

Circuit Description

1. IC: MCF0004 is master controller of the keyboard, the oscillator is generated the 4MHz clock signal to it, the operator operating the keyboard via the key-press, and the control signal input to the MCU.
2. IC: PAN_3101 is a low cost CMOS process optical mouse sensor with DSP integration chip that serves as a no mechanical motion estimation engine. The oscillator is generated the 12MHz clock signal to it.
3. IC: MCC6504 is the optical mouse controller, the oscillator is generated the 6MHz clock to it.
4. IC: MAR105P control the RF out, the radio frequency out is from 2410 to 2470MHz.
5. The working voltage is 3V by the battery, and the keyboard with three LED indicators.