

RK3568 EVB Board

Rockchip
<https://www.rock-chips.com/>

Ariaboard

Designed by Shanghai Novotech
<https://ariaboard.com>

RK3568 EVB Board

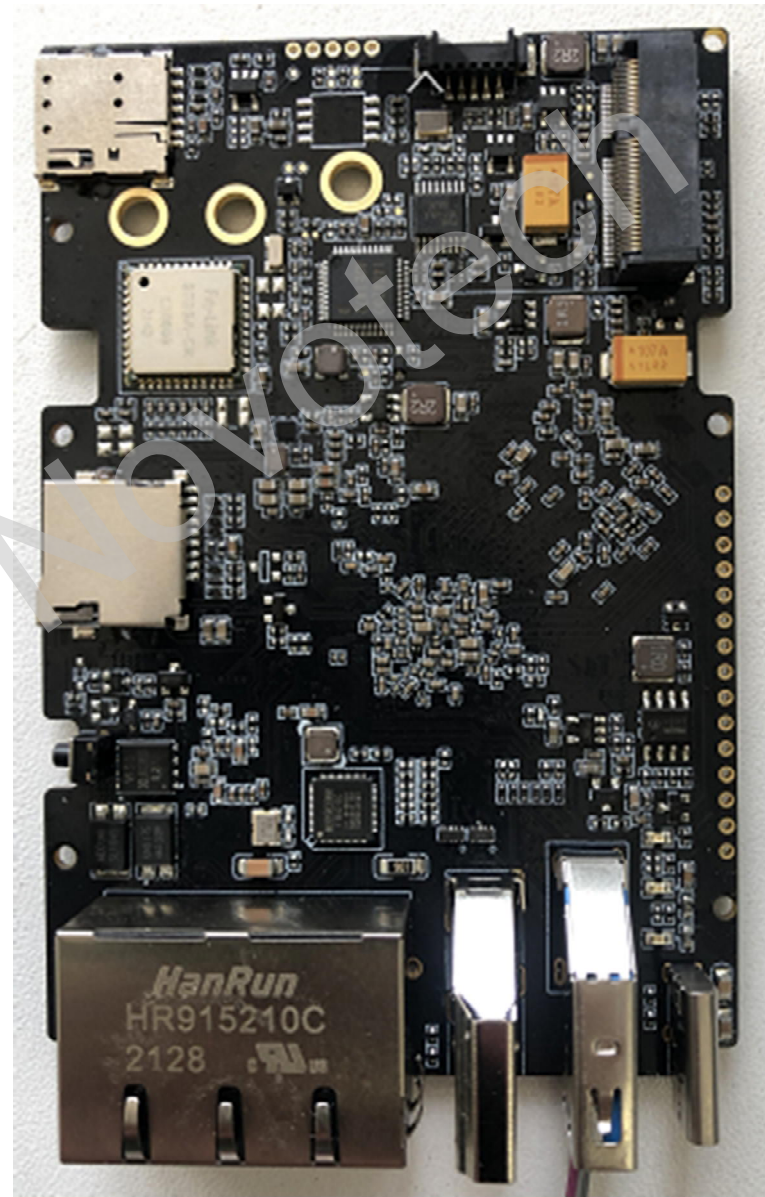


ID

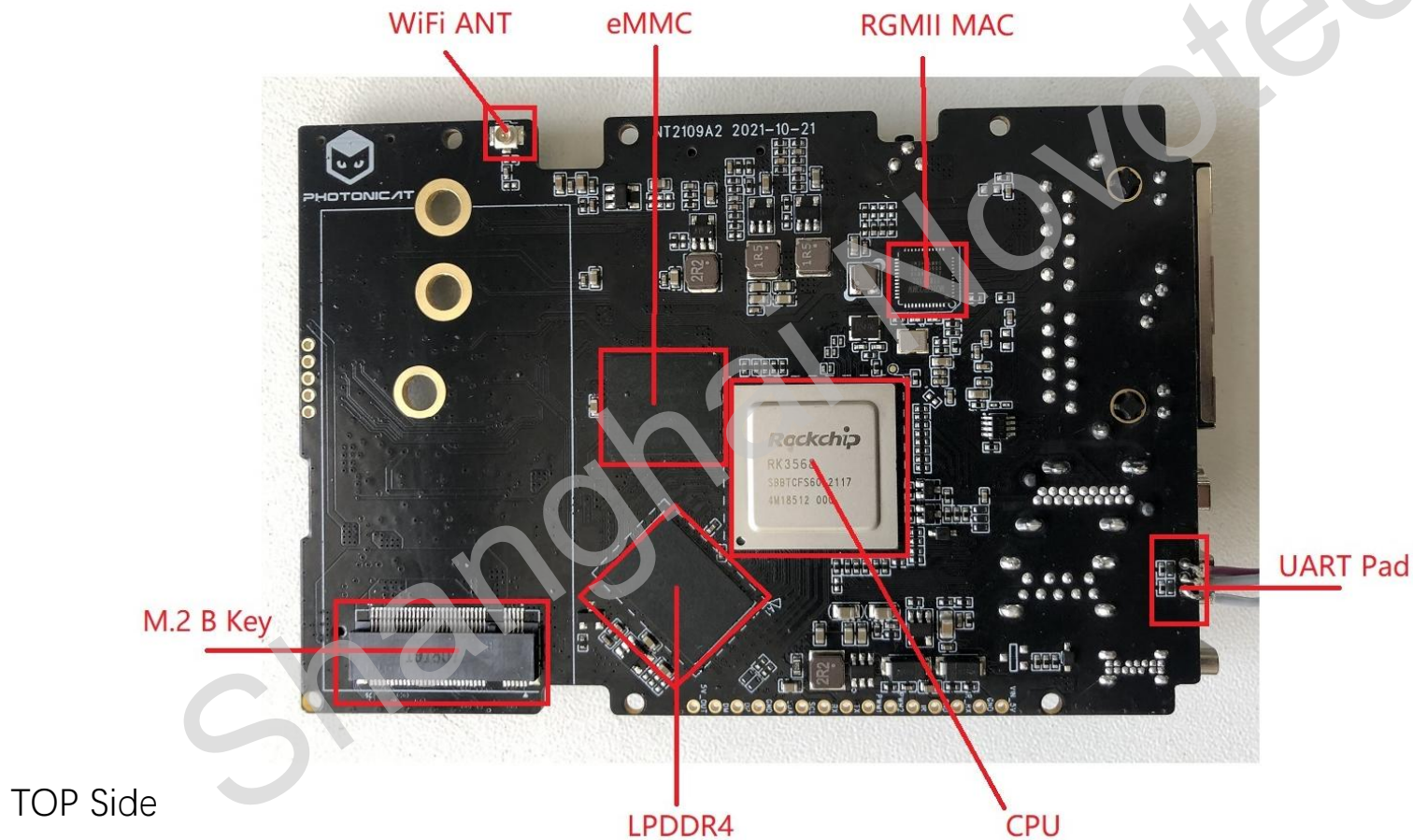
- Module Size: 71.5mm x 105mm x 25mm;

