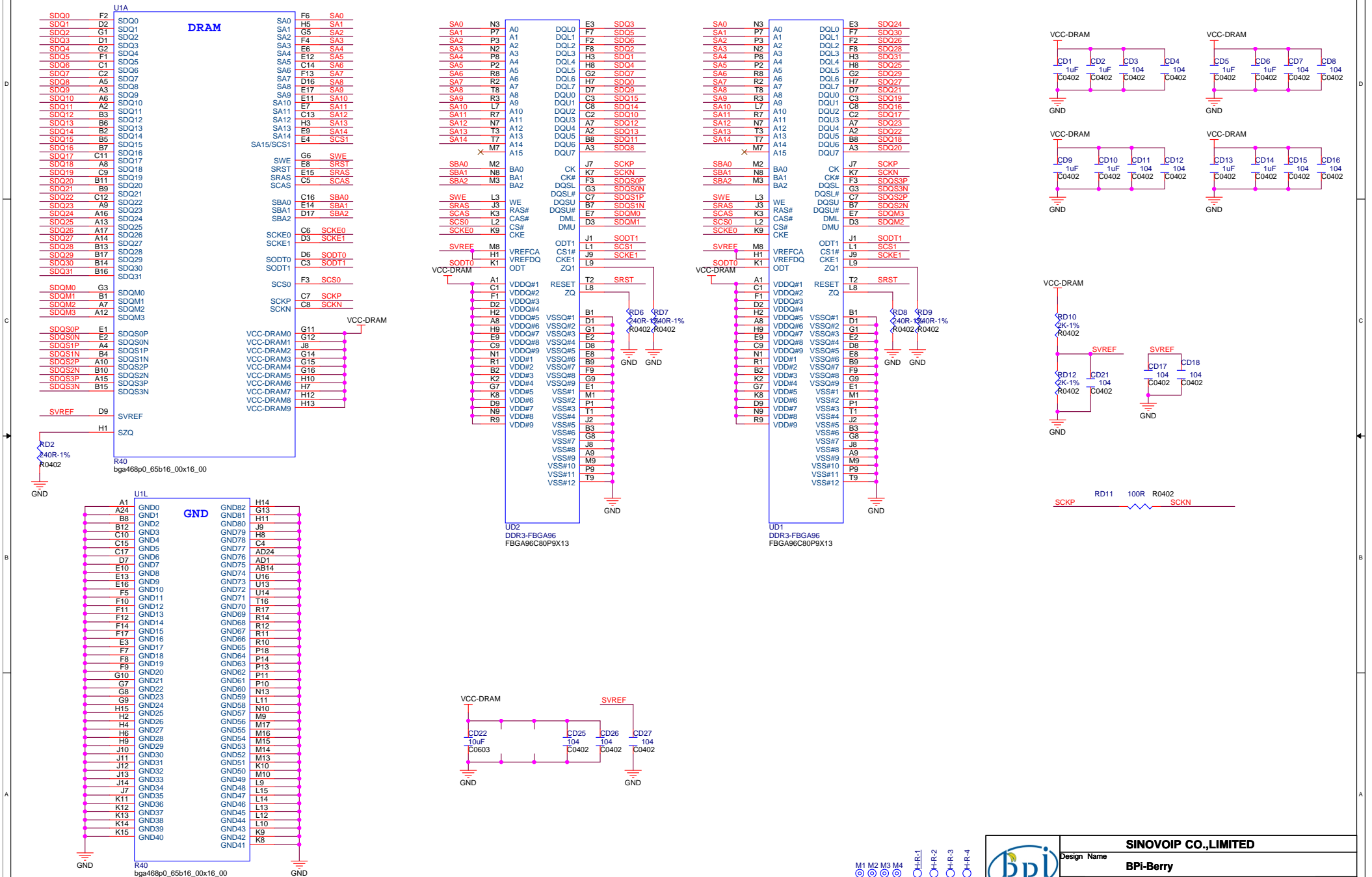
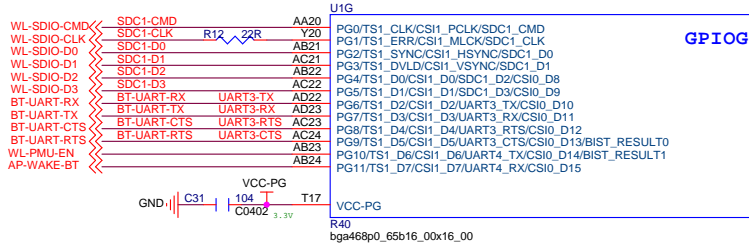
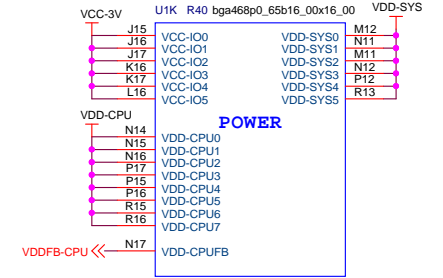
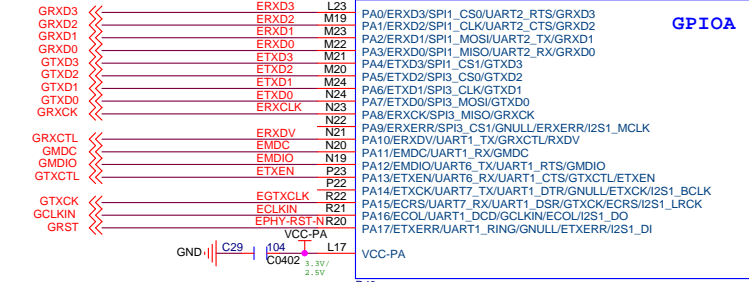
