

RAPOO

Sample NO.: **3500P**

Operation Description:

1. The 1.5V power part:

The power is made up of one 1.5V battery.

2. The voltage conversion part:

The U1(CE6219P28M) is a DC-DC IC, and its function is to supply 2.2V voltage for MCU by transforming 1.5V to 2.2v.

3. The MCU Control part:

The U3(R58A-M) have integrated with a central controller which provides all kinds of signals for the circuit and a RF 5.8G SOC that can transfer and receive datas from the Mouse device, then sends these datas via RF At 5.8 GHz.

4. The optical sensor part:

U2(ANDS-3000) is a optical mouse sensor which measures changes in position, and mathematically determining the direction and magnitude of movement.

5. the receiver part:

This part mainly have RX IC that receives wireless signal from MCU(R58A-M) and simultaneously communicate with computer via USB interface.