```
┌──────────────┐      ┌──────────────────────┐   ┌─┐     ┌──────────┐
│ CRYSTAL      │ ───► │      RF Module       │   │ │     │   ANT    │
│ 16MHz        │      │                      │───┘ └─────│          │
└──────────────┘      └──────────────────────┘          └──────────┘
                          ▲        │
                          │        ▼
┌──────────────┐      ┌──────────────────────┐   ┌──────────┐
│  Gyroscope   │ ───► │        M             │──►│   LED    │
│  Sensors     │ ◄─── │        C             │   └──────────┘
└──────────────┘      │        U             │
┌──────────────┐      │                      │   ┌──────────┐
│  Power       │ ───► │   HTX51_LQFP4        │◄──│ keyboard │
│  management  │ ───► │   4                  │   └──────────┘
└──────────────┘      └──────────────────────┘
```

Work Specification

1.The Power supply changes into the **G**yroscope Sensors and RF Module through the Power

management,with the power on,MCU starts to the device initialize when the power of **G**yroscope
Sensors and RF Module is stable,then the work pattern.

2.In the work pattern,MCU will scan the keyboard and check, if there are some changes of the
keys ,MCU will report to RF,then RF will send the data with the lighting LED. MCU will obtains
the data of Gyroscope Sensor and turn into the data of the mouse,then MCU will send it to RF,the
MCU will be in Low power model if MCU cann't read the changes data of keys or mouse.

3.In the Low power model,MCU will cut out the power of the Gyroscope Sensors and RF
Module through the Power management,at the same time ,the MCU will be in sleeping
mode and will keep the lowest current drain;if you enter any key,MCU will be
woken,then working。

4.In Low voltage mode,when there are signals of the low voltage,the LED will lighting 10 times
per 5s and the frequency is 90ms/time;you need change the battery ,if the voltage is lowest。