Hardware Spec

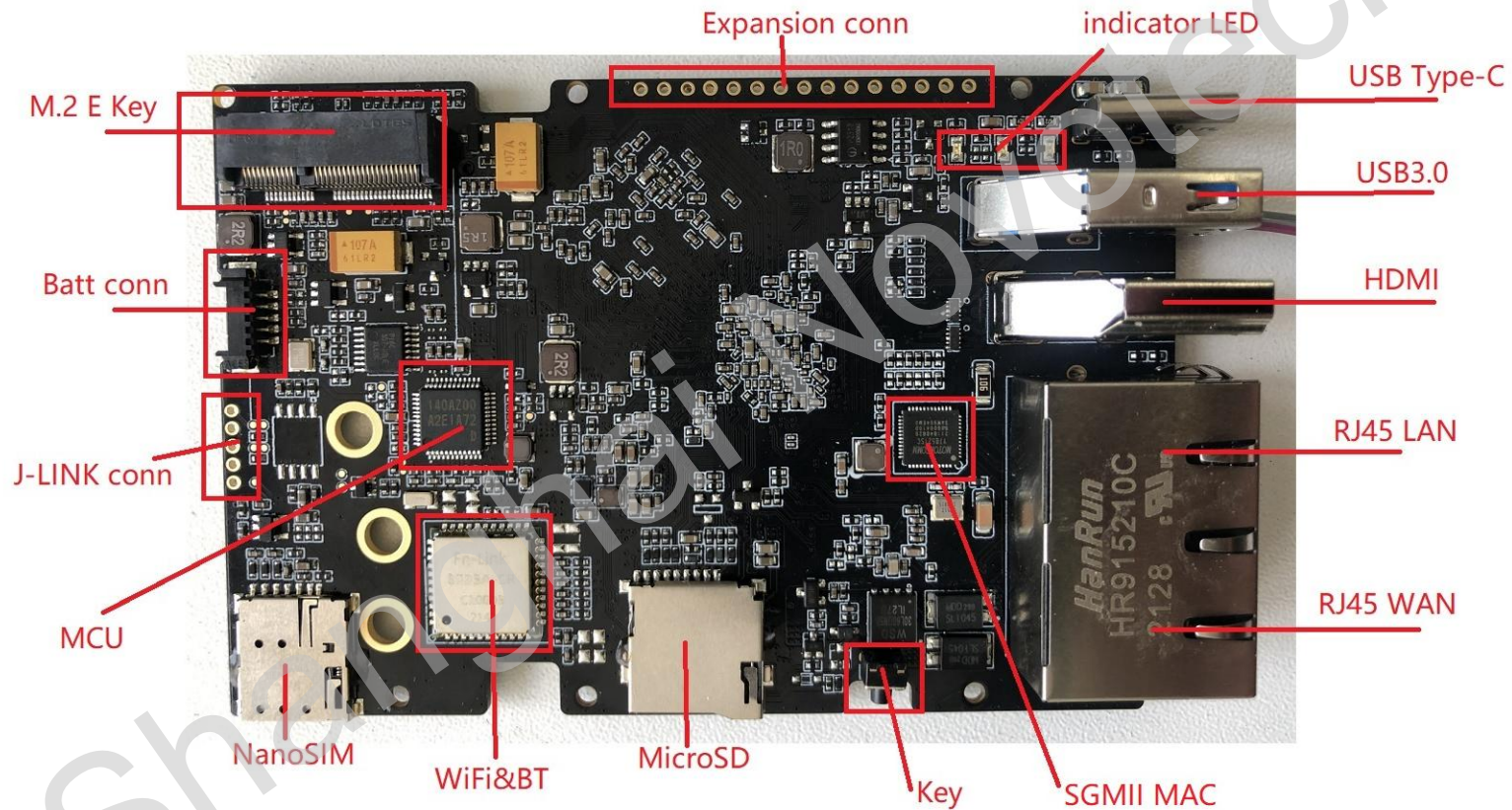
- CPU: Rockchip RK3568 Quad Cortex®-A55 2GHz;
- DDR: 32bit LPDDR4-3200 1GByte (up to 4GByte) ;
- Flash: eMMC-5.1 8GByte
- Ethernet: YT8521SC 10/100/1000M PHY
- Display: HDMI
- UART x2
- CAN BUS x1
- SPI x1
- I2C x2
- USB Type-c x1(Power only)
- USB3.0 x3
- USB2.0 x2
- PCIe x1
- SDIO x2
- Power: DC5V@2.5A



