

## **Operational Description—Circuit Description**

### **Receiver:**

MA6162 is a wireless mouse receiver controller. It is suitable to operate at 27Mhz band of a radio frequency. It should work with MA622X(optical type TX) to be a complete RF mouse solution. MA6162 can be configured as USB or PS/2 mode. It's auto-detected.

### **TRANSMITTER:**

The MA6221 is an encoder IC that can encode the data from the mouse optical sensor and sends these data via RF at 27MHZ. The MA6221 is equipped with a complete set of FSK modulator that also provides single/dual RF channel solution. This will reduce the extra external component for RF interface.