

## 一、 Basic Functions

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## 二、 Product features

Display: 9" TFT LCD (800X480),

Input: Touch Screen and Soft Keyboard

Audio codec: integrated in CPU (SOC)

Communication: USB Wifi Module (802.11b/g/n)

System: Android™ 5.1

## 三、 Circuit Description

### 1) power supply

DC-5V Power supply or battery supply, Power input is converted by the PMU,then through other DC-DC/LDO. After Power supply IC proceed voltage converted ,the power supply to the machine; At the same time DC 5V power supply can provide battery charging

### 2) Minimal System

U28 (SOC) is CPU, Control the work of the various parts of machine

U30,U31 is DDR, mainly responsible for the data cache

U32 is NAND FLASH, Primarily responsible for program files and data storage

### 3) Audio

Audio codec is integrated in CPU, Audio signal be decoded and Zoom handling, then through SPEAKER or EARPHONE output; Supports MIC recording

### 4) USB

It is provide a OTG/HOST USB port, MID can communication to the computer though USB port, and USB device can communication to the MID also.

### 5) DISPLAY

J1 is the LCD connector, LCD is connected to the connector.

### 6) TF CARD

CP1 is SD Card connector

### 7) Wifi Antenna:

JCON1,JCON2 is Wifi RF antenna pad

### 8) Input Voltage:

5V powered by DC adaptor or 3.7V powered by Lion Battery