IC Description



IC Description



Bottom Side

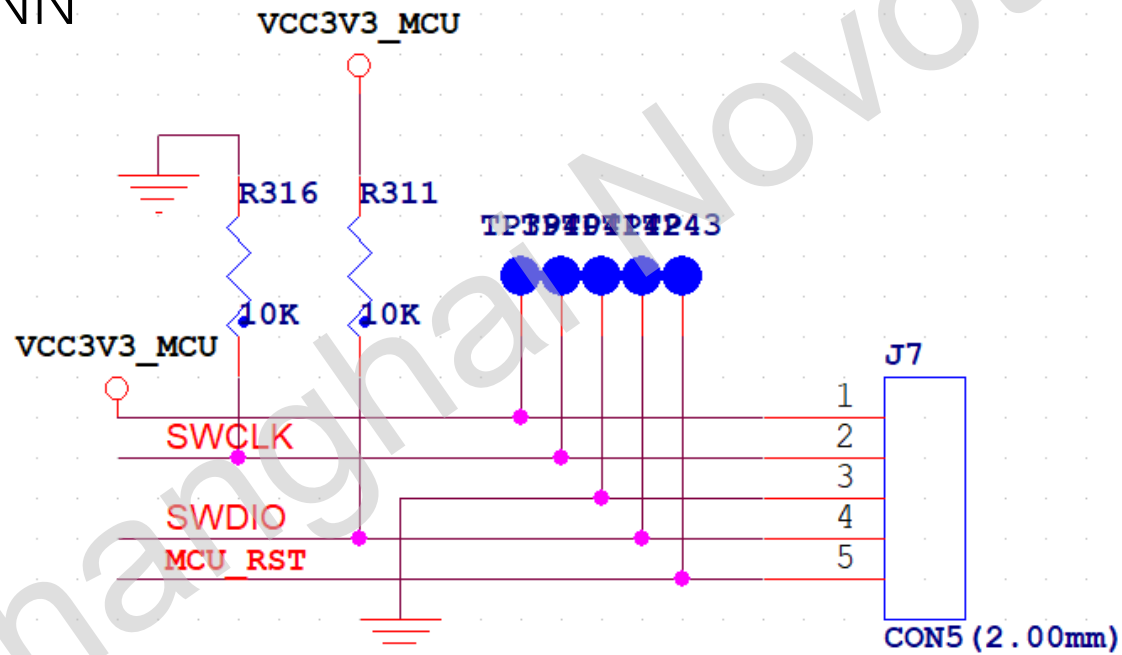
IO Description

- Key

功能	进入方式	状态提示
开机	长按3秒	电源灯常亮
开机进入烧录模式	短按3下，再长按10秒以上	电源灯闪烁（0.25秒亮，0.25秒暗）
开机关闭看门狗	短按4下，再长按10秒以上	电源灯常亮，网络状态提示灯会闪烁一下
开机恢复出厂设置	短按1下，再长按17秒以上	电源灯闪烁（0.5秒亮，0.5秒暗）
关机	长按3秒	电源灯熄灭
查看电量	短按1下	3个LED灯全闪2下，根据电量显示，3灯再次全闪2下退出（电量划分参见电量定义表）

