Product Diagram Information

1．Product function introduce

PA0709 is an Android MID device with capacitive touch screen. It have functions of visiting internet with WiFi, playing audio and video in NAND flash or TF card, audio/video recorder, alarm clock, calendar, real-time clock, camera and so on..

2．Structure

2.1 Structure Introduce

The system is consist of PA0709 Dual core，one piece of NAND Flash, 2 pieces of DDR3 RAM, 7" TFT panel, WiFi/BT combo module (RL-UM02WB S-8723VAU) TF socket, 30W front camera (GC0308) ,200W real camera(GC2035) PMU(AXP221S), and some other power conversions IC.

2.2 Description

When you stir the switch of power about 3 seconds, the system is powered on. When you choose any icon in the GUI of Android 4.2 using your finger or others, PA0709 first judge what happened and then give it to the ARM or DSP in the core of PA0709 proceeding. The (RL-UM02 WB S-8723VAU) fully supports the features and functional compliance of IEEE802.11b/g/n20/n40 standards. It supports up to 150Mbps high-speed wireless network connections. It is designed to provide excellent performance with low power consumption and enhance the advantages of robust system and cost-effective. It is targeted at competitive superior performance, better power management applications.
It also supports the function of Bluetooth v2.1+EDR/Bluetooth 3.0/3.0+HS/4.0.

2.3 Power

It can use adaptor of 5V*2.5A when the system display the battery remain a little of power or exhaust.