

## Circuit Description

The equipment under test (EUT) is a 2.4GHz transceiver with 79 channels 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 AB1512 as the core control unit. The AB1512 is compliant with the Bluetooth 4.1 + EDR specification. But for the device, it only supports Bluetooth BDR/EDR. The AB1512 is compliant with the Bluetooth 4.1 + EDR specification. 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 16MHz.