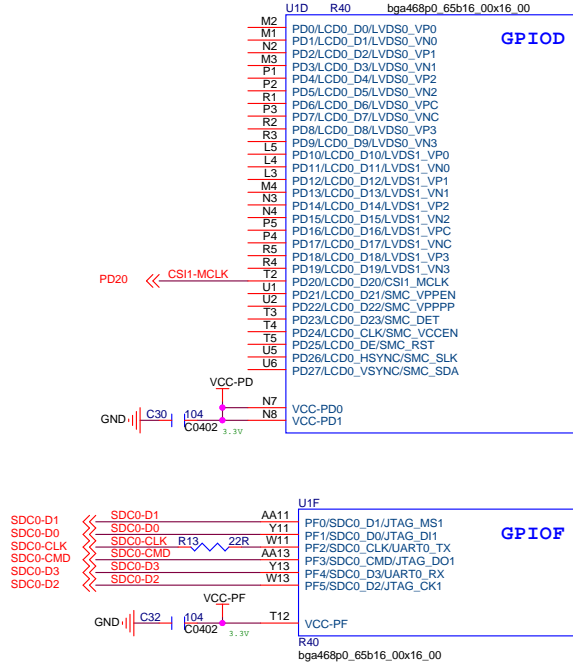
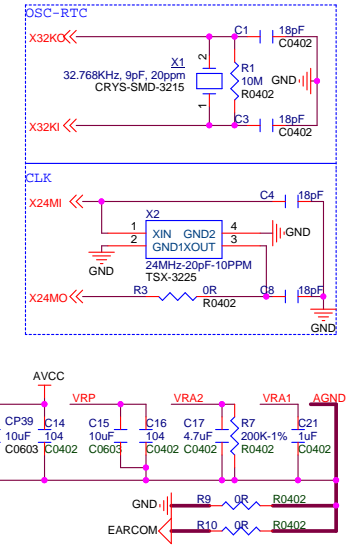
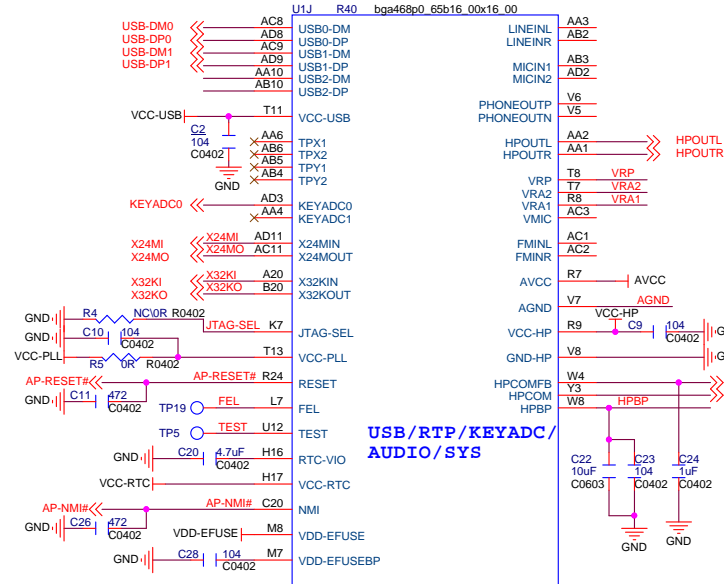
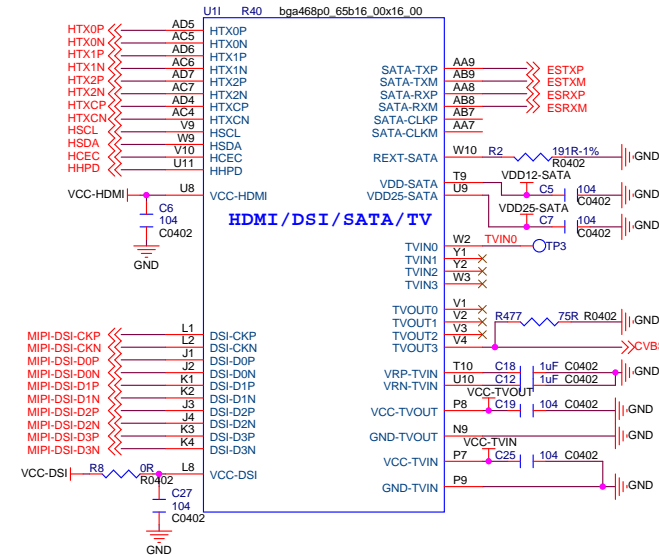


