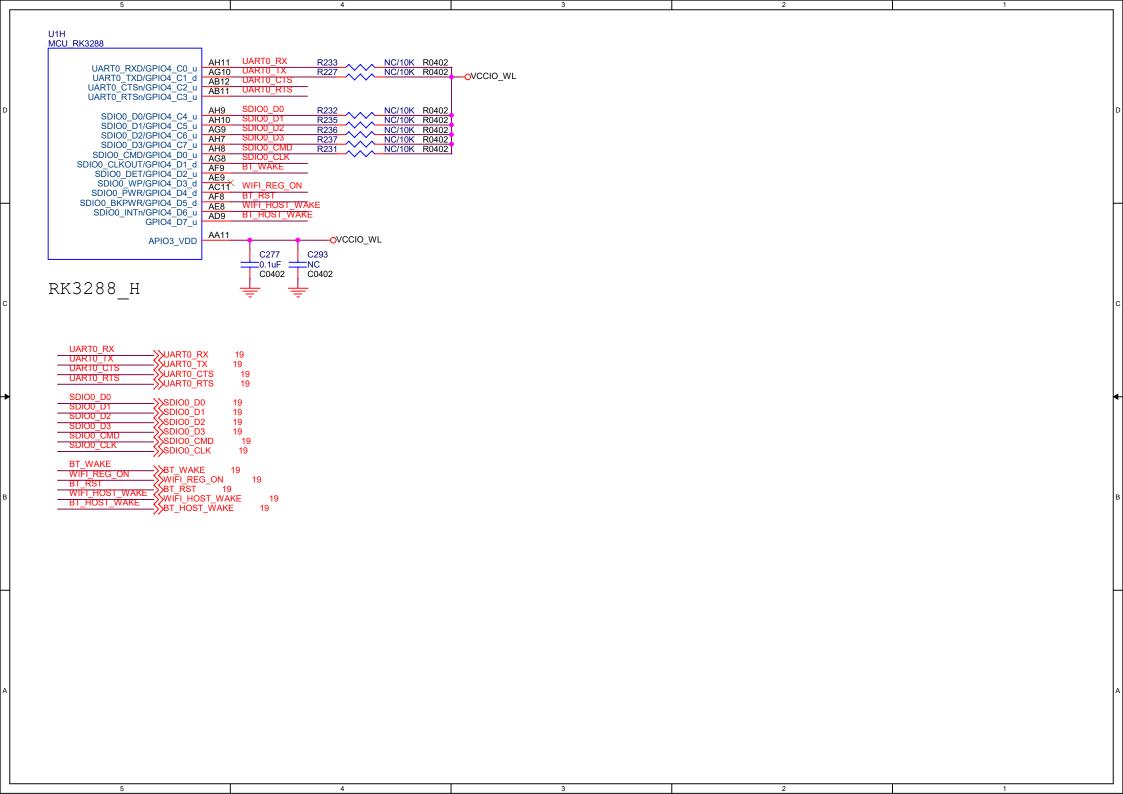
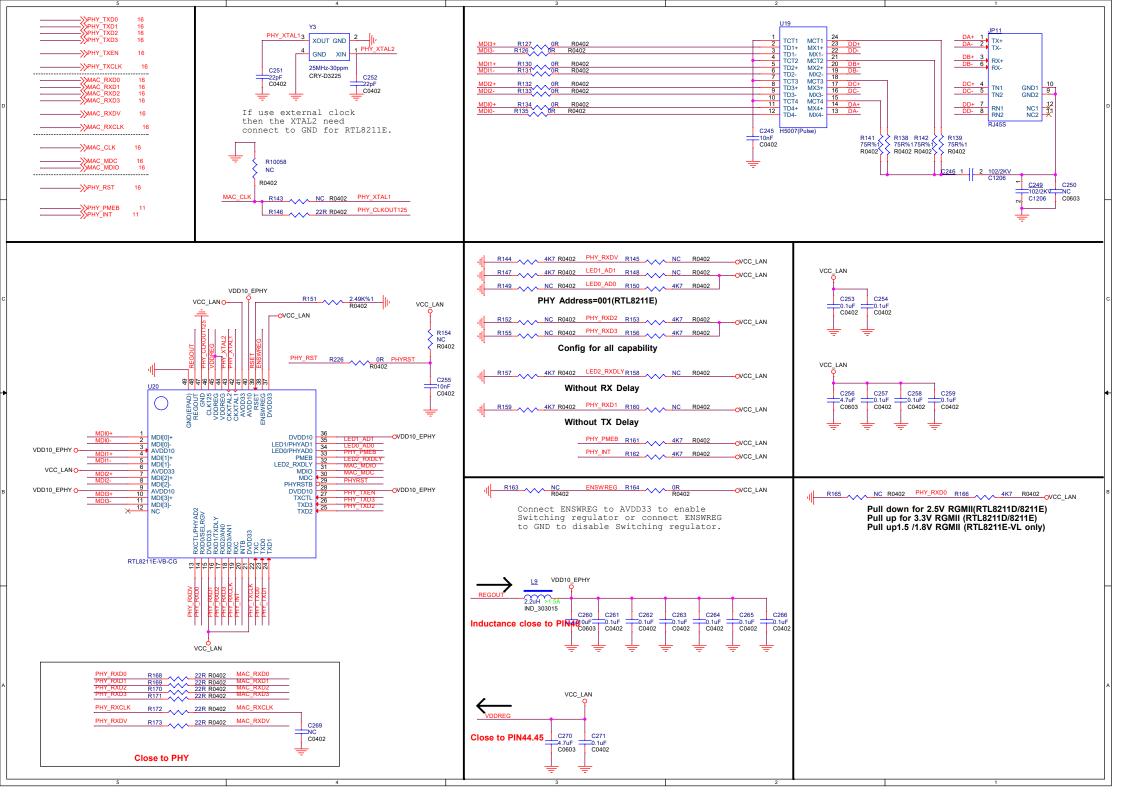
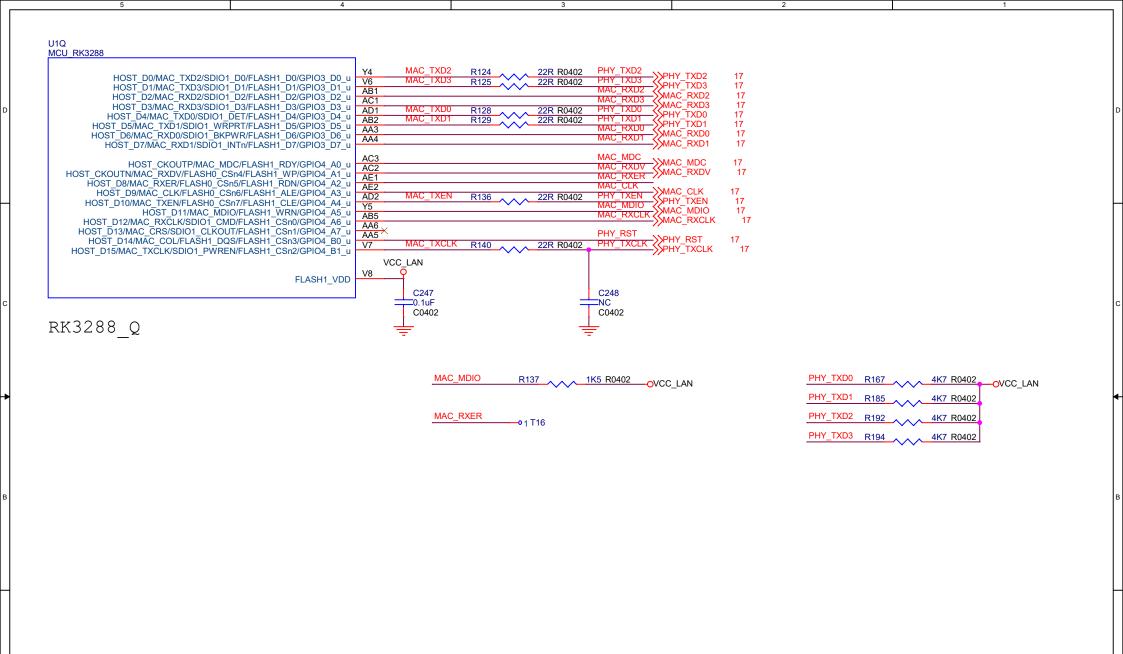
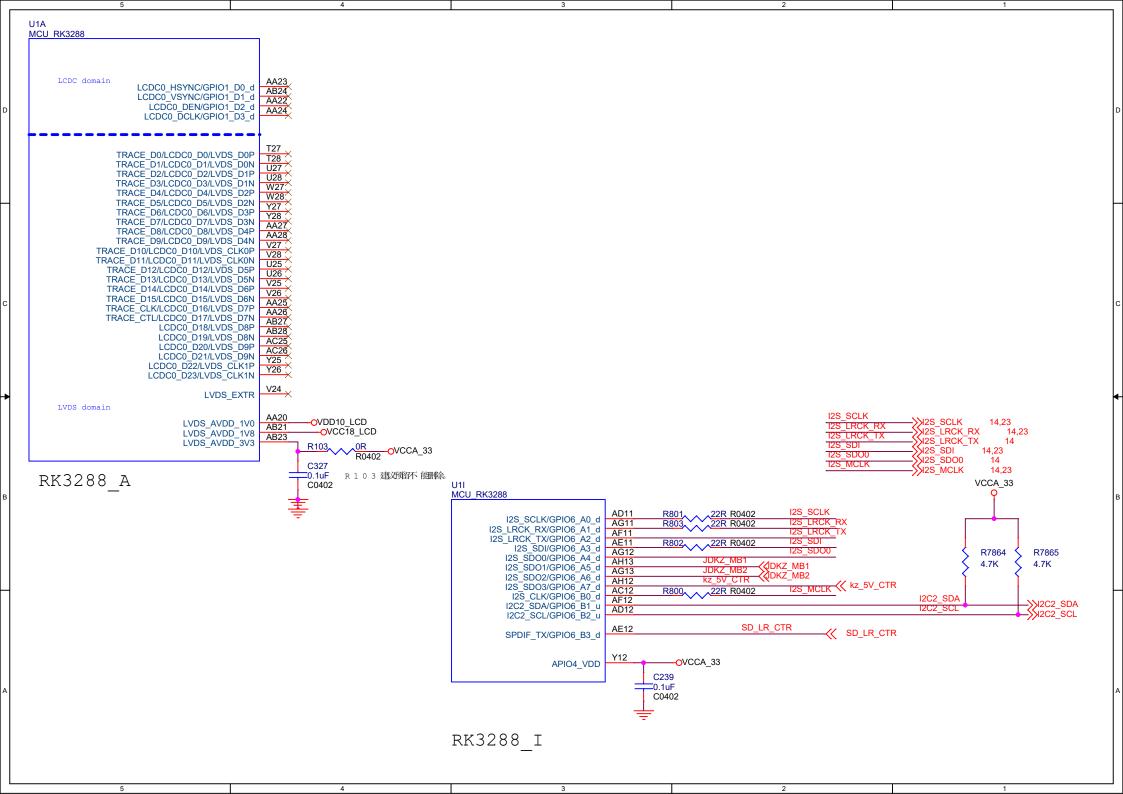


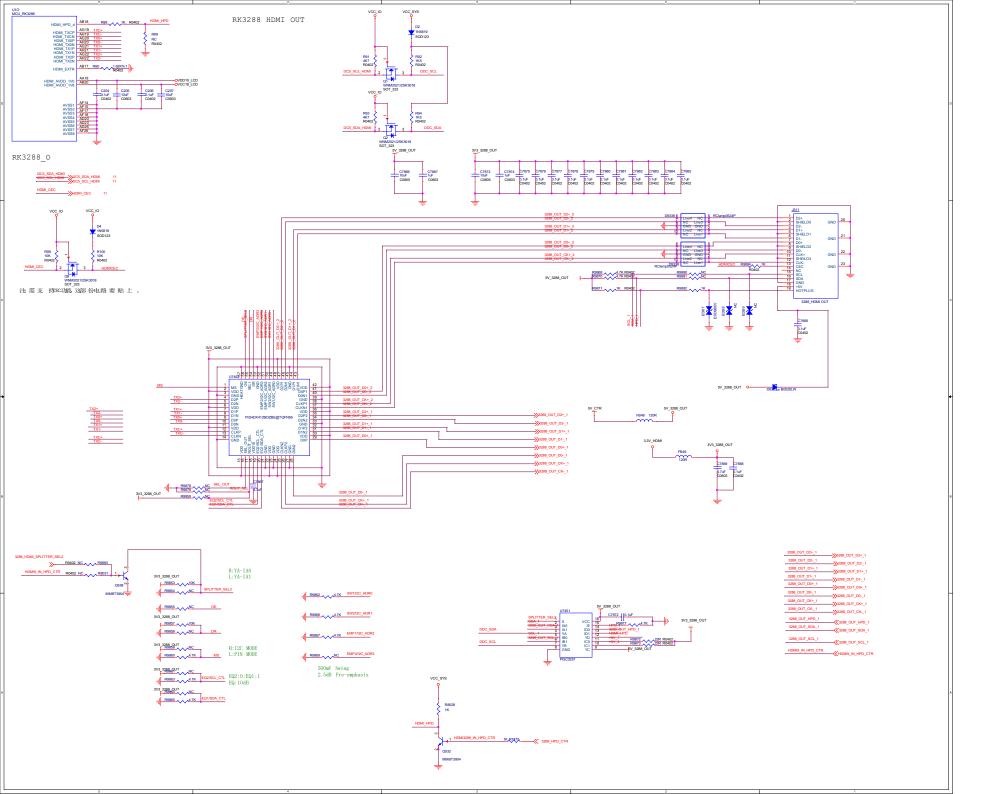
## SDIO WIFI/BT MODULE-MIMO Note: VBAT voltage range is 3.0V~4.8V, and peak-current is at least 400mA. **RF Microstrip** Z0= 50 ohm