

Circuit Description

The equipment under test (EUT) is a 2.4GHz transceiver operating at 2402 - 2480 MHz. It is powered by 3.7VDC (1 Li-battery).

It connects to the Wii console by Bluetooth protocol. This product is based on BK3254 as the core control unit. The BK3254 is compliant with the Bluetooth 4.0 + EDR specification, but BLE mode has been shielded by software.

It integrates the microphone interface, SPI FLASH, LED, USB charger circle, etc.

A power amplifier is connected to the Bluetooth module to amplify all the audio signal, and the crystal is 26MHz.