

Operational Description

This device is a internet Tabiet.

Main Features:

TCC8902:

The TCC8902 is the system LSI for digital multimedia applications which is based on ARM1176JZF-S, ARM's proprietary RISC CPU core. It can decode and encode various types of video and audio standards by software and dedicated hardware accelerators – JPEG / MPEG1 / MPEG2 / MPEG4-SP/ASP / H.264 / VC-1 / RV and other types of video standard and MP3 / AAC / MPEG4-AAC / MPEG4-BSAC and other types of standard for audio

The on-chip high speed USB2.0 OTG controller enables the data transmission between two devices such as NAND flash, HDD, CD, SD, MMC and Memory Stick etc, which can be controlled by the TCC8902.

POWER :

AXP192 is enhanced single Cell Li-Battery and Power System Management IC

AXP192 provides TWSI(Two Wire Serial Interface) to communicate with the application processor. Through the interface, processor can enable or disable the outputs, and set the output voltage, as well as get the power status and “fuel gauge” data, High-precision ADC makes it convenient for consumer real-time control and know the system power dissipation, which brings them wonderful experience of device electricity usage that never had before.

CODEC :

WM8988 is a low power, high quality stereo CODEC designed for portable digital audio applications. The device integrates complete interfaces to 2 stereo headphone or line out ports.

7' touch panel:

Resistive touch screen. to achieve human-computer interactive operation

7' TFT-LCD:

7'TFT LCD,Resolution:800*480.Display color:16.7M.

Camera:

0.3M COMS Camera

DDR2 SDRAM:

256M DDR2.

USB2.0

VOL KEY ,HOME KEY:

VOL KEY:adjust volume, HOME KEY

Touch key:

Four touch key. Key function:Search,EXIT,Browser,Menu.

G-sensor:

BMA020 is Digital,tri axial acceleration sensor.

WIFI:

SWL-A30H is the module for IEEE 802.11b/g/n wireless LAN (WLAN) aimed at embedded and mobile devices.

The other instruction, please have a look at the users manual.