ANT6001 ANT6002 GND GND ANT ANT GND GND C6300 C6301 C6302 NC C0402 10pF C6303 C0402 NC C6304 10pF NC C0402 C6305 ANT ANT JACK ANT ANT\_JACK C0G C0402 C0402 C0G C0402 50V 50V U6300 AP6398S UARTO RX >>UART0\_RX >>UART0\_TX >>UART0\_CTS 18 SDIO0\_D0 SDIO0\_D1 SDIO0\_D2 SDIO0\_D0 SDIO0\_D1 SDIO0\_D2 SDIO0\_D3 SDIO0\_CMD SDIO0\_CLK 18 18 18 18 18 BT\_HOST\_WAKE BT\_HOST\_WAKE BT\_WAKE GPIO8\_9/MODE SEL R6300 1 22R 5% 2 R0402 BT\_WAKE WIFI\_REG\_O BT\_RST WIFI\_HOST WIFI\_REG\_ON WAKE ST\_RST 18 WIFI\_HOST\_WAKE WAKE ST\_HOST\_WAKE PCIE TDP/NC 37.4MHz\_10ppm CRY-D3225 PCIE\_TDN/NC WIFI\_CLK PCIE\_RDP/NC PCIE\_RDN/NC UART\_CTS\_N UART\_RTS\_N -ADDITION OF THE PROPERTY OF TH