Circuit Description

1. IC: U3 is master controller of the keyboard, the oscillator is generated the 12MHz clock signal to it, the operator operating the keyboard via the key-press, and the control signal input to the MCU.
2. IC: HTT2101QFN32 is the optical mouse controller.
3. IC: MAR114AV12 control the RF out, need a external 32.768kHz crystal as reference frequency, the radio frequency out is from 2402 to 2480MHz.
4. The working voltage is 3.7V by the battery, and the keyboard with three LED indicators.
5. USB Port is charging for the battery.