

Circuit Description

This RF mouse involves Transmitter and Receiver.

In Transmitter circuit, there is a EM78P257M IC. It is an encoder IC, has 3key, 1 wheels function. A2030 is optical sensor, It supply mouse moving signal. The RF block has frequency modulation and amplification function. The frequency modulation signal is amplified and transmitted by radio. There are two channels in the the system. One channel is 27.045Mhz ,the other channel is 27.195Mhz.

In Receiver circuit, MC3361 deal with RF single, it demodulate data signal. Then date signal were send CY7C63723, which is decoding IC, supporting PS/2 and USB port.