GND1XOUT UARTO\_RTS UARTO\_CTS 18 XIN GND2 UARTO\_TX UARTO\_RX WIFI\_DO 21 SDIO\_DA1.\_ 22 SDIO\_DA1.\_ 23 SDIO\_DA1.\_ 24 SDIO\_TO NC/PCIE\_PME\_L VIN\_LDO C6306 C6307 8pF WIFI\_D 32K\_OUT2 —⟩>32K\_OUT2 8nF I'BT RST C0402 C0402 C0G 50V C0G 50V C6308 4.7uF C0603 X5R 25V ÷ IND\_303015 BT\_PCM\_OUT up to 1A VCC\_1V80\_R63011\_10K\_5%\_2\_R0402 BT\_PCM\_SYNC VBAT\_WL VCC\_1V8 O-VCC\_IO VBAT\_WL C6315 C6316 C6317 C6318 C6319 3.0V-4.8V 4.7uF 100nF 10uF 10uF 100nF L11 BLM18PG181SN1 WIFIBT 32KIN 32K\_OUT2 R186 VV 0R R0402 C0603 C0402 C0603 C0603 C0402 X5R X5R 16V, X5R 10V, X5R 10V, X5R 16V C287 C288 VCC3V3 SYS0603 25V 22uF 0.1uF C0805 C0402 L0603 SDIO0\_D0 R180 22R R0402 