

Circuit Description

This RF mouse involves Transmitter and Receiver.

In Transmitter circuit, there is a MA6223 IC. It is an encoder IC, has 3key, 1 wheels function. A2030 is optical sensor, It supply mouse moving signal. MA6223 has frequency modulation and amplification function. The frequency modulation signal is amplified and transmitted by radio. The

Frequency is 27.045Mhz.

In Receiver circuit, MC3361 deal with RF single, it demodulate data signal. Then data signal were send MA6162, which is decoding IC, supporting PS/2 and USB port.