

TB-96AIoT_RK1808 SOM

Carrierboard Configuration Guide

V1.0

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V1.0	2019-06-24	Official release

Company Profile

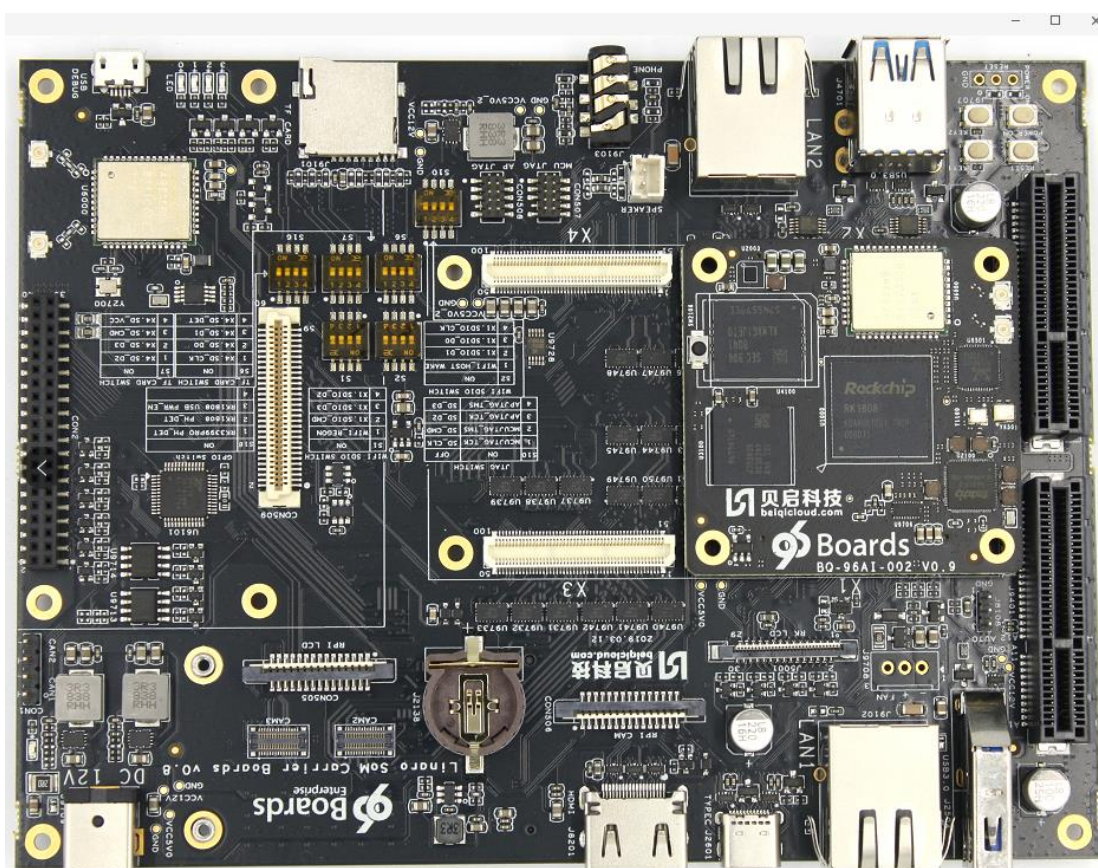
Xiamen Beiqi Technology Co., Ltd. is a national high-tech enterprise and a strategic partner of Rockchip 2018. It is also a Linaro 96Boards Compute SOM Leader Partner. The company specializes in the research and development of open source hardware and artificial intelligence products, and is committed to providing easy-to-use open source hardware and professional technical services for individuals and organizations.

