

SN-222 circuit description

Sensor ADNS-2030 translate the mouse movement into X and Y coordinates and pass to MCU MA6221. Sensor ADNS-2030 Work Clock Frequency is 18.43MHZ, light source is use LED(light-emitting diode).

MA6221 encode the mouse button data and mouse movement X and Y coordinates data and pass to inside RF UNIT. The inside RF UNIT transmit data to Recevier. MA6221 use Work Clock Frequency 76.8KHZ crystal, RF UNIT use a 27.042MHZ crystal. MA6221 IC has DC/DC UNIT inside.