

## **Operation Description**

**The mouse is powered by a dual-battery source. As time goes by, two batteries voltage level can't avoid becoming lower below 3V, at this time DC-DC regulator will automatically raise the mouse operation voltage up to 3V.**

**In this mouse design, we adopt 27.045M RF central transmission frequency way to deliver signals. In the operating mode, Optical sensor used will ceaselessly scan relevant interface port to estimate its luminance changes which can be coded digital signals and send MCU such digital signal information, then MCU can code them and deliver them the antenna network. In one word, when we press any key, MCU can detect mice' motion orientation and size by its voltage level changes.**

**As regards mouse circuit design, Crystal oscillator supplies the very clock frequency individual IC needs. Channels and addresses can be gained from EEPROM.**