

## The brief introduction of the circuit of the Bluetooth headset

1. BlueCore3-Multimedia is a single chip radio and baseband IC for Bluetooth 2.4GHz Systems. U1 (UTH6809ATD01) provides a fully compliant Bluetooth system to v2.0 of the specification for data and voice communications.
2. The BlueCore3-Multimedia RF local oscillator and internal digital clocks are derived from the reference clock at the BlueCore3-Multimedia 12MHz Crystal XTAL\_IN input. This reference is from a crystal connected between XTAL\_IN and XTAL\_OUT.
3. Launching antenna is chip antenna, it's good for receive and launch 2402-2480MHz RF signal
4. Power of the whole body is provided by 3.7V polymer-Lithium battery.