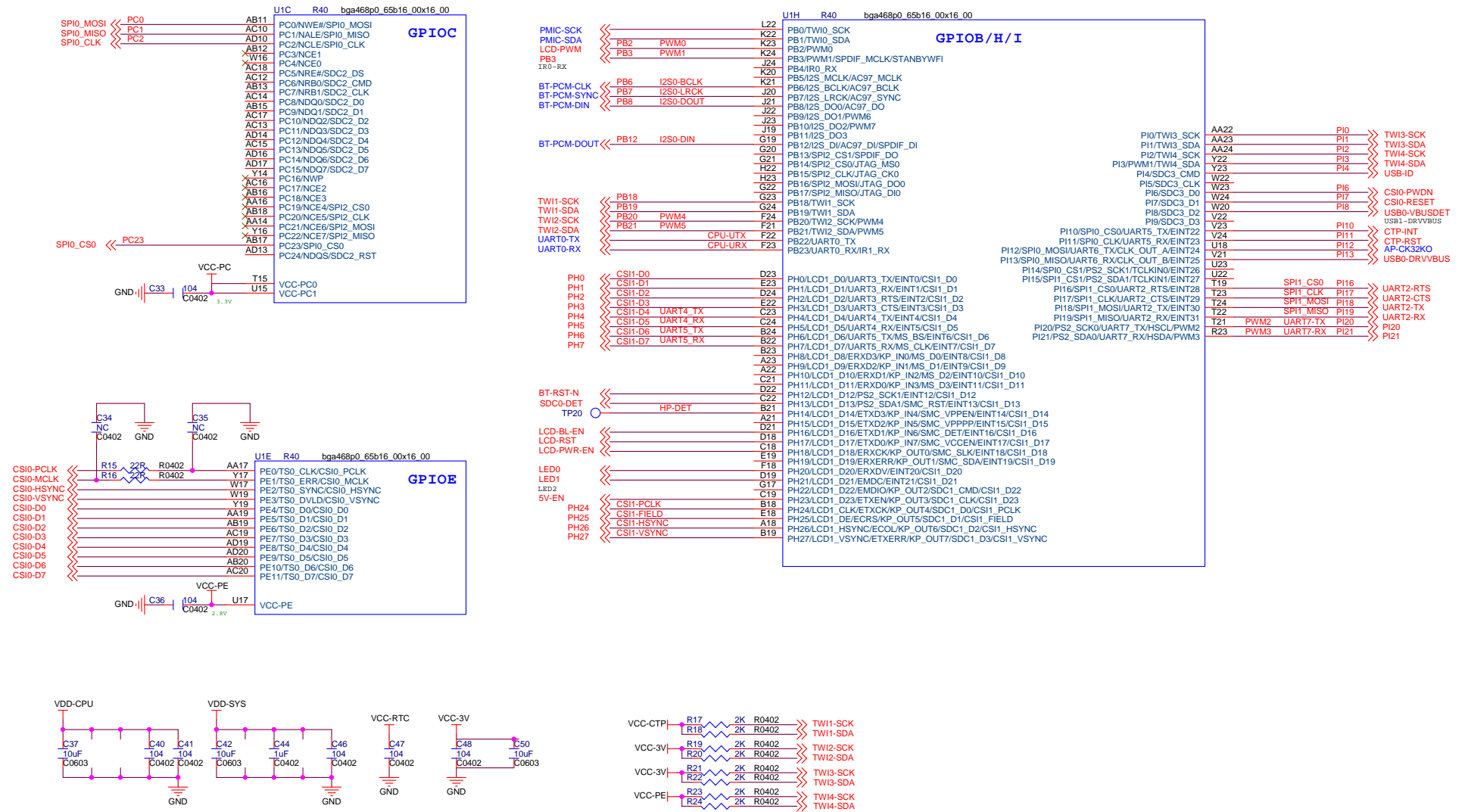
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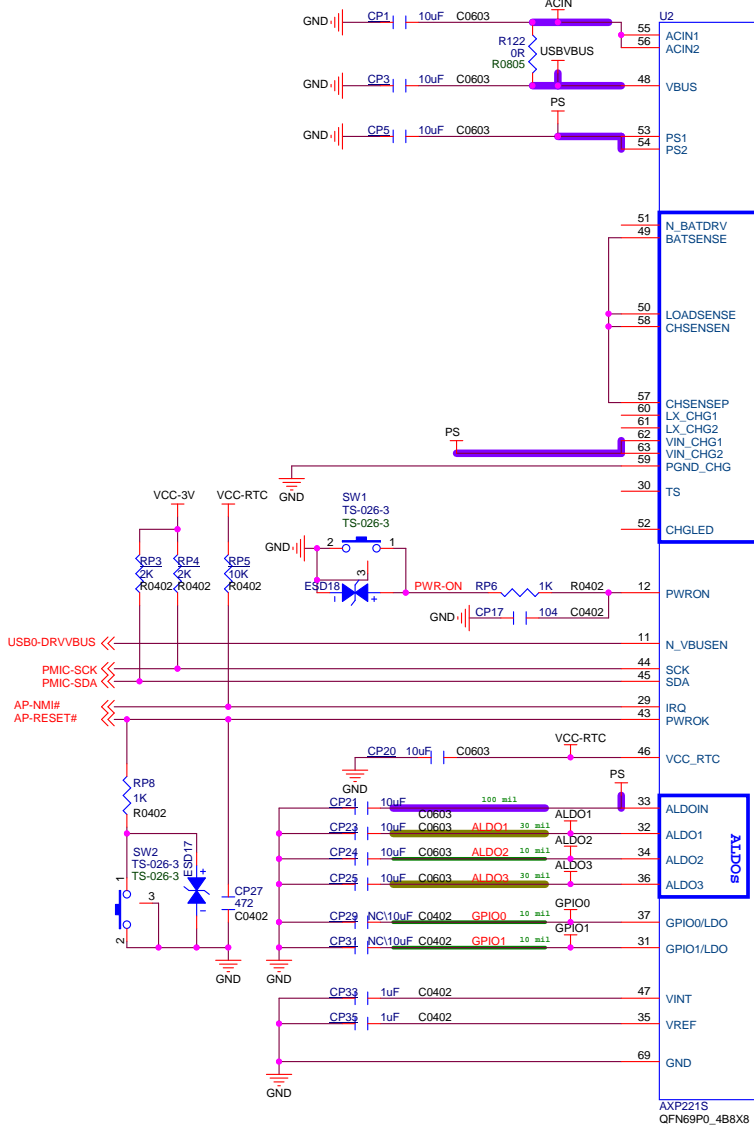
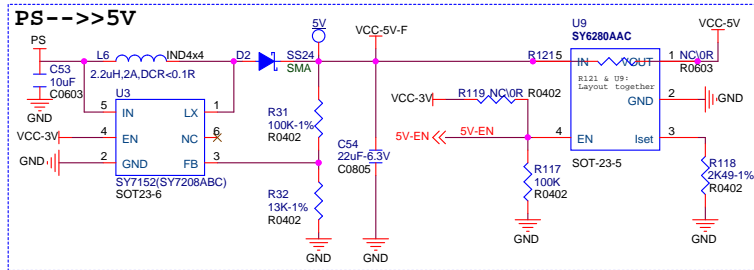
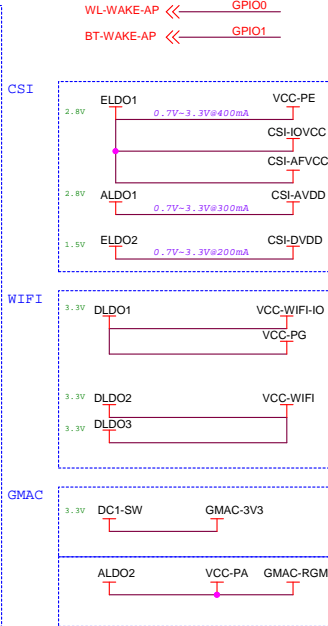
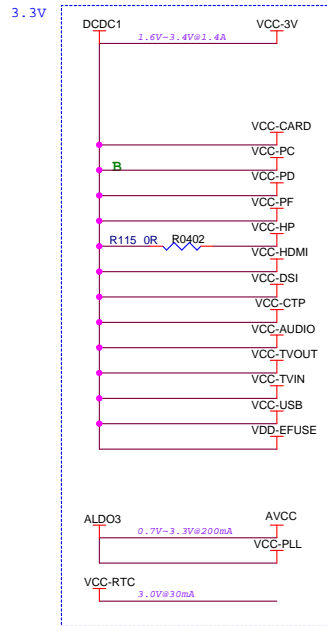
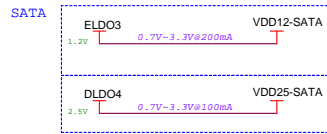
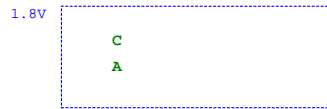
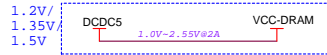
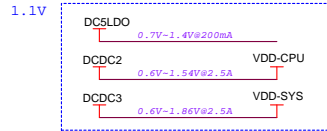
CPU1




