. For saving up the capacity of power, the circuit will keep sleeping model when the mouse has stopped on the desktop for a fixture time; you can press any key or wheel switch to let it work again.