Contact us

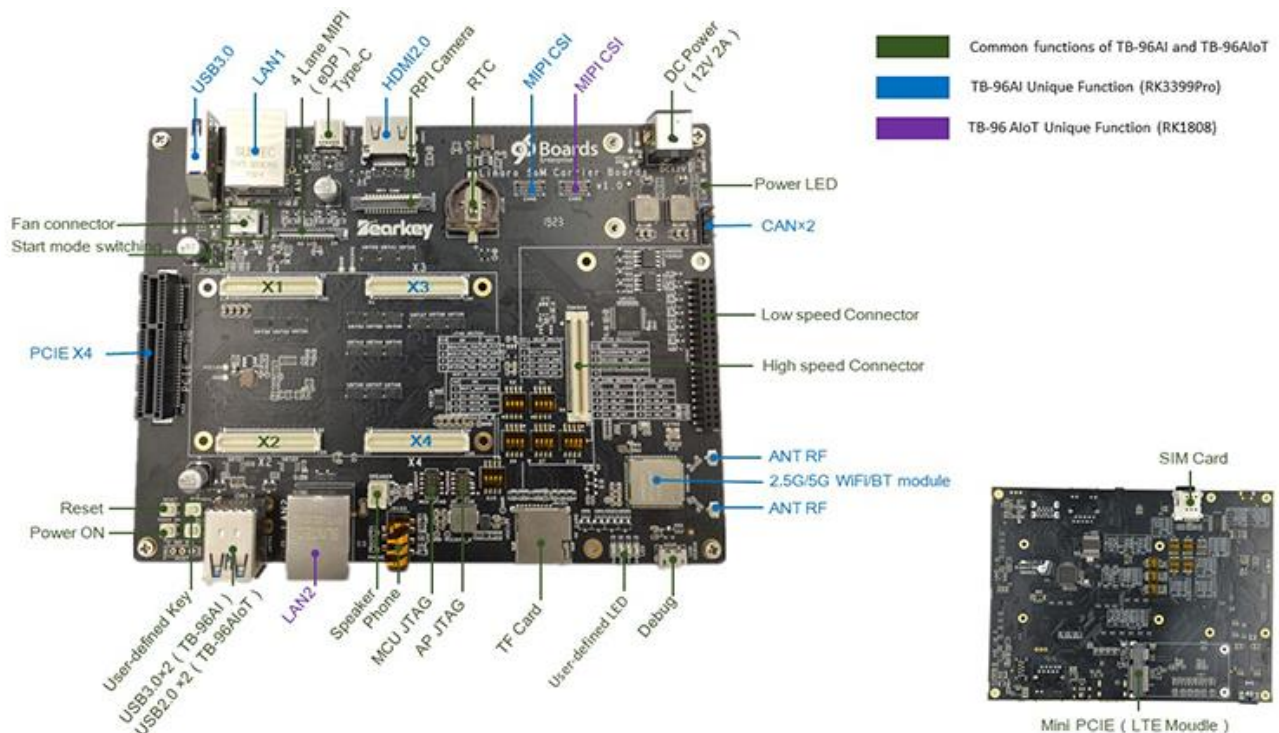
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Carrierboard Configuration Guide（for TB-96AIoT RK1808 SOM）

The following figure shows the use of TB-96AIoT RK1808 SOM on the Carrier board.



The following figure shows the interfaces on the board that can be provided to TB-96AIoT RK1808 SOM



>>Download firmware

Connect the TYPEC to PC.

Long press and hold the Maskrom button as shown in the following figure.

Insert power supply.

>>Interface use

Som connector: Use the X1 X2

LAN: Only can use the Ethernet2

Camera: Only can use CAM3 connector

Wifi: Only use the WIFI module on SOM

HDMI: No HDMI interface

PCIE: Only use the PCIE1(Different SOM hardware required)

USB: Only USB2.0 on the USBx.0 connector

The TF card,debug usb,power key,reset key,user key,user leds, DC Jacket,Audio Jacket are common connector.

>>Switch

The switches for TB-96AIoT are configured as follows

All switch on S1,S2,S6,S7 ,S10,S11,S12,S14,S15, config to disconnect.

All switch on S8,S9 config to connect for TFcard

Bit2,bit3 on S16 config to connect.

Bit1,bit2 on S5 config to connect fot debug uart

Bit4 on S3 config to connect for debug uart

Bit1,bit2 on S13 config to connect for USB

