

Circuit Description

1. The TWL5034 chip is master micro controller, the oscillator component X1 generated a frequency of 26MHz as base clock frequency, the TWL5034 is a center processing unit which the master frequency of running speed is 333MHz, the U1101 IC is a memory chip with 4GB DDR and 4GB nand flash, and with a external TF card, one data port with USB interface connect to PC.
2. The WL1271 chip is wireless micro unit combines 802.11b/g/n WIFI and Bluetooth wireless technology, the 26MHz clock frequency input to WL1271-YFV as base clock frequency, and use the high-frequency from 2412MHz to 2462MHz as carrier frequency for 802.11b/g/n(HT20), the CCK, BPSK, QPSK modulation type be used, and from 2402MHz to 2480MHz as carrier frequency for Bluetooth, the GFSK modulation type be used.
3. The work voltage is DC 3.7V, supply by battery, with a DC 9V power adaptor.