

Operation description

When machine not connect to power, machine is in G3 status, there is VCCRTC. When plug adapter, there is +3.3VALW and +5VALW, When push power button, It sent PWR_BTN#_SB to southbridge, then southbridge generats 5VDUAL/3.3VDUAL/2.5VDUAL/1.2VDUAL and RSMRST#, then the power of +3.3V,+5V,+1.8V,+1.2V and NB_CORE will exist imediately. by the way, the CPU_VLDT/CPU_VDD_RUN turn out. Then the Northbridge PowerGOOD and Southbridge Power_GOOD generats. And the clock generator begin to generate all the clocks for the I/O devices and CPU. When CPU receive the CPU_CLKIN and CPU+PWROK, the CPU will reset and sent out CPU_RESET signal. Then it begin to initial the all devices and post on the screen. The computer starts to work.

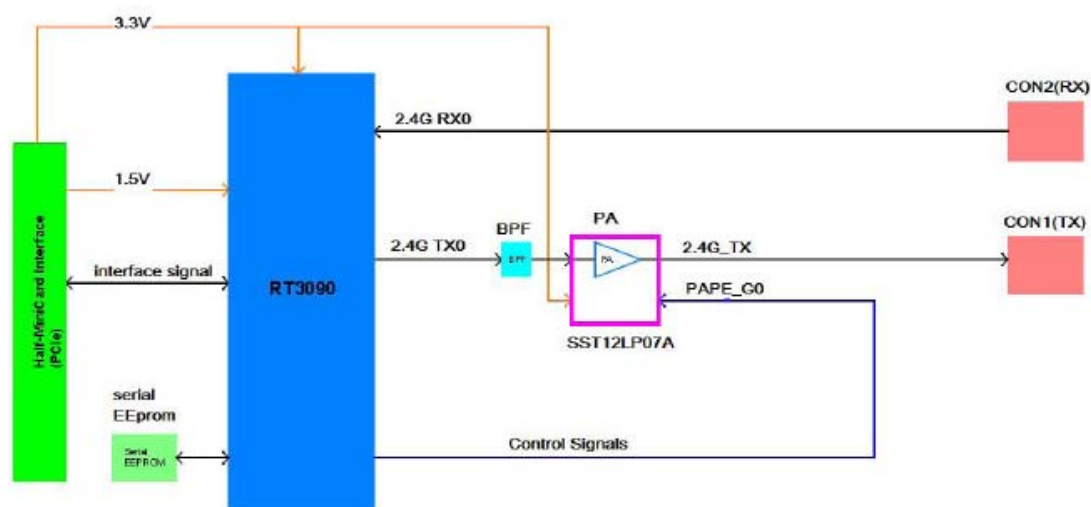
WIFI Module:

Frequence range: 2.4GHZ ISM Bands

Module: 802.11g:OFDM

802.11b: CCK,DQPSK,DBPSK

802.11n:OFDM



The Module have two antenna connectors. The connector 1 have TX function, connector 2 have only RX Function.

Battery:

3cell, 11.1V, 4800 MAH

POWER SUPPLY

Push power button, Adapter starts to provide 19V, 19v convert to +VDC through power circuit .
+VDC convert to 3.3V ALW and 5V ALW through PPU1, +VDC convert to V1.8 and V0.9
through PU9, +VDC convert to VCore through PU17

CLOCK :

FSB: 200MHZ

RS780MHZ: 200MHZ,96MHZ,100MHZ

DDR2: 200MHZ

LAN:100MHZ,25MHZ

SB710: 100MHZ,14.318MHZ,48MHZ,33MHZ,32.768KHZ

MINI PCIE: 100MHZ

AUDIO CODEC: 24MHZ

EC: 32.768KHZ