

Operational Description

1. The RK2818 chip is master micro controller, the oscillator component X1 generated a frequency of 24MHz as base clock frequency, then RK2818 is a center processing unit which the master frequency of running speed is 533MHz, with 256MHz DRAM and 4GB flash, and TF card, one mini USB port for connect to PC.
2. The WiFi module base on 802.11b/g/n WIFI wireless technology, the 40MHz clock frequency input to chip as base clock frequency, and use the high-frequency from 2412MHz to 2462MHz as carrier frequency for 802.11b/g/n(HT20), the high-frequency from 2422MHz to 2452MHz as carrier frequency for 802.11n(HT40), the CCK, BPSK, QPSK modulation type be used.
3. The work voltage is DC 3.7V, supply by battery, with a DC 5V power adaptor.

Circuit Description

Press starting up key for long(10-20seconds), to U14 till start. Firstly U14 Pin6 start, delayed 20MS U14 Pin17, 20start. During starting U14 Pin8 keep Low Electrify lever. After U14 start finish, U14 Pin8 keep 100MS around Low Electronic lever, finish that electrify on U1 CPU clear Zero, same time U14 Pin8 keep High electrify situation, after U1 clear Zero, immediately pull up U14 Pin5, lock U14 in work situation, U1 start finish to work situation.

U1 sound signal via U24 dispose, U23 signal zoom in to SP2, P1, P14 out-put; sound signal via U30 light backlight, via LCD1 connect TFT screen display video information, via U4 connect Touch Pad achieve touch function; U1 via C37 connect WIFI module—RTL8188 achieve wireless internet function.