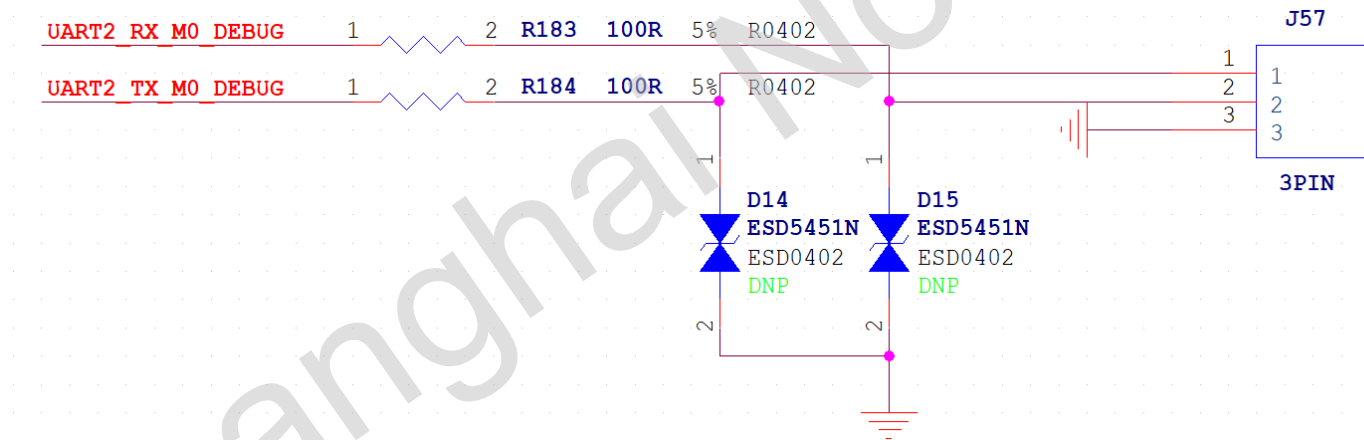
IO Description

- J-LINK CONN



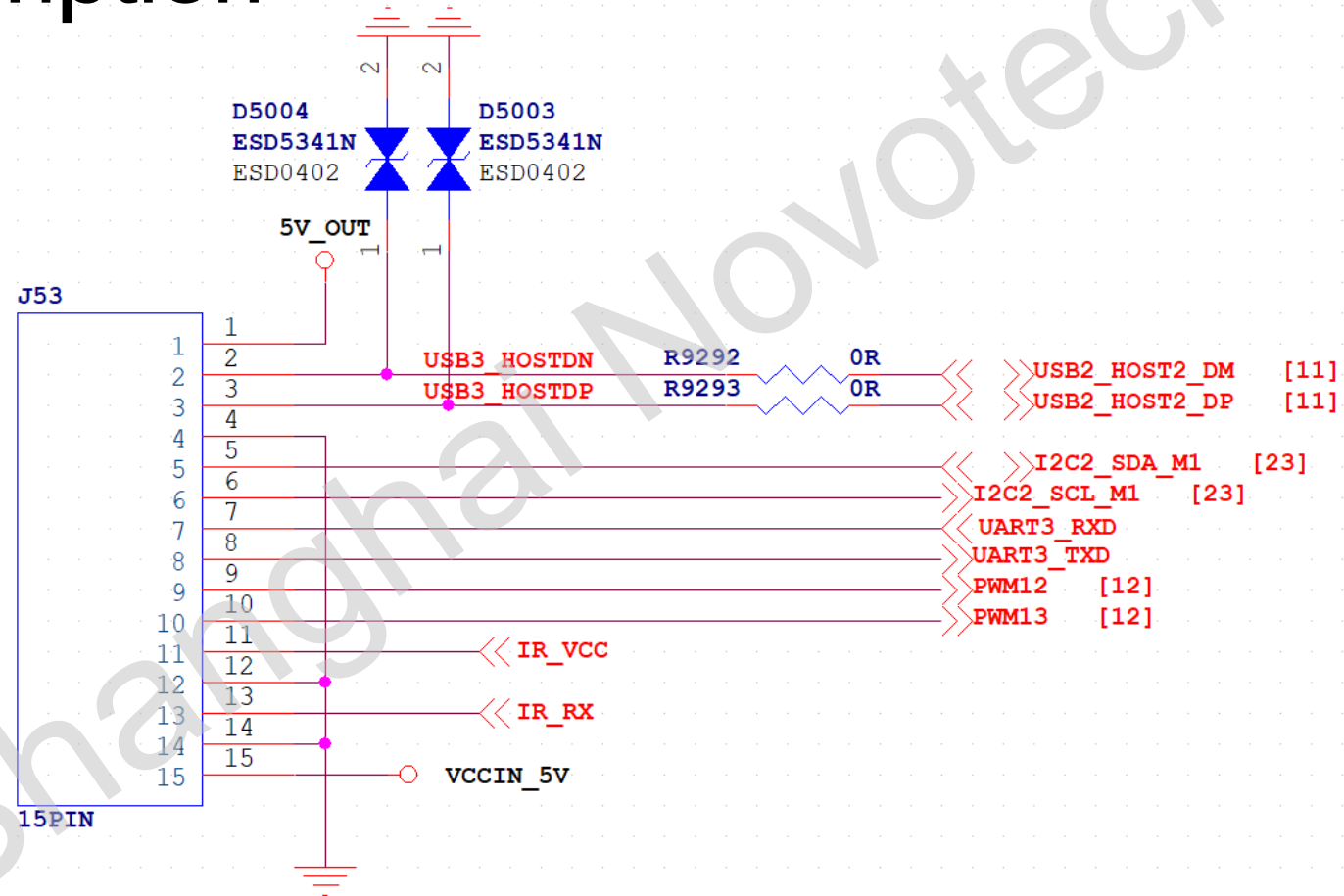