CPU2



PMIC



 http://www.banana-pi.com	SINOVOIP CO.,LIMITED						
	Design Name		BPI-Berry				
	Size	Page Name					Rev
	A3	PMIC					V1.0
	Date:		Tuesday, August 22, 2017		Sheet	4	of 15

MicroSD/SATA/Camera

SDC0-D1
SDC0-D0
SDC0-CLK
SDC0-CMD
SDC0-D3
SDC0-D2
SDC0-DET
VCC-CARD

VCC-CARD VCC-SD VCC-CARD

R36 10K R0402 R37 10K R0402 C58 104 C0402 C90 10uF C0603 R35 0R R0402

SDC0-D2 SDC0-D3 SDC0-CMD SDC0-CLK SDC0-D0 SDC0-D1 SDC0-DET

C60 27pF C0402

1 2 3 4 5 6 7 8 9

DAT2 DAT3/CD CMD VDD CLK VSS DAT0 DAT1 DAT4 GND3 GND2 GND1 CD

13 12 11 10

GND

ESD23 ESD24 ESD25 ESD19 ESD21 ESD20 ESD22

GND GND GND GND GND GND GND

ESTXP ESTXM SATATXP SATATXN SATARXN SATARXP ACIN

CN3 TF-09P-H1.85 microSD-9p-a

C55 C56 C57 C59 C0402 C0402 C0402 C0402

1 2 3 4 5 6 7

GND

SATA127-7PW-V SATA127-7PW-V

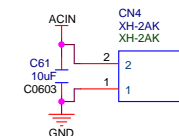
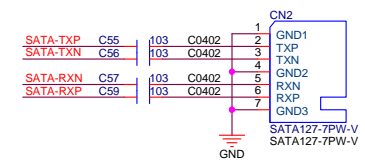
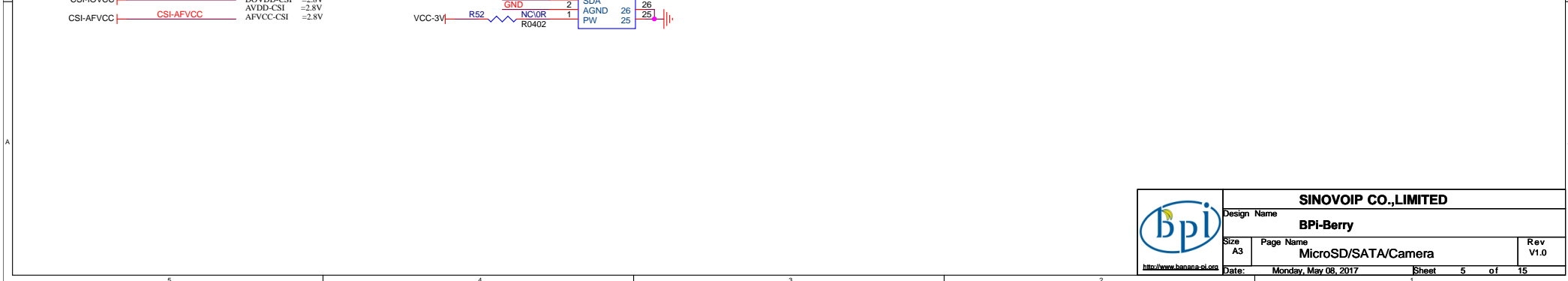
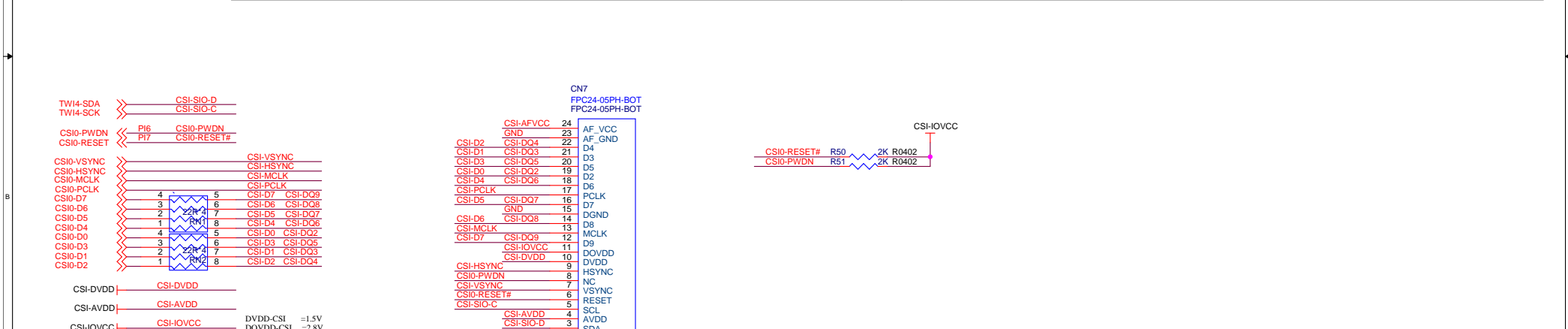
ACIN