C281 33pF C0402 L2106 3.3uH IND\_303015 0.08ohm SDIO0\_D1 WIFI\_D1 22R R0402 C279 C0402 R181 33pF SDIO0\_D2 WIFI\_D2 C280 33pF C0402 U7453 22R R0402 5V\_CTR VCC3V3 SYS SDIO0\_D3 C282 33pF C0402 SOT25 Trace>2.0A VIN SDIO0\_CMD R183 \_ \_ \_ 22R R0402 C283 33pF C0402 C2153 100pF C0G C2154 10uF =X5R C2155 GND SDIO0\_CLK R2121 10uF 150K X5R R0402 16V R184 22R R0402 C2152 10uF C284 R2122 100nF 1 240K 2 5% R0402 C0402 EN FB/OUT X5R 10V 50V C0402 X5R 50V C0402 1% C0805 C2156 100nF **OPTION 3** C0402 X5R 16V R2123 33K R0402 1%

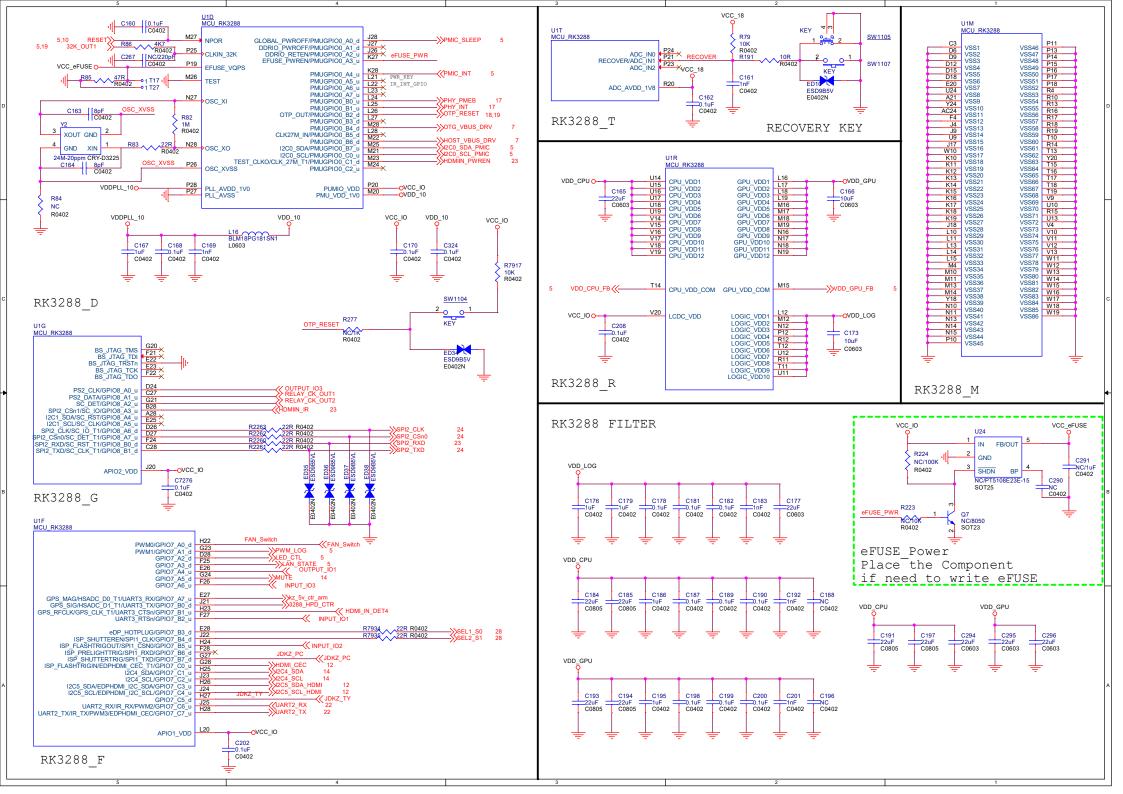


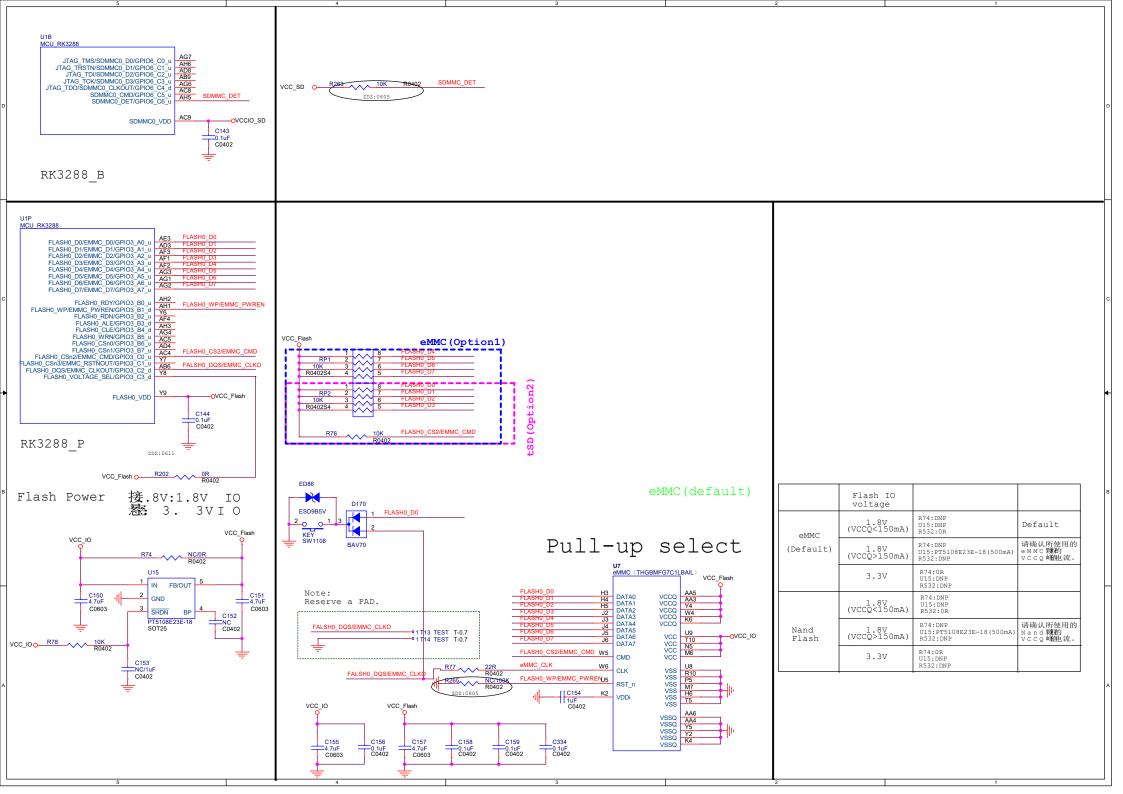


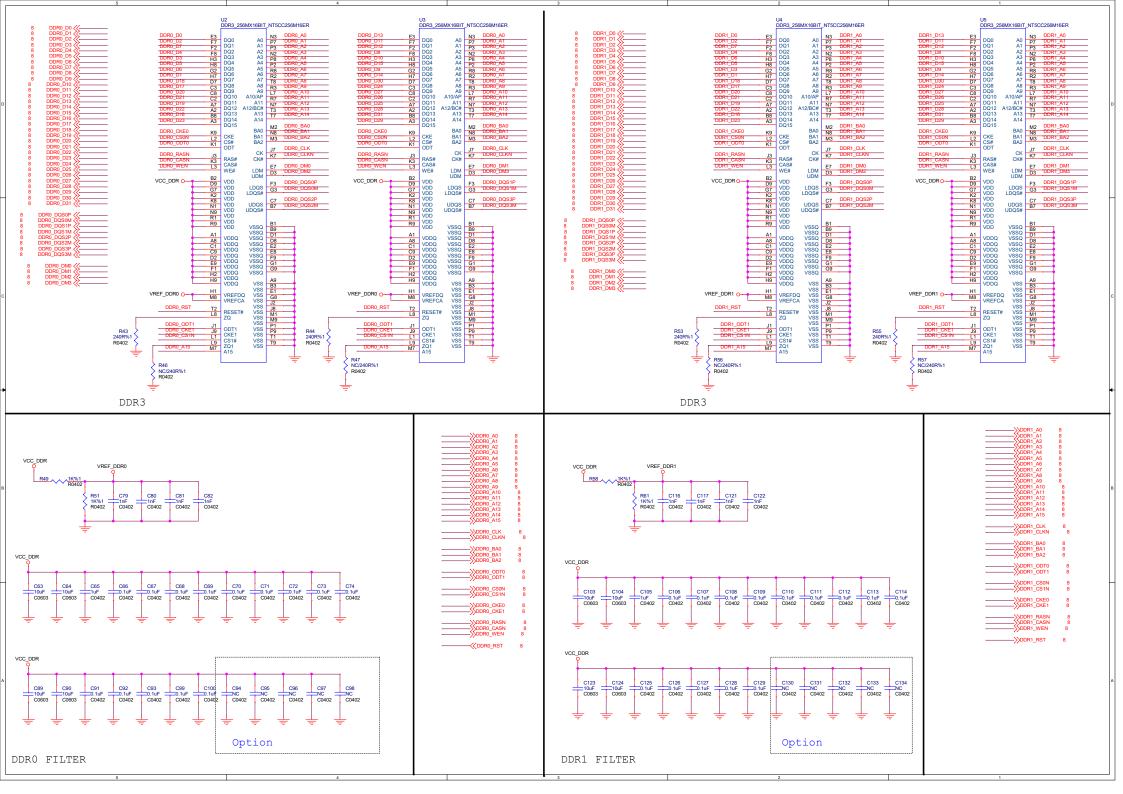


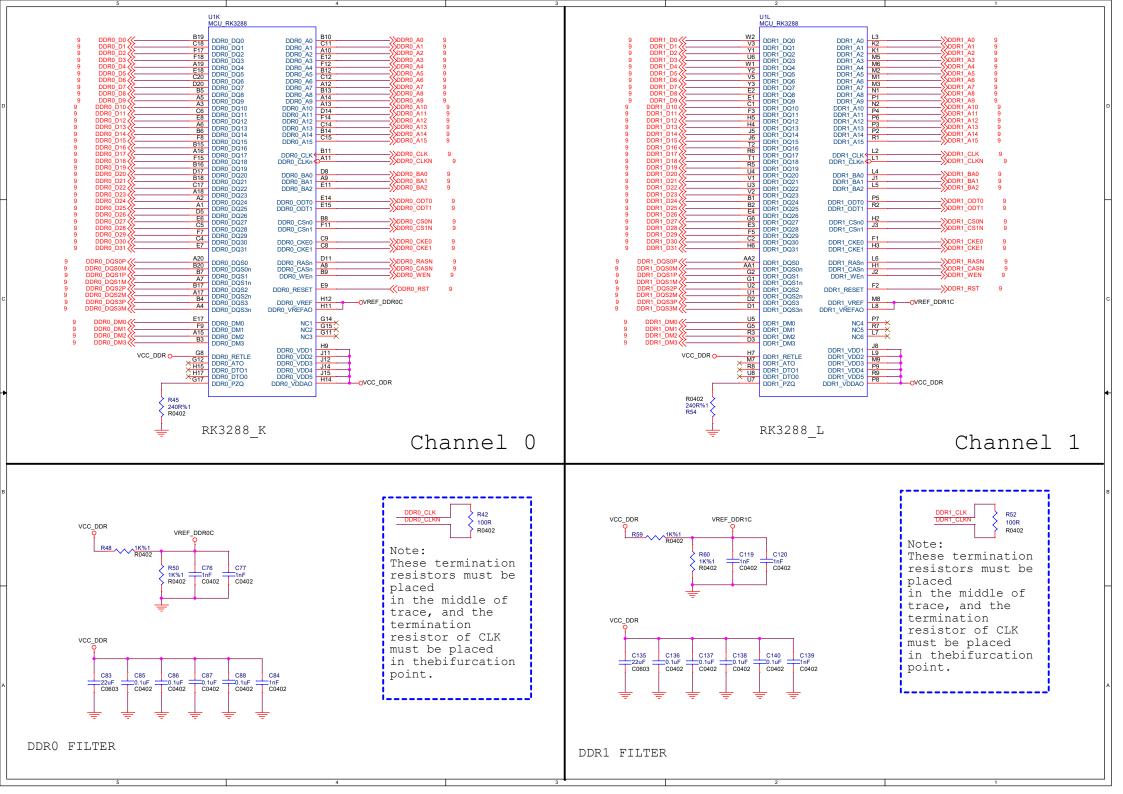


