



Communications, Inc.

Schematic

版本: A1

機種名稱: DIR-615C1 Rev. A2

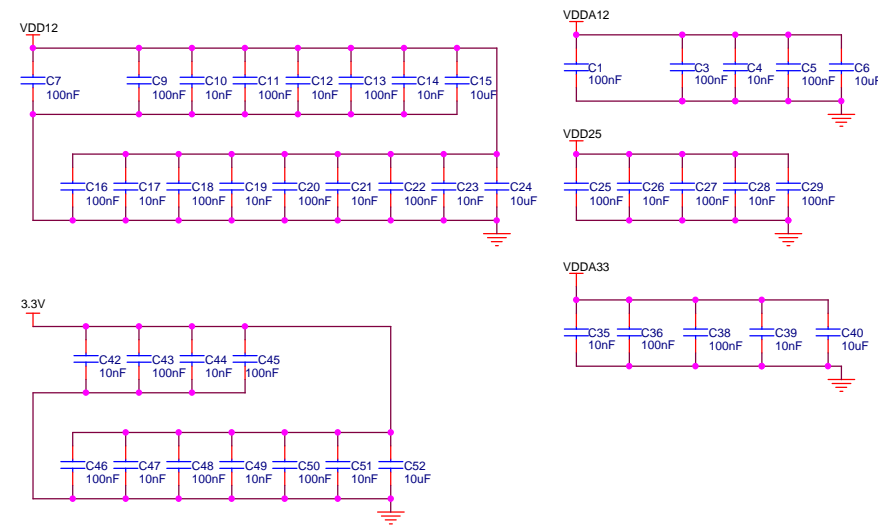
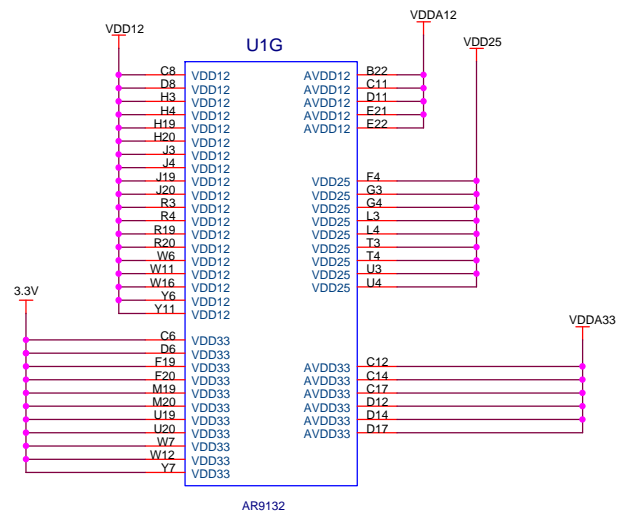
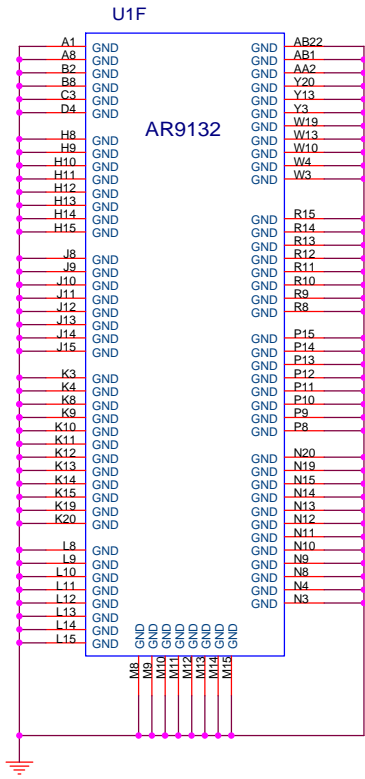
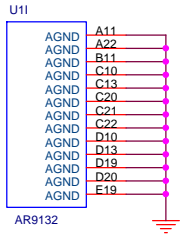
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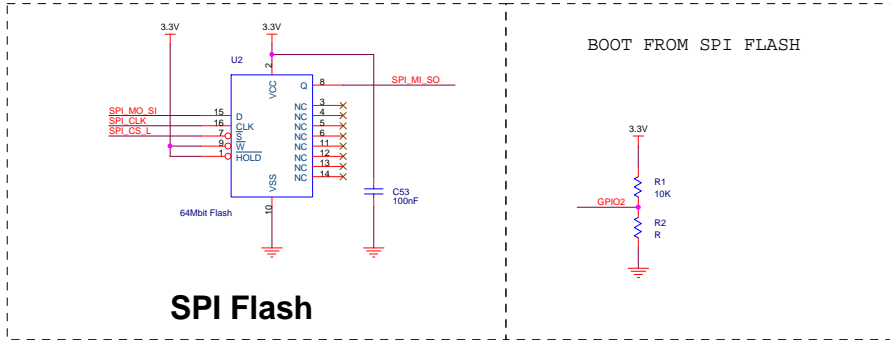
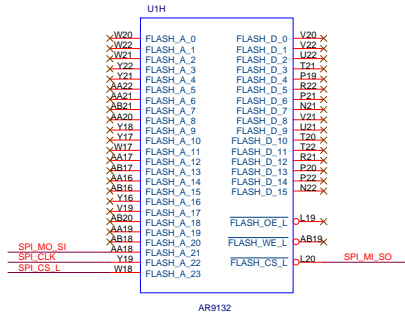
DESIGN	CHECKED	APPROVED
陳右樺	張冠賢	李永文

Engineer: 陳右樺

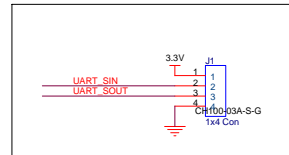
Date: 97/04/29

Page: 14 頁

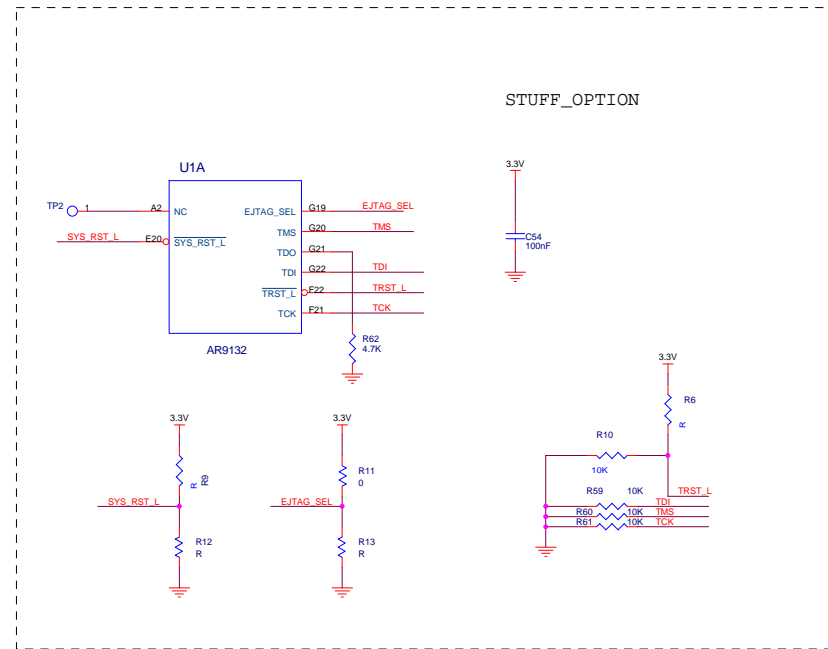
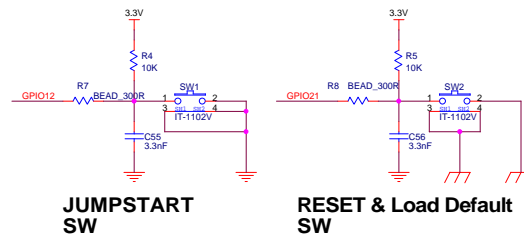
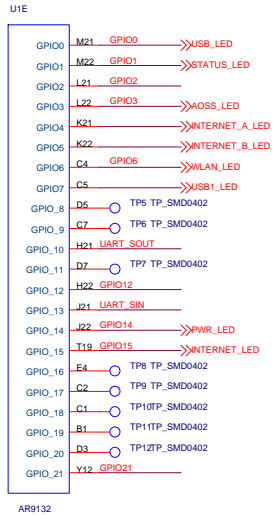


