

Circuit Description

1. The MCU-WM8505 chip is master micro controller, the oscillator component X1 generated a frequency of 27MHz as base clock frequency, the WM8505 is a center processing unit which the master frequency of running speed is 667MHz, with 128MHz SDRAM and 1GB nand flash, and SD/MMC card, three port for USB device.
2. The IC-RT3070-QFN is a wireless communication IC base on 802.11b/g WIFI wireless technology, the 40MHz clock frequency input to RT3070 as base clock frequency, and use the high-frequency from 2412MHz to 2462MHz as carrier frequency, the transmission rate up to 54MHz.
3. The Microphone, keyboard and RJ45 net port all external signal and data input to MCU as operating, and display on LCD screen or output to speaker.
4. The work voltage is DC 9V, supply by power adapter, and with a 8.4V battery.