IO Description

- Debug UART Conn



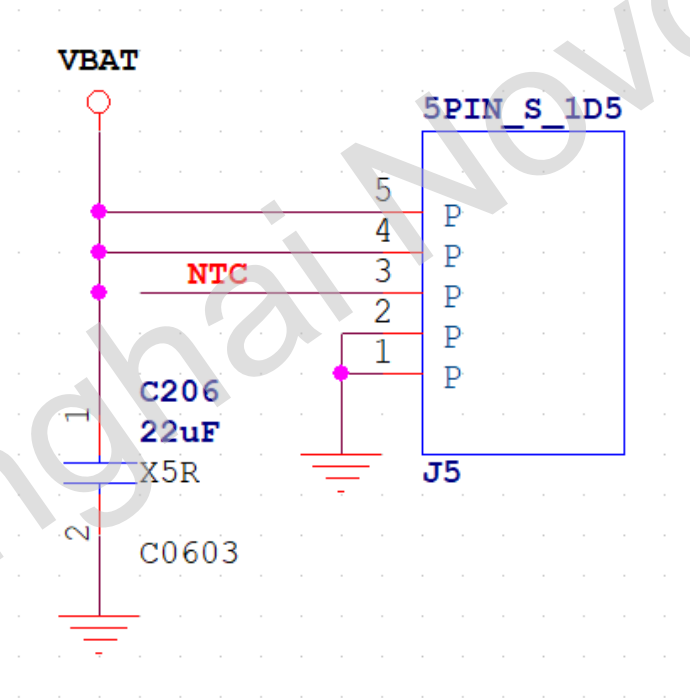
IO Description

- IO CONN



IO Description