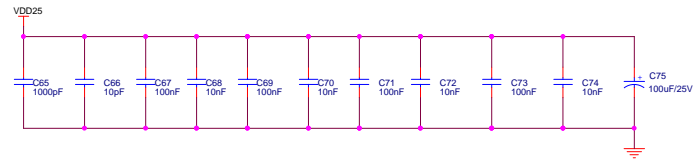
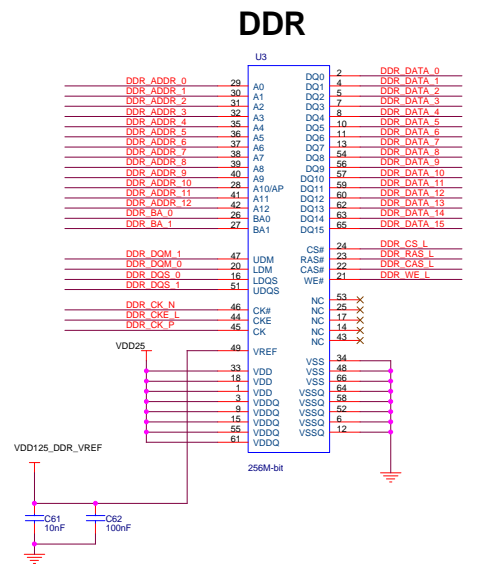
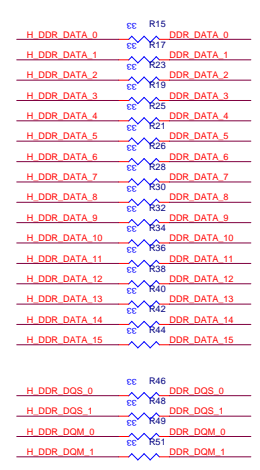
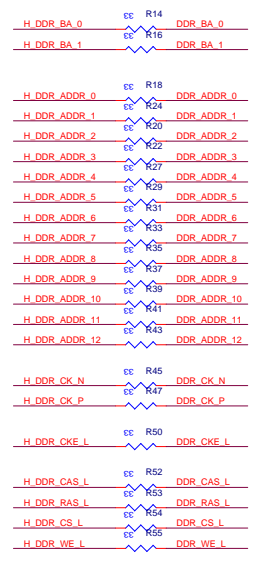
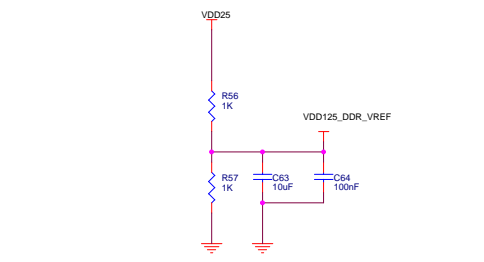
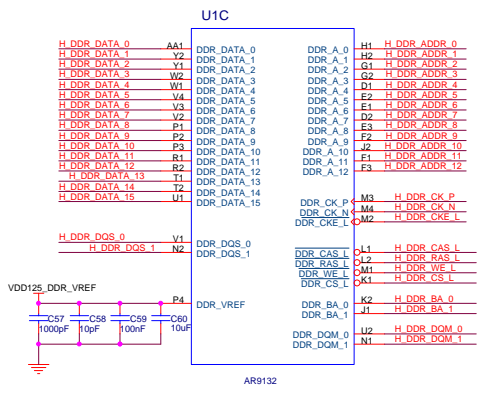


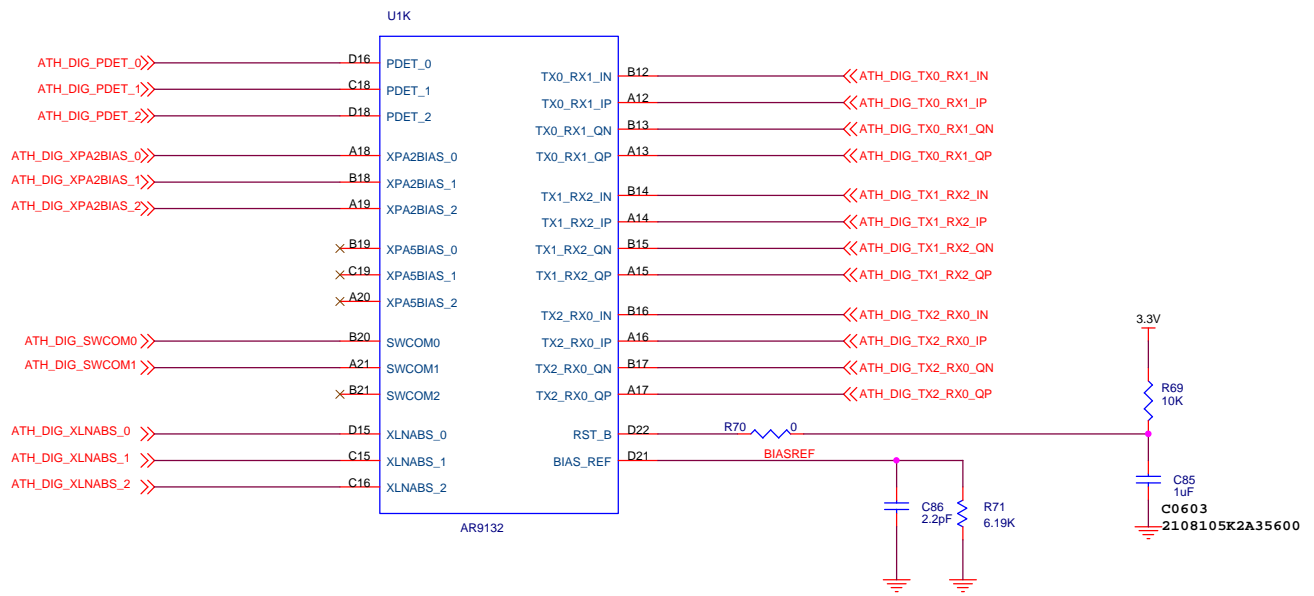
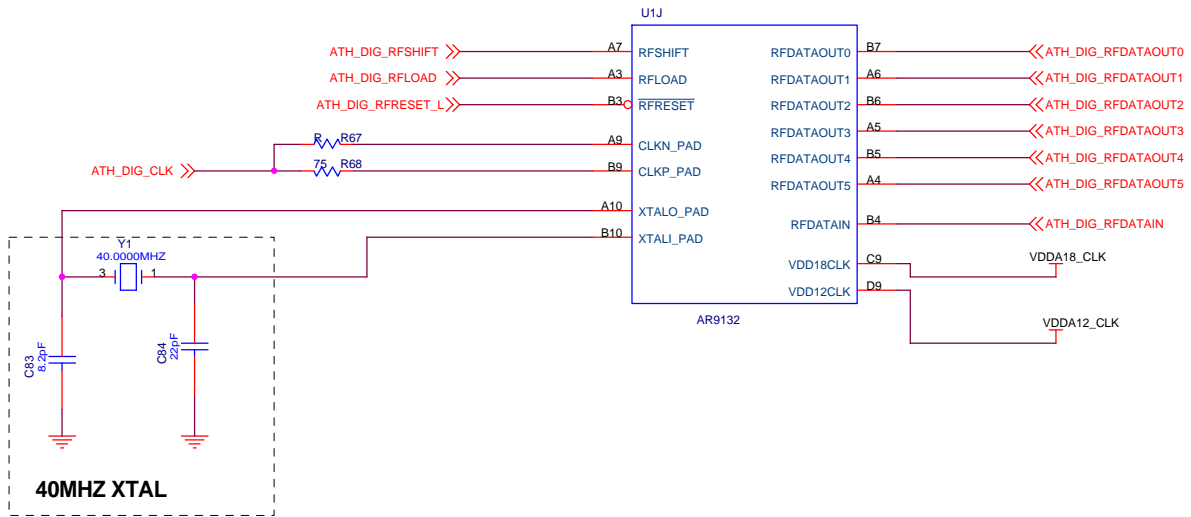
UART HEADER