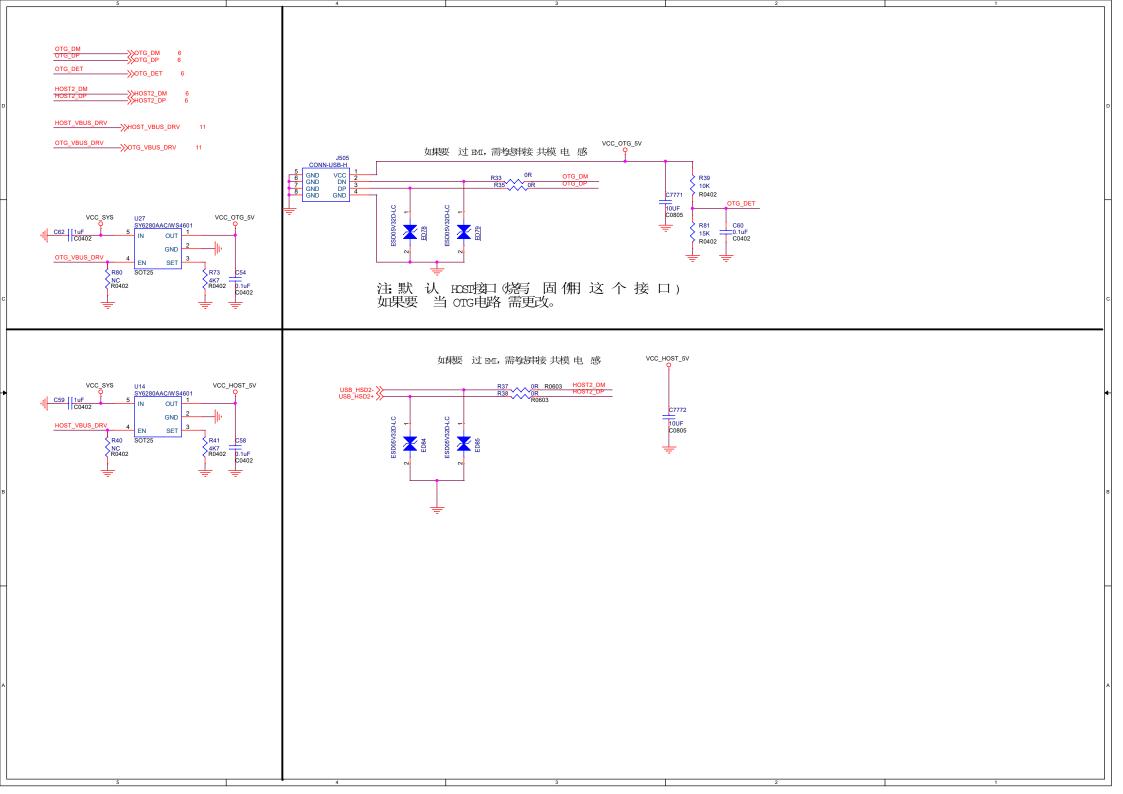


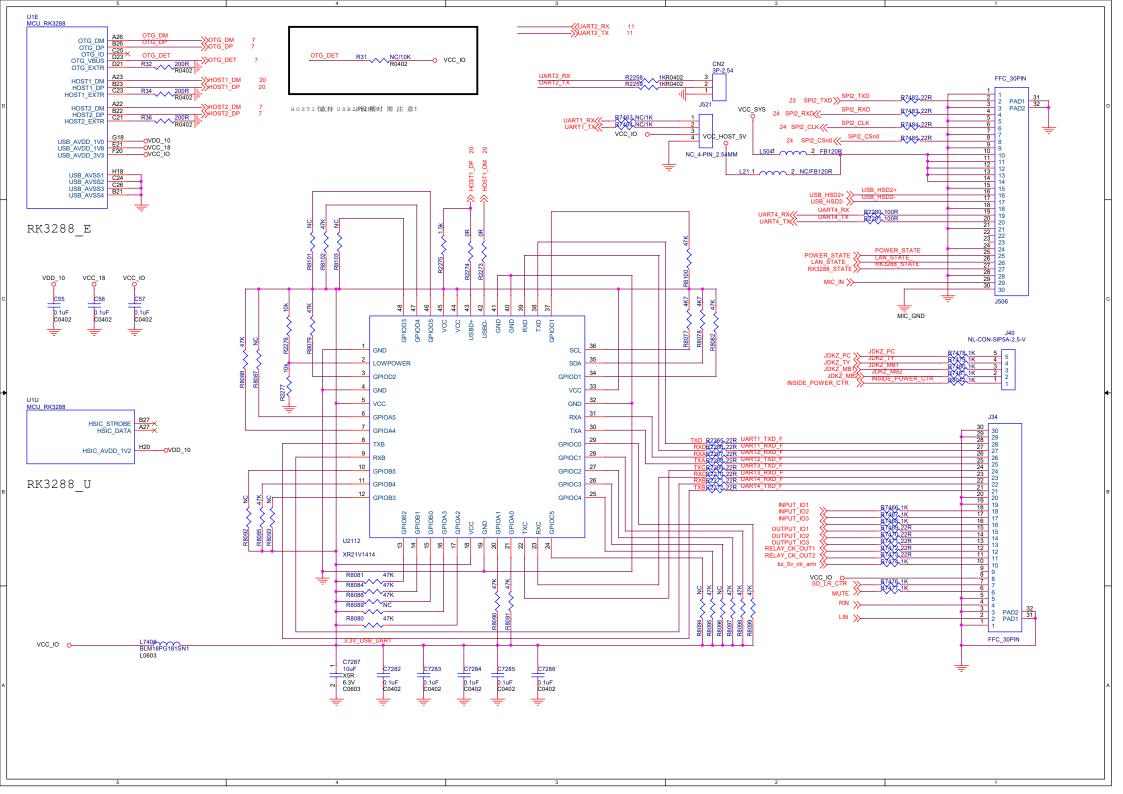


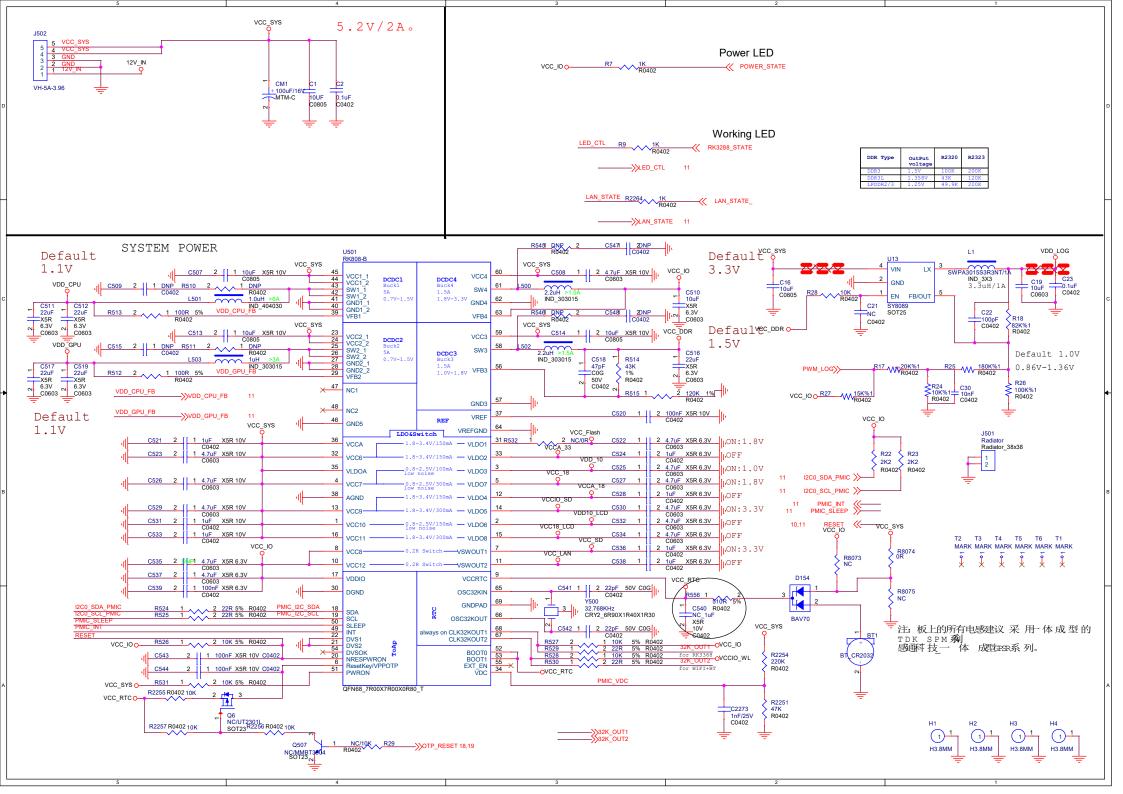


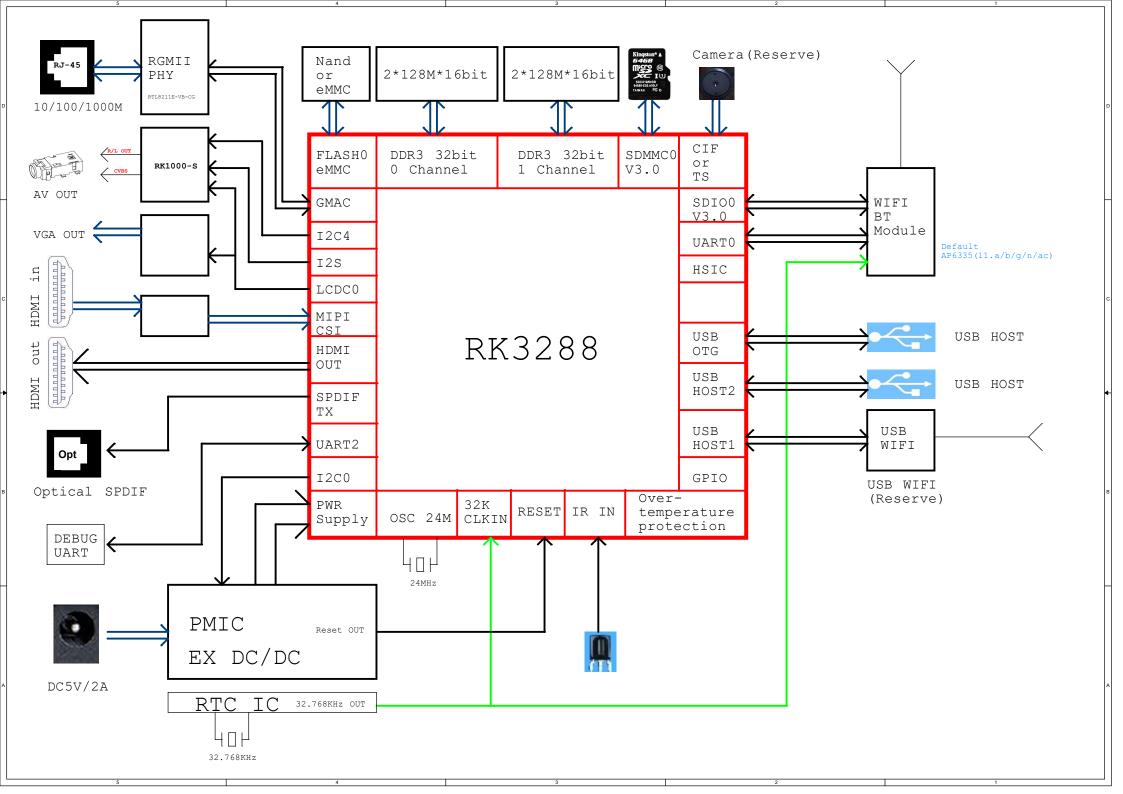




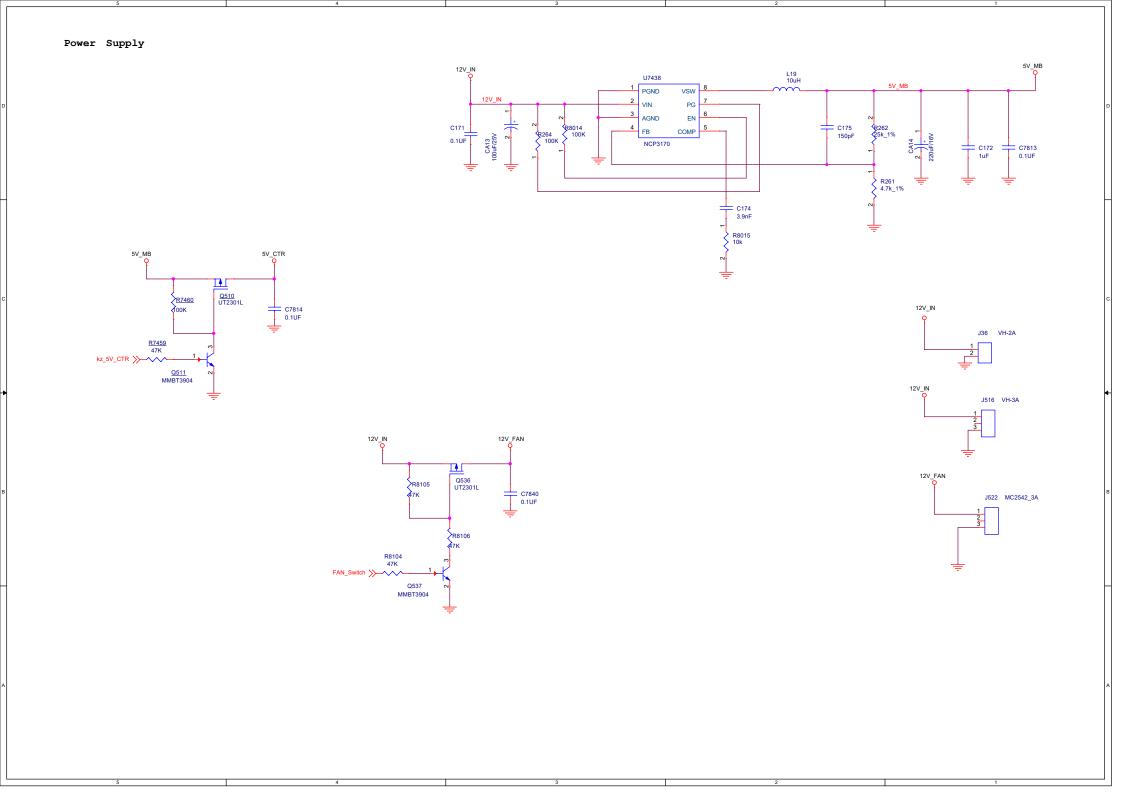




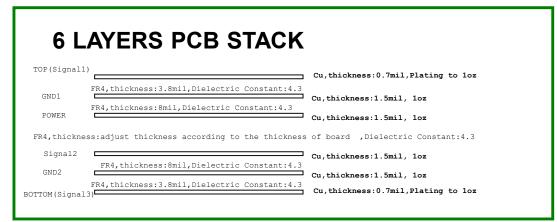




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