

The brief introduction of the circuit of the Bluetooth optical mouse

1. U1 BCM2042 module contains a single chip radio and baseband IC BCM2042 for Bluetooth 2.4GHz systems of Broadcom Company.
2. The RF local oscillator and digital clocks are derived from the 24MHz Crystal on the BCM2042 Module Board.
3. Launching antenna is micro strip antenna layouted on the BCM2042 Module PCB, it's good for receive and launch 2402~2480MHz RF signal.
4. Power of the whole system is provide by an AA Battery.
5. U3 DC~DC transfer the battery voltage 1.5V Up to 2.7V.