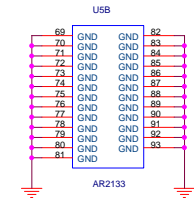
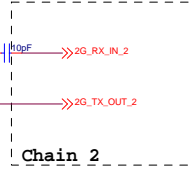
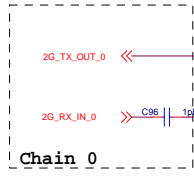
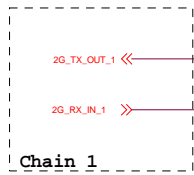


Using external RS232 driver/receiver

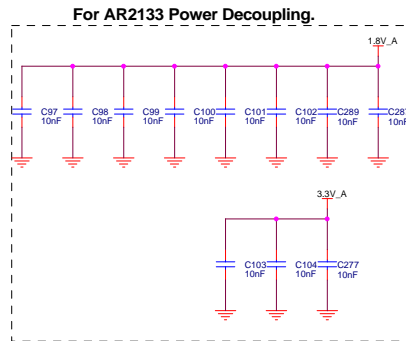
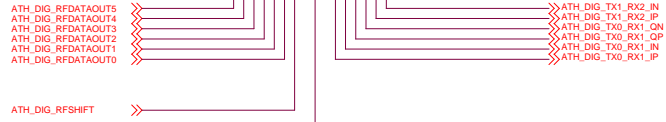








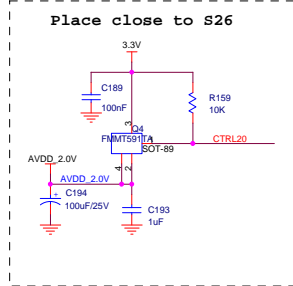
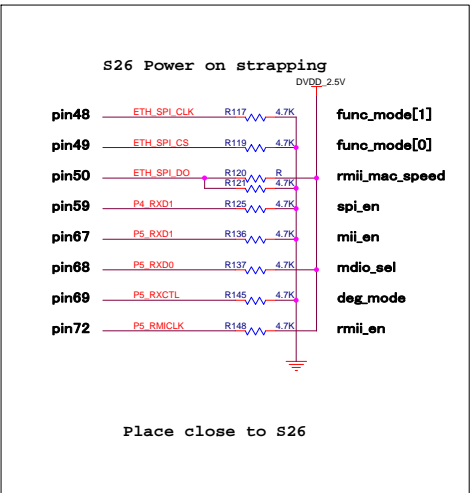
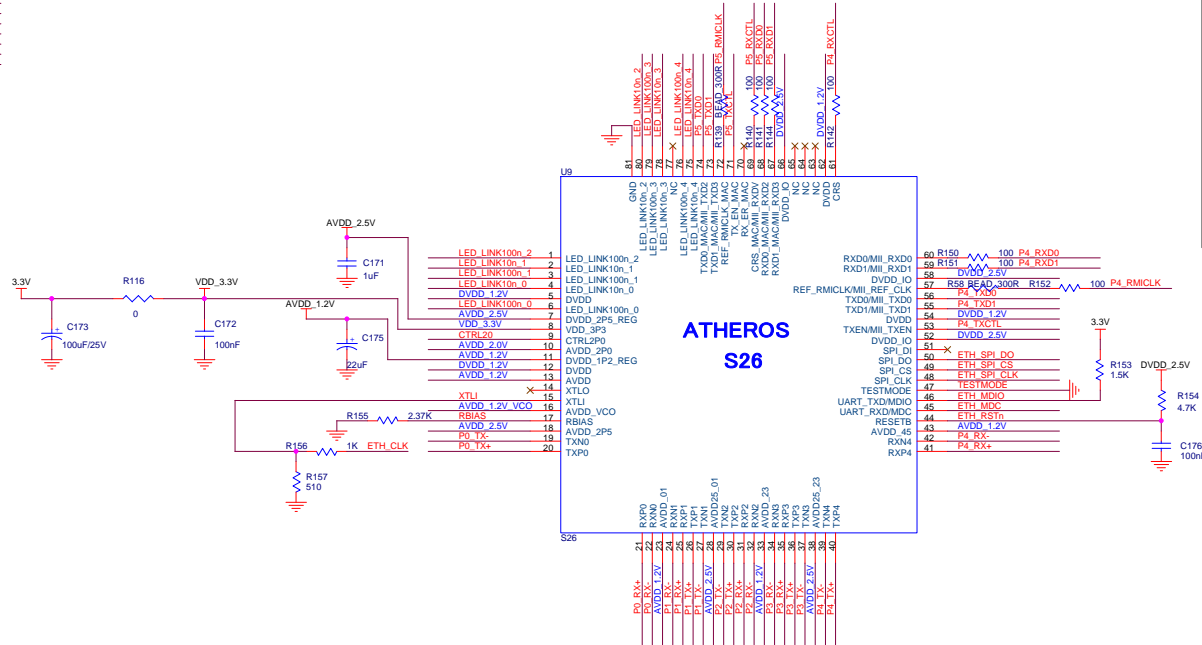
ATHEROS ANALOG CHIP



