

Circuit Description

1. Baseband signal processing : The main chip MSM8260,It is the control center of the PAD, control the completion of various functions of the Tablet PC, and a crystal of 19.2MHz to provide clock frequency as base clock signal.
2. Power management : The main chip PM8058 and PM8901, PM8901 and PM8058 provides the PAD power supply, battery charging and discharging management.
3. WIFI circuit : The main WIFI circuit chip is WCN1314, Tx frequency is from 2412MHz to 2462MHz.
4. The storage device : the main chip 1GB LPDDR and 8GB iNAND memery , providing the entire PAD procedures, such as mail list storage.
5. The data communication port: provides a headset, USB interface function, the main chip is APQ8060, where APQ8060 is provided with an external computer serial communication function.
6. Screen display part : the main circuit is APQ8060, external LVDS drive IC connect to LCD; APQ8060 control the touch panel.
7. The Camera part : the main chip for the APQ8060 camera, the camera signal back end processing, PM8058 support camera circuit power supply.
8. Bluetooth : the main Bluetooth chip WCN2243, Tx frequency is from 2402MHz to 2480MHz.
9. Bluetooth and WIFI share the antenna.
10. Audio chip is QTR8615, it is audio codec.