

## **Operational Description for PRESENTER, FCC ID: P5A002**

### **Mouse:**

1. Everytime when touch S1 button, Mouse IC (U1) will identified and apply the SI-DATA signal. That will cause RF-IC recycle and produce 8 different frequency and ID signal.
2. Pass Detact IC to identified the mouse is on the desktop and non-desktop mode. Will produce corresponding pulse signal to provide the identification of the Mouse IC.
3. Pass optical IC ADNS-2030(U2) to identified the movement on the desktop. Will produce corresponding pulse signal to provide the identification of the Mouse IC.
4. Touch S2, S3, S4, S5, S6's button, will produce corresponding pulse signal to provide the identification of the Mouse IC.
5. The IR, PTR will produce corresponding pulse signal to provide the identification of the Mouse IC when you turn the track ball.
6. Mouse IC will process the signals it been collect, that will produce the corresponding RF data.
7. RF IC will doing internal process PLL and create 2.4GHZ carrier wave frequency. RF DATA will through the internal IC to adjust and amplify the frequency and projectile through the antenna.
8. The Mouse IC will monitor to the voltage. When the voltages lower then 2.2V, the U1 PIN3 will produce corresponding pulse signal and made LED flash slowly.
9. Laser light is on when you press enter button.

### **Receiver:**

1. The receiver will received the signal through the antenna,