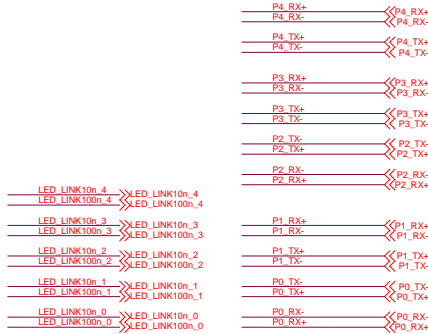
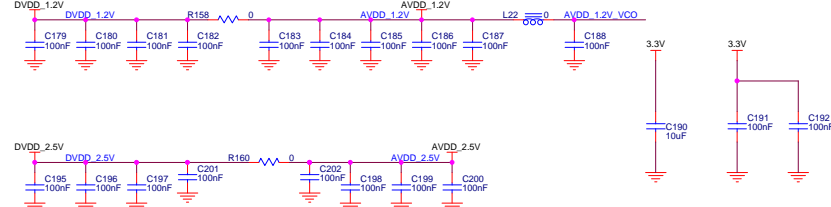
U1D

ETH_0	ABS_X
ETH_1	AA11_X
ETH_2	WB_X
ETH_3	WB_X
ETH_4	AA7_X R115 100 P5_TXCTL
ETH_5	AA3_X
ETH_6	WB_X
ETH_7	AA9_X
ETH_8	AA10
ETH_9	AA10
ETH_10	AA10_X
ETH_11	Y4_X
ETH_12	AA6_X
ETH_13	Y4_X
ETH_14	Y4_X
ETH_15	AA7_X
ETH_16	AA8_X R122 100 P5_TXD0
ETH_17	AA8_X R123 100 P5_TXD1
ETH_18	Y4_X
ETH_19	AA4_X
ETH_20	AA4_X R126 100 P4_TXD0
ETH_21	AA4_X R128 100 P4_TXD1
ETH_22	Y4_X R130 100 P4_TXCTL
ETH_23	AA5_X
ETH_24	AA2_X R132 100 ETH_CLK
ETH_25	AA12_X
ETH_26	AB11
ETH_27	AB12
ETH_28	WB_X
ETH_29	WB_X

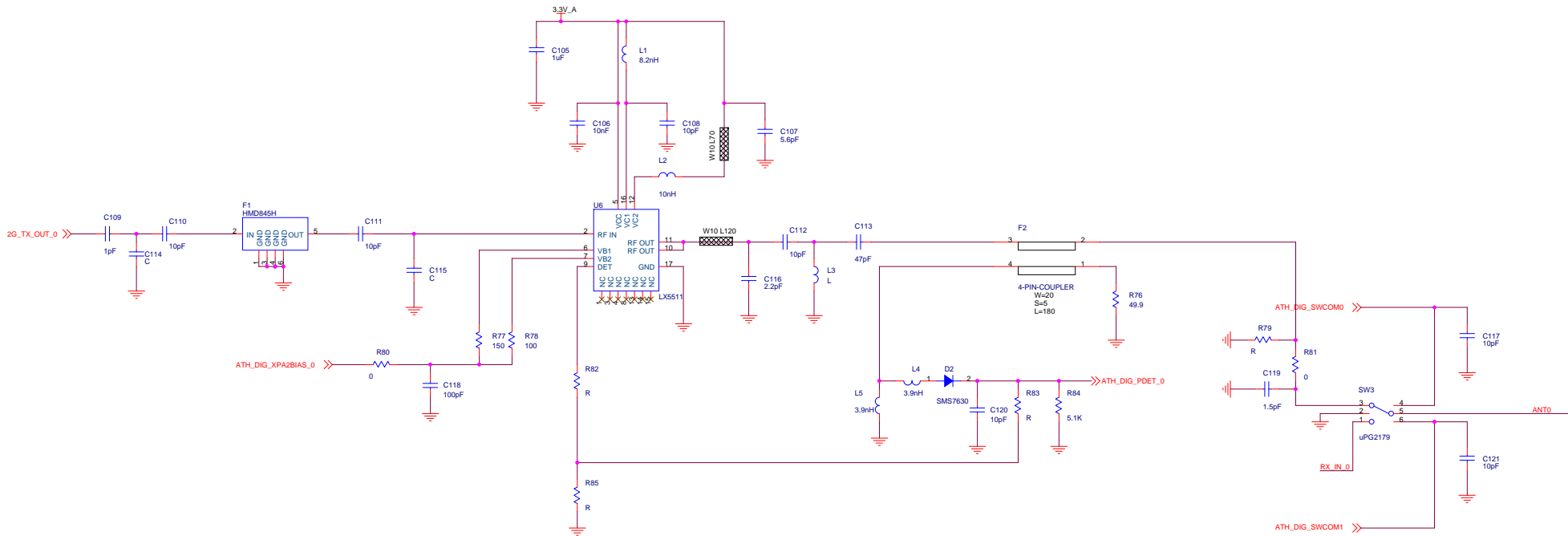
AR9132



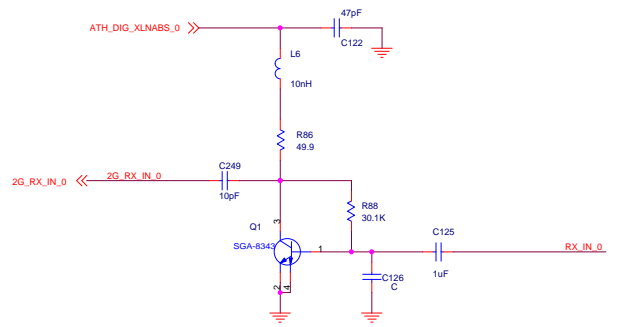
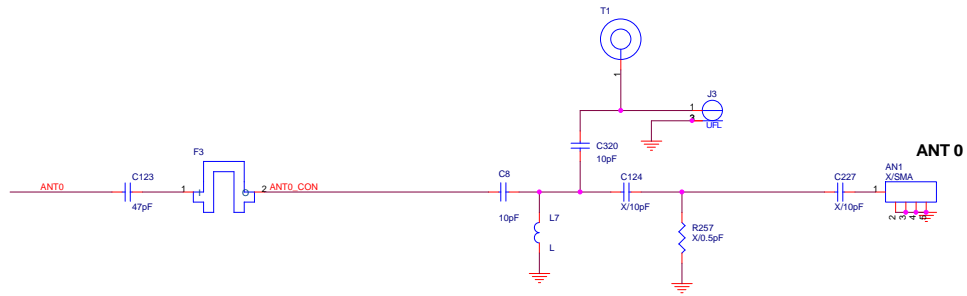
Decoupling



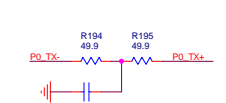
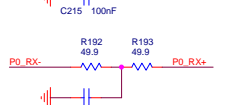
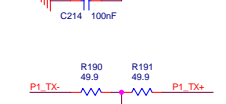
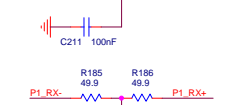
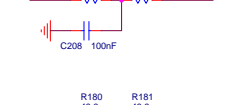
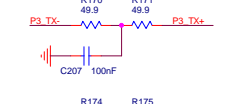
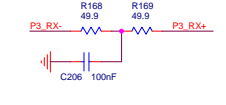
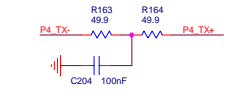
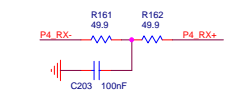
there is two RMI interface (PHY mode) to connect with AR9130, p4 is WAN part , p5 is LAN part.



