

## Circuit Description

This MicroBT circuit is a miniature CLA that has Blue Tooth handsfree ability ,it can answer and hangup calls, and use an aux cable to bring audio to the aux input of a car audio system.

Receive audio signal from jack P3 output, input power is 5V~15V, U5 is 3V3 regulator IC for all circuit provide voltage, BASE part U1 is audio buffer and amplifier, Per audio jack P3 output, CIG part U1 is Bluetooth main IC,

This bluetooth chip U1 is the 2.4 G RF chip with a 24MHz clock signal. it will send a signal to the other bluetooth device in GFSK modulation, and the transmitting frequency is 2402 ~ 2480 MHz.