Cherry Pi Allwinner V3S LINUX+QT ARM Open Source Maker

Development Board PK Raspberry Pi

SKU.: LC-CherryPi-PC-V3S

Specification

深圳市艾尔赛科技有限公司
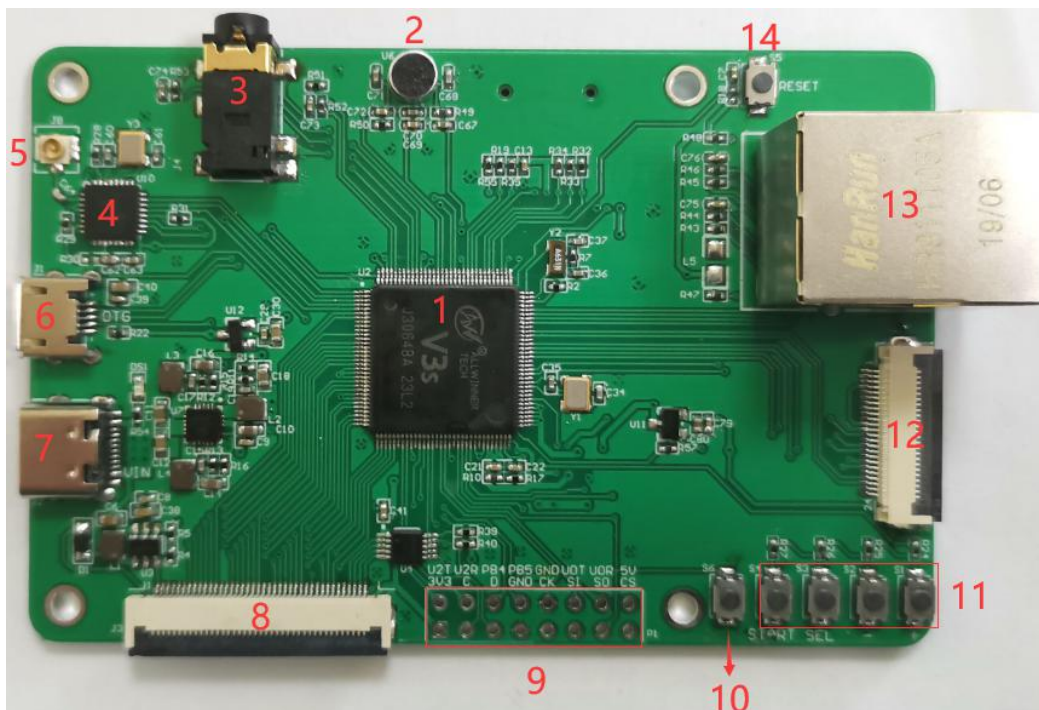
2020-07

1, Overview

LCTECH CherryPi-PC-V3S is equipped with Allwinner's V3s chip. Allwinner V3S is a car-grade SoC with built-in ARM Cortex A7 CPU and integrated 64MB DDR2 RAM. Allwinner V3S Soc has high performance, complete functions and cost-effective High, can realize the development board of various DIY products, it is convenient to integrate opencv, realize face recognition, the board is equipped with multiple interfaces.
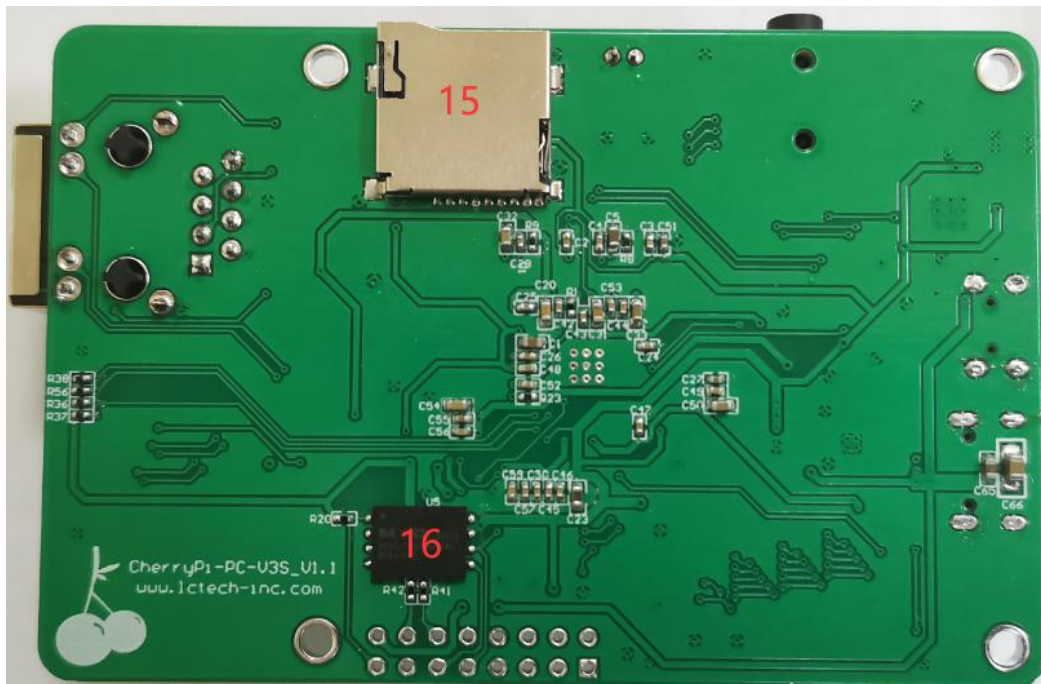
2, Features

1, **CPU:** ARM Cortex-A7, Max frequency up to 1.2G
2, **DRR2:** Soc integrated 512Mbit DDR2
3, **ROM:** On-board 128Mbit SPI Nor Flash
4, **LCD:** On-board 480x272 LCD ,General 40pin interface
5, **WIFI:** On-board ESP8089 WiFi chip
6, **Network:** 100M Ethernet (contain EPHY)
7, **USB:** OTG Micro USB interface
8, **Camera:** MIPI CSI 24pininterface
9, **Others:** On-board Earphone,Mic-phone, TF socket.

3, Hardware introduction and description

Size: 85*56mm   Weight: 28g

1, Allwinner V3S CPU

2, Microphone

3, 3.5mm Earphone socket

4, ESP8089 WiFi chip

5, IPEX WiFi antenna interface

6, Micro USB OTG interface

7, Type-C USB power supply

8, 40pin LCD interface

9, I/O ports

10, Flash download key

11, Function key: The function depend on the firmware you wrote

12, MIPI CSI 24pin interface

13, 100M Ethernet port

14, Reset key

15, TF/Micro SD card socket

16, MX35LF1GE4AB-Z4I flash IC

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