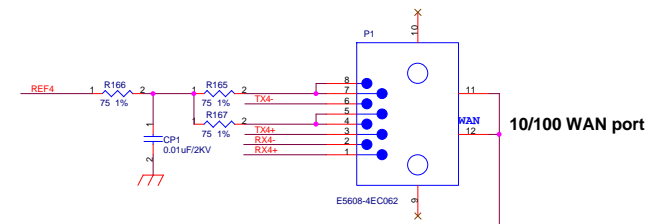
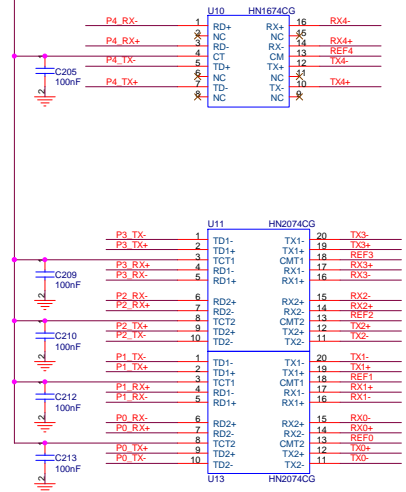
Bottom Test Point 1



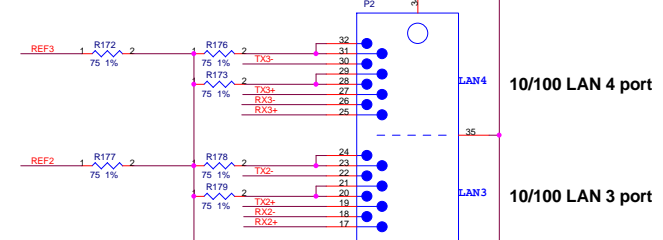
- P4_TX+ >>> P4_TX+
- P4_TX- >>> P4_TX-
- P4_RX+ >>> P4_RX+
- P4_RX- >>> P4_RX-
- P3_TX+ >>> P3_TX+
- P3_TX- >>> P3_TX-
- P3_RX+ >>> P3_RX+
- P3_RX- >>> P3_RX-
- P2_RX- >>> P2_RX-
- P2_RX+ >>> P2_RX+
- P2_TX- >>> P2_TX-
- P2_TX+ >>> P2_TX+
- P1_TX+ >>> P1_TX+
- P1_TX- >>> P1_TX-
- P1_RX+ >>> P1_RX+
- P1_RX- >>> P1_RX-
- P0_RX- >>> P0_RX-
- P0_RX+ >>> P0_RX+
- P0_TX- >>> P0_TX-
- P0_TX+ >>> P0_TX+



AVDD_2.0VTT



10/100 WAN port

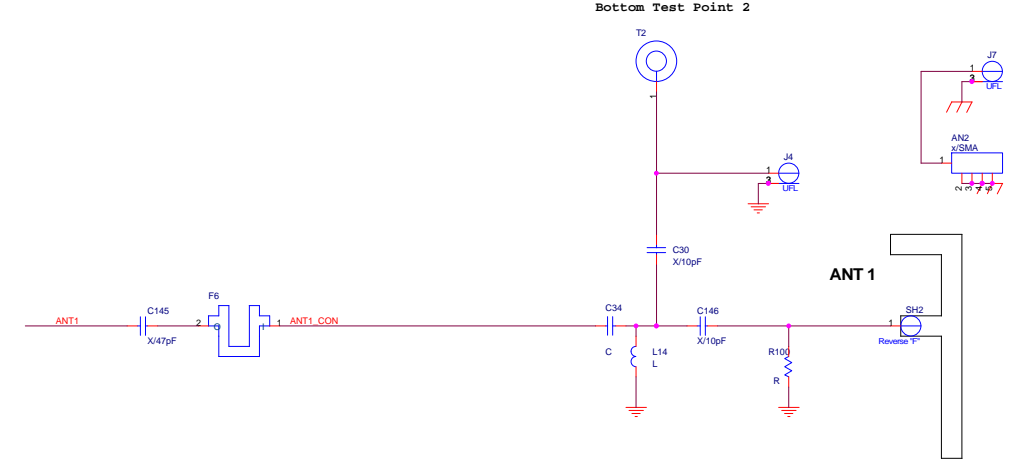
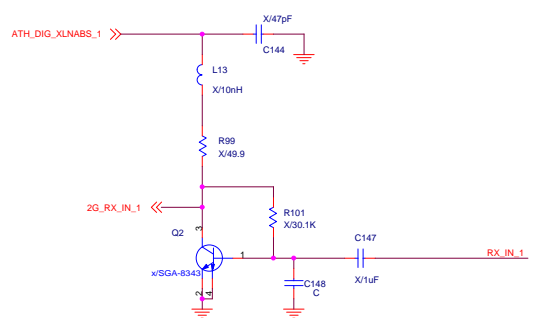
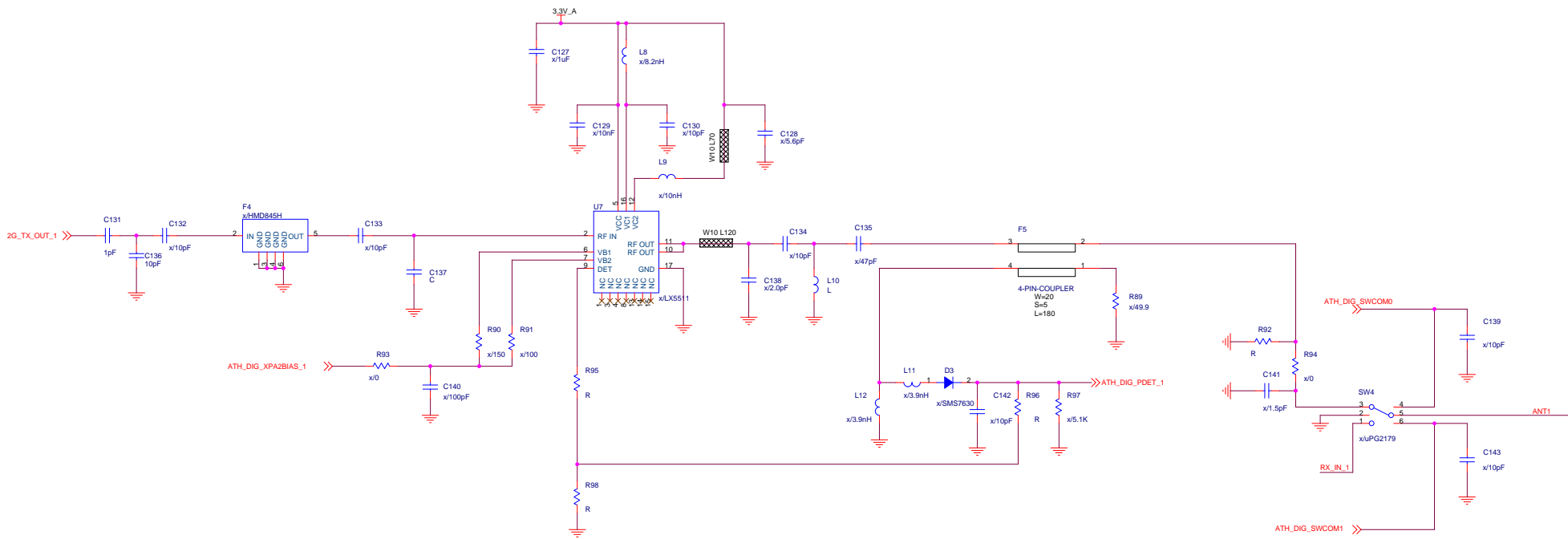