CN4 XH-2AK XH-2AK

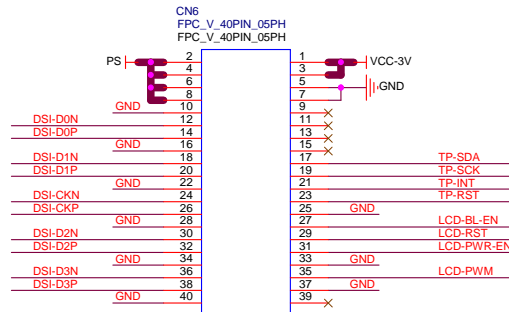
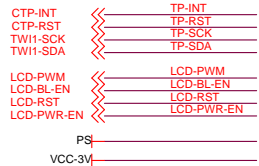
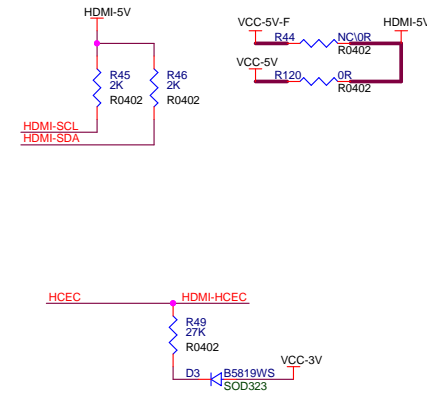
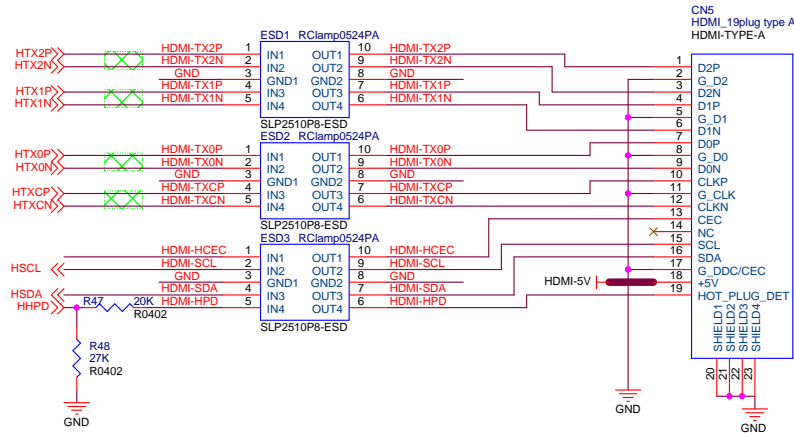
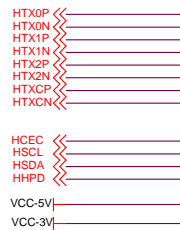
C61 10uF C0603

2 1

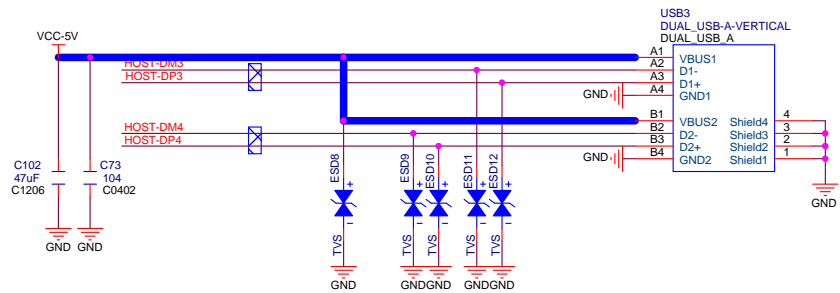
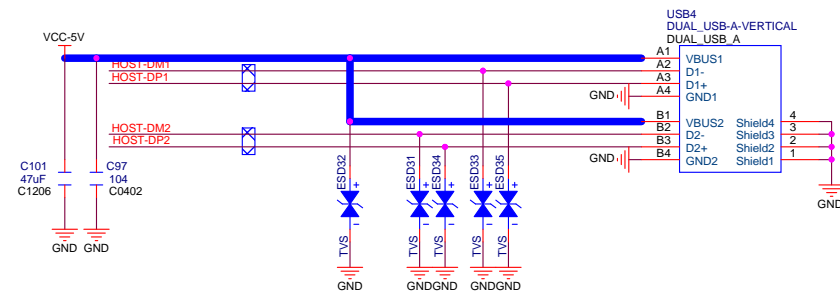
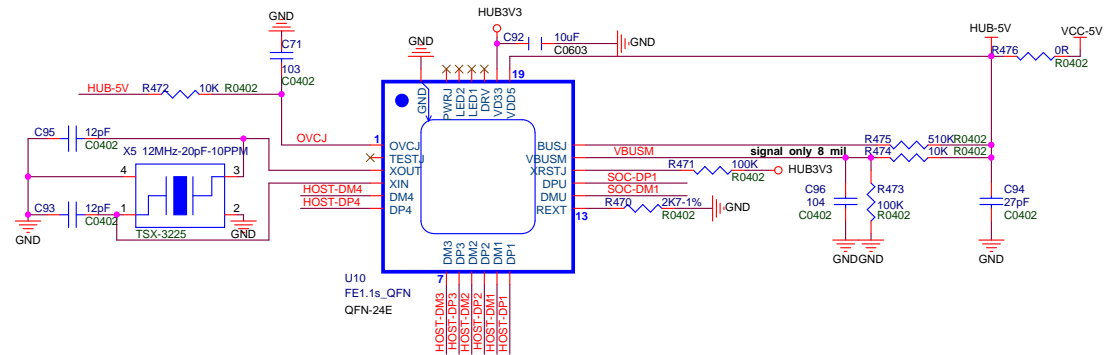
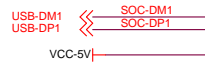
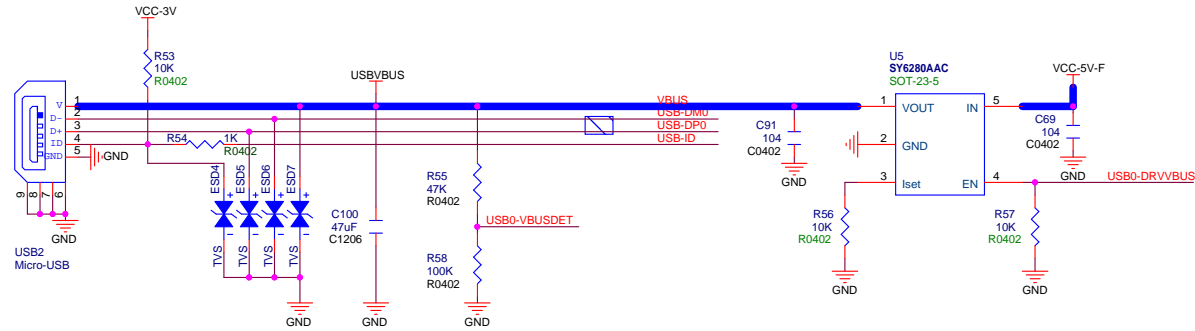
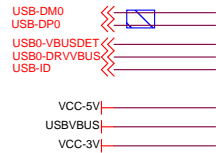
GND