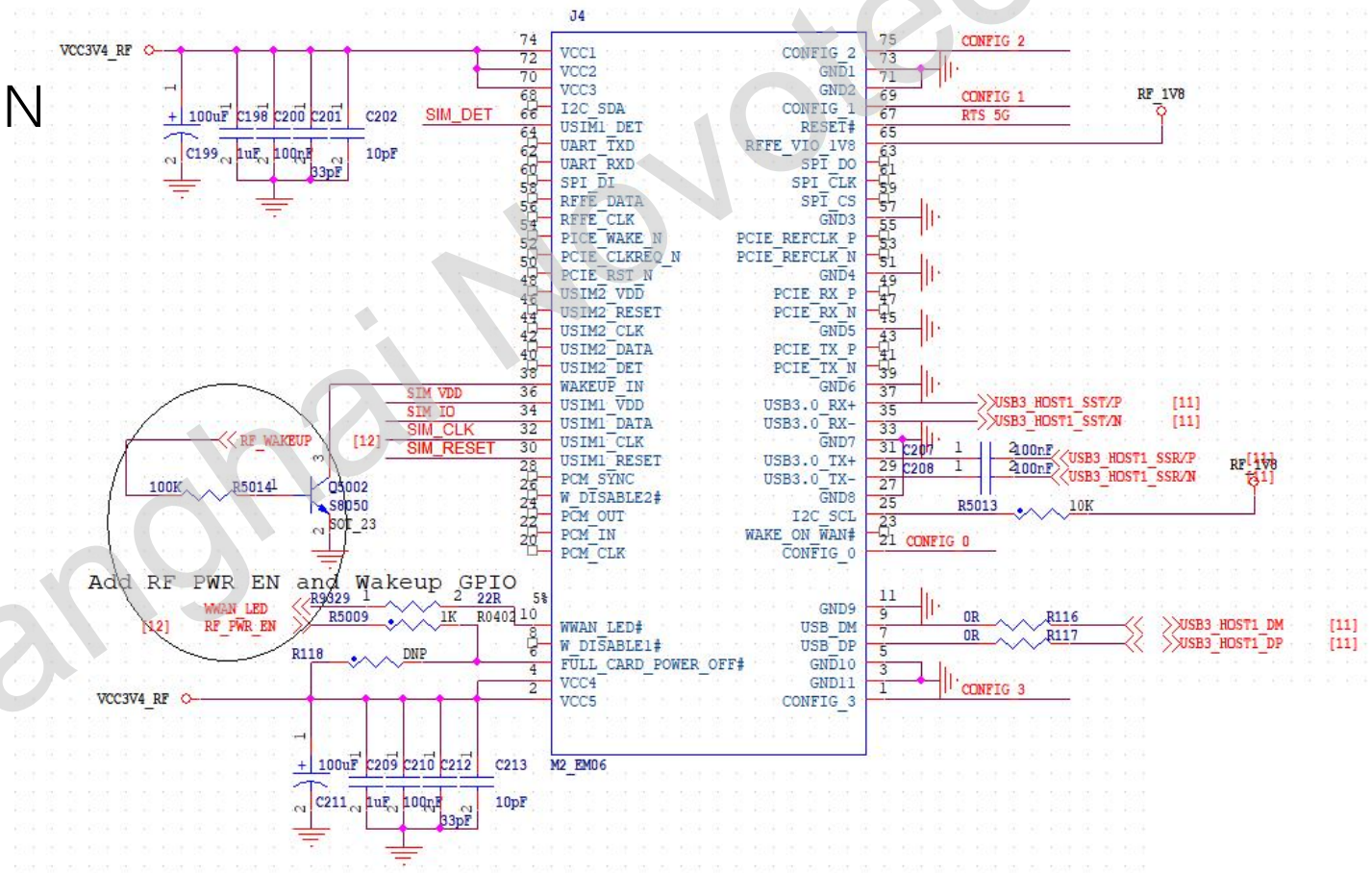
- Battery CONN



- M.2 E Key CONN



- M.2 B Key CONN



Location