10/100 LAN 4 port

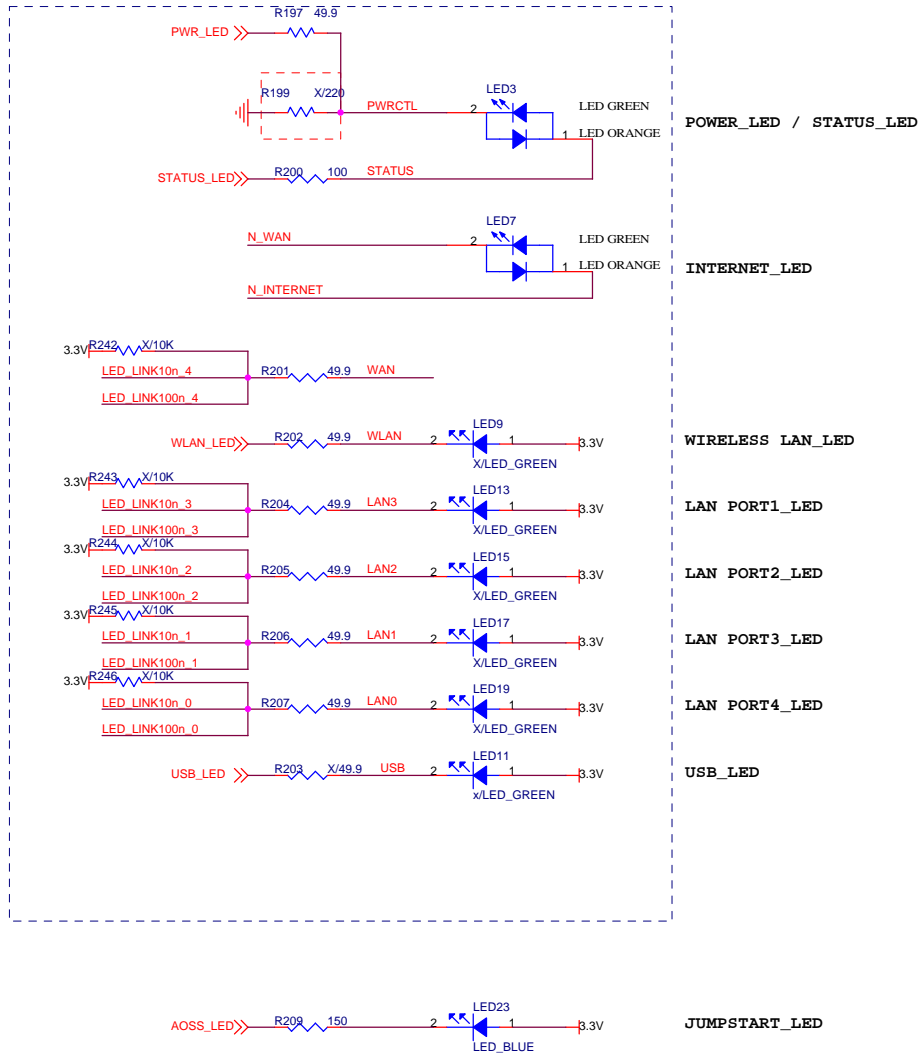
10/100 LAN 3 port

10/100 LAN 2 port

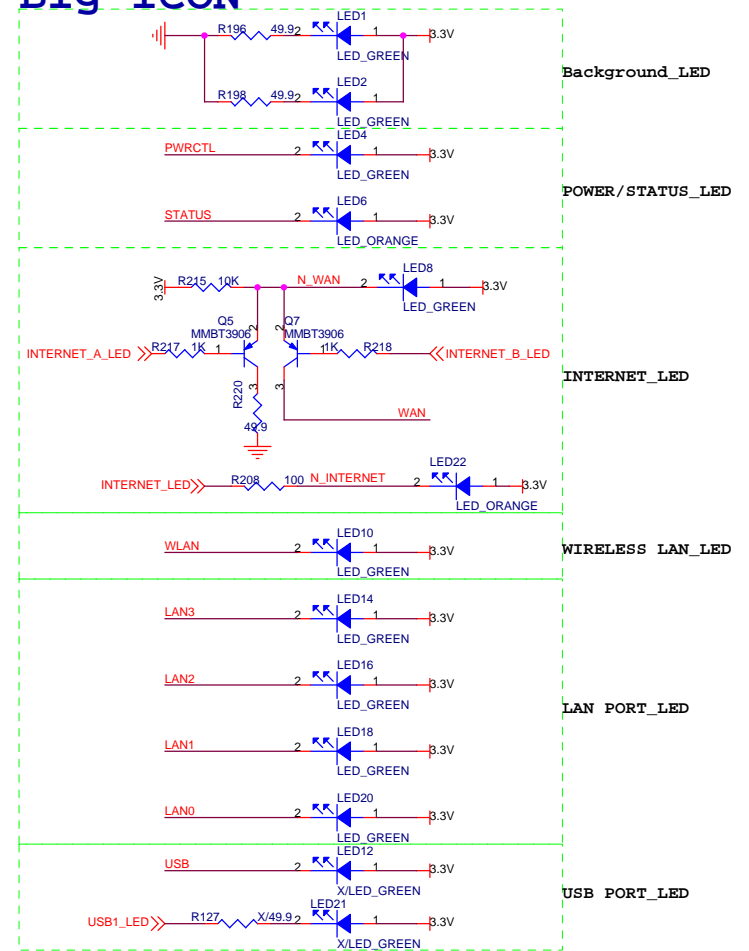
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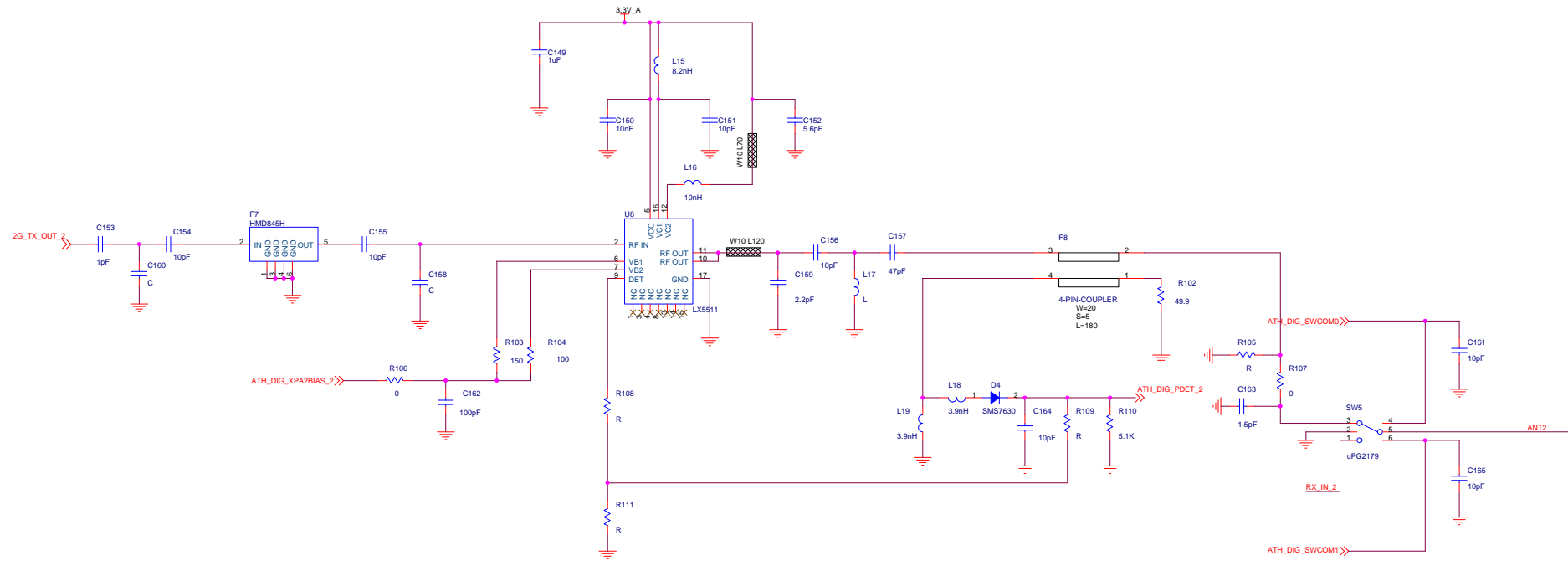


Normal ICON for Mechanic

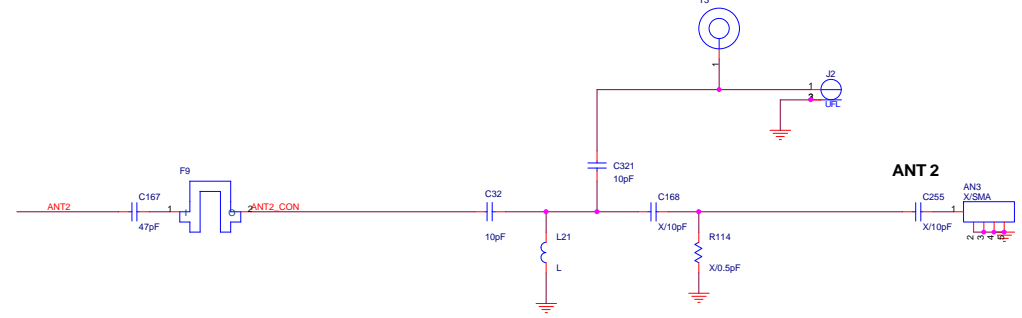
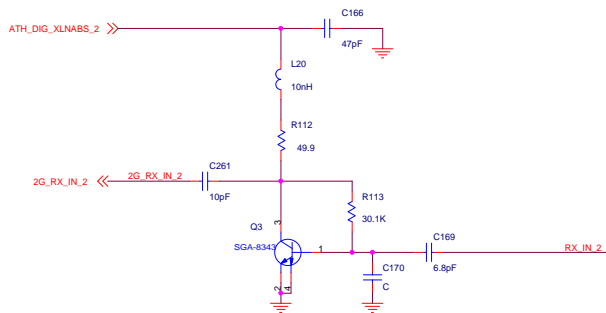


Big ICON