HDMI-MIPI_DSI



USB



WIFI+BT

WL-SDIO-CLK
WL-SDIO-CMD
WL-SDIO-D0
WL-SDIO-D1
WL-SDIO-D2
WL-SDIO-D3

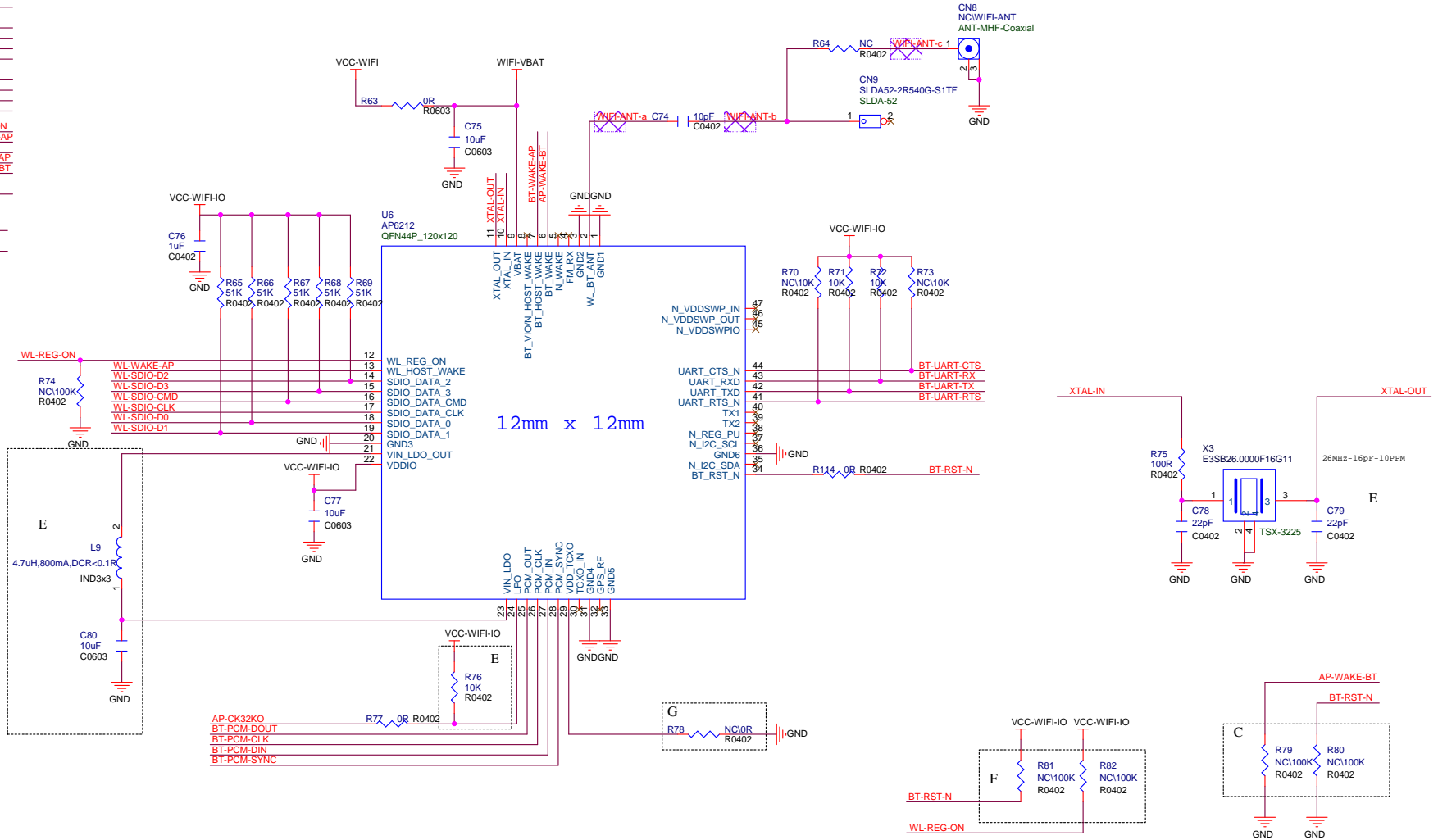
BT-UART-RX
BT-UART-TX
BT-UART-CTS
BT-UART-RTS

