



Pins in left:

GND: connect to GND or battery negative pole.

RESET: VoCore reset, default pull to high.

G#02/I2C_SD: GPIO 02, or I2C SD.

G#01/I2C_CLK: GPIO 01, or I2C Clock.

G#18/JTAG_TDI: GPIO 18, or JTAG TDI.

G#00: GPIO 00.

G#19/JTAG_TMS: GPIO 19, or JTAG TMS.

G#20/JTAG_TCLK: GPIO 20, or JTAG Clock.

G#21/JTAG_TRST: GPIO 21, or JTAG Reset.

G#17/JTAG_TDO: GPIO 17, or JTAG TDO.

GND: same GND as first one.

+3.5V ~ +6.0V input: power supply, allow 3.5V ~ 6.0V input.

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GND: same GND as first one.

Pins in bottom:

G#12/PCM_CLK: GPIO 12, or PCM clock.

G#09/I2S_SDO: GPIO 09, or I2S SDO.

G#22/LED0: GPIO 22, or ethernet LED controller 0.

G#08/I2S_WS/TXD: GPIO 08, or I2S WS, or UART full TXD.

+1.8V: 1.8V output, max current 300mA, ethernet power supply.

G#04/SPI_CLK: GPIO 04, or SPI clock.

G#05/SPI_MOSI: GPIO 05, or SPI master out/slave in.

G#27/SPI_CS1: GPIO 27, or SPI chip select 1.

G#23/LED1: GPIO 23, or ethernet LED controller 1.

G#13/PCM_DRX: GPIO 13, or PCM DRX.

G#24/LED2: GPIO 24, or ethernet LED controller 2.

G#25/LED3: GPIO 25, or ethernet LED controller 3.

G#26/LED4: GPIO 26, or ethernet LED controller 4.

G#14/PCM_TDX: GPIO 13, or PCM TDX.

Pins in right:

+3.2V ~ +3.5V input/output: If you connect power to +3.5V ~ +6.0V, this port is able to output 3.3V, max 500mA; or use it as input, the voltage should between 3.2V to 3.5V.

USB+: USB Data +.

USB-: USB Data -.

P4RN: Ethernet port 4, R-.

P4RP: Ethernet port 4, R+.

P4TP: Ethernet port 4, T+.

P4TN: Ethernet port 4, T-.

P0RN: Ethernet port 0, R-.

P0RP: Ethernet port 0, R+.

P0TP: Ethernet port 0, T+.

P0TN: Ethernet port 0, T-.

G#11/PCM_FS: GPIO 11, or PCM FS.

G#03/SPI_CS0: GPIO 03, or SPI chip select 0.

G#06/SPI_MISO: GPIO 06, or SPI master in/slave out.

G#10/I2S_SDI/RXD: GPIO 10, or I2S SDI, or UART full RXD.

G#16/RXD2: GPIO 16, UART lite RXD2(default TTL console, 57600,8n1).

G#07/I2S_CLK: GPIO 07, I2S Clock.

G#15/TXD2: GPIO 15, UART lite TXD2(default TTL console, 57600,8n1).

GND: same GND as first one.

Note: UART full has 8 pins, other 6 is not listed, please check RT5350 datasheet.



Contact us: support@vonger.net