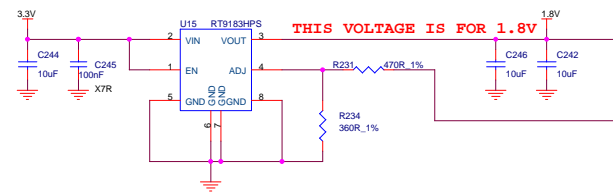
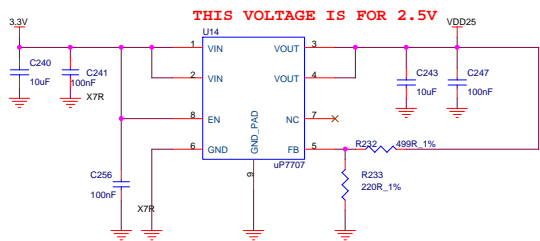
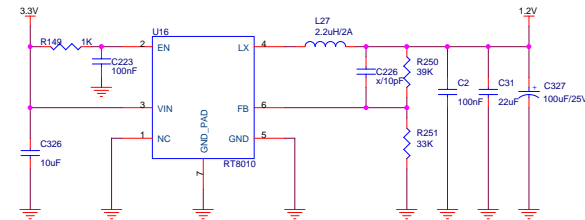
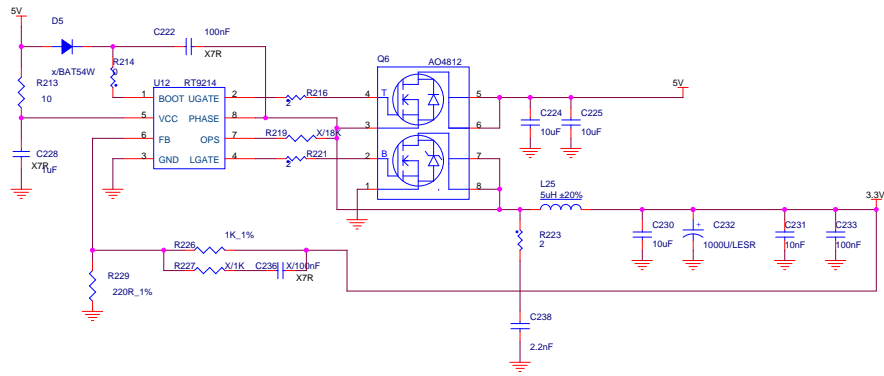
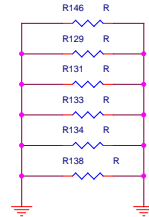
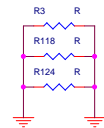
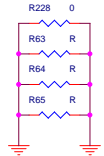
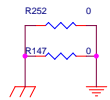
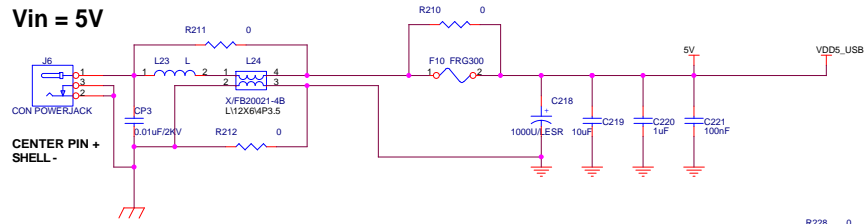


