Circuit Description

The EUT operates in the 2.4GHz ISM Band range, exactly between the 2.402GHz and the 2.480GHz.

BlueCore IC is the center of the whole block, integrated the RF circuit and baseband-controlling circuit, and supplied ample interfaces. In the block, a embedded 12MHz crystal supplies timer clock for IC, and a embedded voltage regulator supplies 1.5V and 1.9V positive voltage for Balum etc. when receiver the signal to the IC SiRF3i,the crystal is 16.367667MHz,the EUT will translate the signal to the video signal and display on the LCD monitor and audio to the speaker