Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!

Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832
Email & Skype: info@chipsmall.com Web: www.chipsmall.com
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China

A64-OLINUXINO-1G4GW

There are three models:

- A64-OLinuXino-1G0G with 1GB RAM but NO flash and NO WiFi/BLE connectivity
- A64-OLinuXino-1G4GW with 1GB RAM and 4GB extra flash and extra WiFi/BLE module
- A64-OLinuXino-2G16G-IND with 2GB RAM and 16GB extra flash but NO WiFi/BLE connectivity; with components that work in the industrial -40+85C temperature range

FEATURES

- Allwinner A64 - 1.2 GHz Quad-Core ARM Cortex-A53 64-bit
- Memory: 1GB or 2GB RAM DDR3L @ 672Mhz
- 0/4/16GB eMMC flash memory for storage and boot
- MicroSD card connector for cards up to 32GB
- Debug: serial UART debug header with 0.1" pins
- Wired connectivity: 10/100/1000Mbps GbE Ethernet
- Wireless connectivity: popular on-board WIFI and bluetooth 4.0 BLE module with built-in antenna (only available in the A64-OLinuXino-1G4GW version)
- Monitor output: HDMI output
- Display output: LCD output on 40-pin ribbon cable connector and MIPI DSI with 20-pin ribbon connector
- Audio: headphone output and microphone input with phone jacks (can be changed to Line-in and Line-out via jumpers)
- External power: power jack for 5V exeternal power supply
- Battery power: 3.7 Li-Po battery with charger and connector
- USB connectivity: USB-OTG support on microUSB connector; USB host on USB type A connector; USB HSIC signals available on 4-pin header drills @ 0.1" step
- LEDs: power indication LED, battery charging status LED, user-programmable LED
- GPIO expansion: provided 40-pin header drills @ 0.1" step with useful signals (like CSI camera interface and GPIOs)
- UEXT expansion: provided 10-pin header drills @ 0.1" step for UEXT expansion
- optional SPI Flash on SO8 connector
- RTC battery expansion: pad provided for powering the RTC of AXP803
- Buttons: UBOOT button; RESET button; POWER button
- Four mounting holes
- PCB dimensions: (90.0 x 62.5)mm ~ (3.5 x 2.5)"