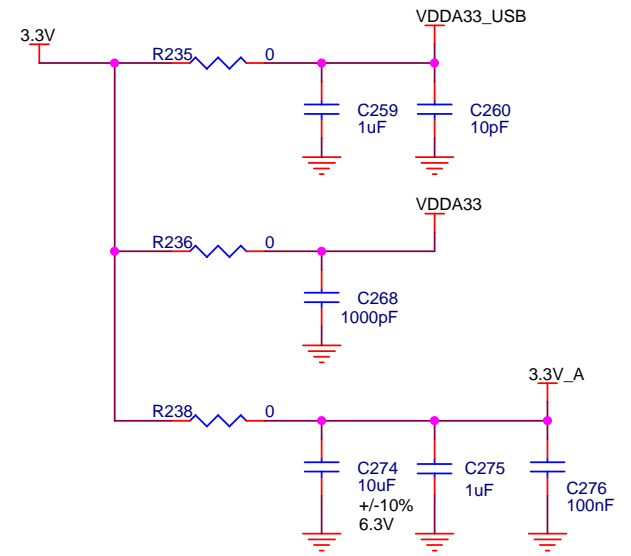
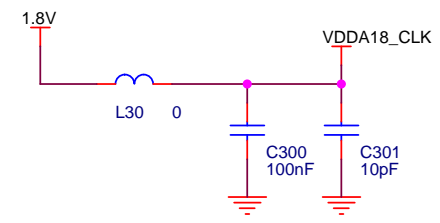
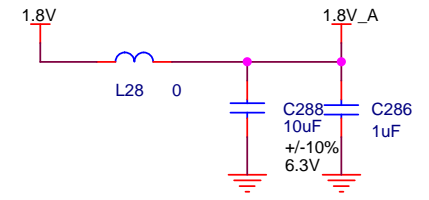
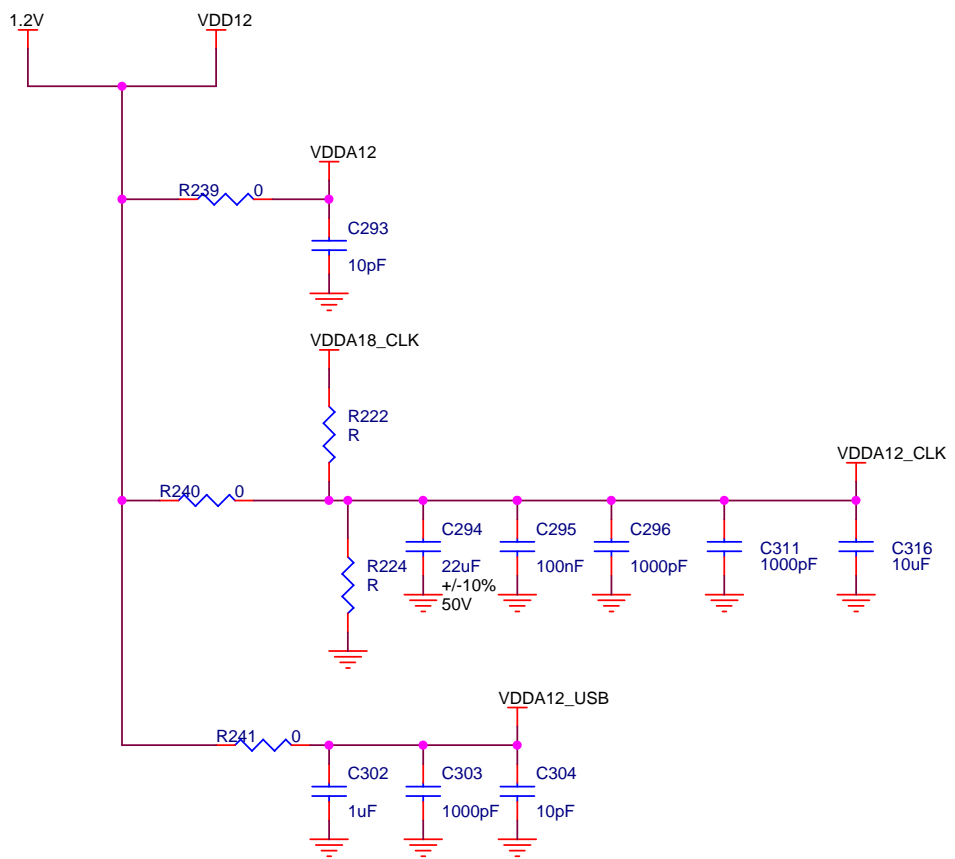
Bottom Test Point 3



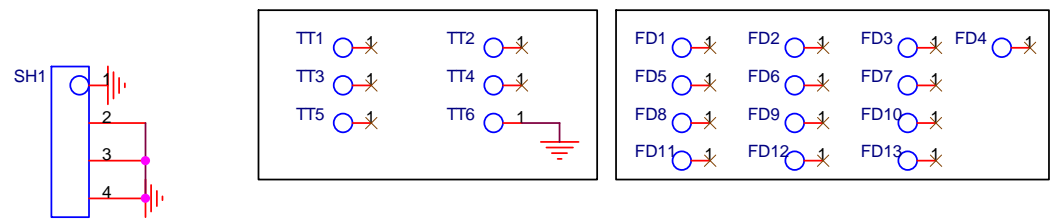
Radio Front End 2G Chain2

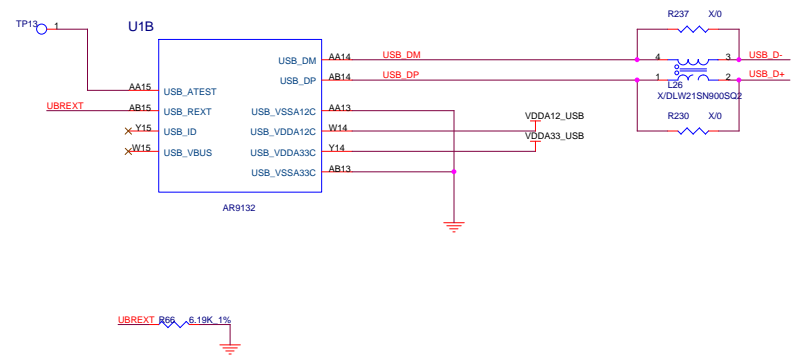
Vin = 5V





FIDUCIALS





USB PORT SUPPORTS ONLY HOST MODE