BT-PCM-SYNC
BT-PCM-CLK
BT-PCM-DIN
BT-PCM-DOUT

WL-REG-ON
WL-WAKE-AP
BT-RST-N
BT-WAKE-AP
AP-WAKE-BT

AP-CK32K0 << AP-CK32K0

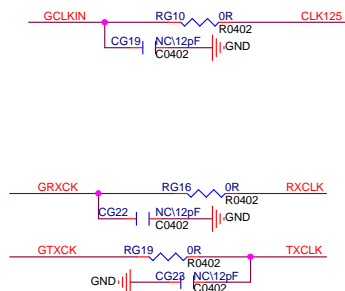
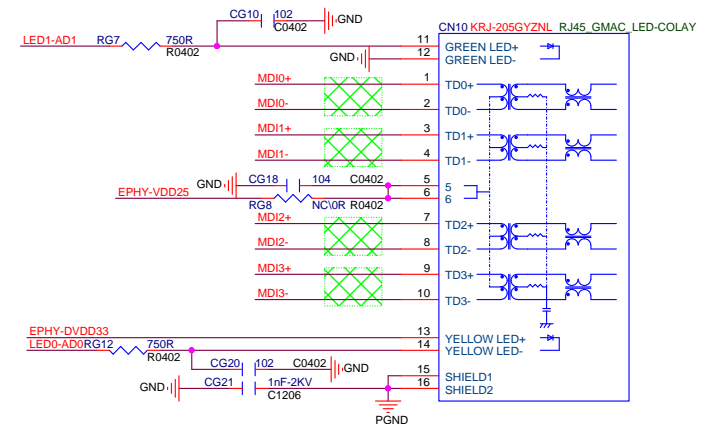
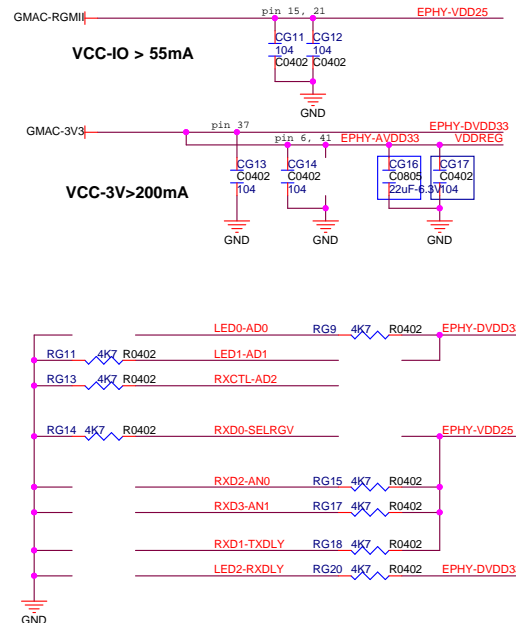
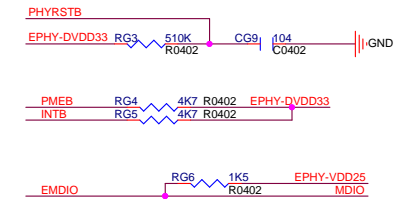
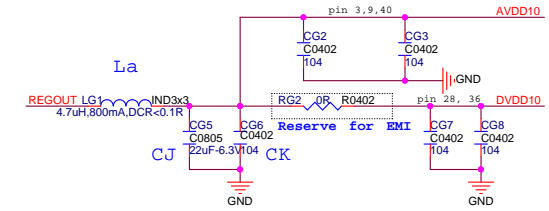
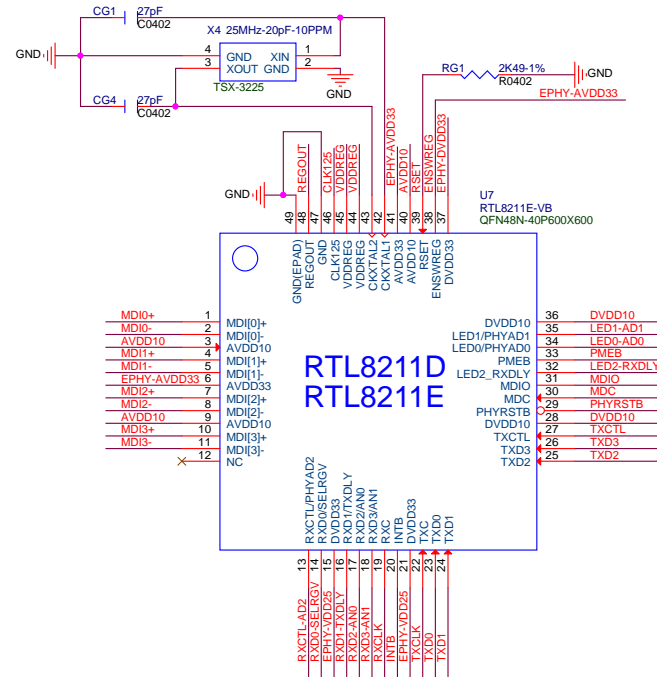
VCC-WIFI
VCC-WIFI-IO



GMAC

10/100/1000 RGMII Ethernet PHY

EMAC-M1/GMAC-M1		GMAC-RGM1
GTXD3	ETXD3	TXD3
GTXD2	ETXD2	TXD2
GTXD1	ETXD1	TXD1
GTXD0	ETXD0	TXD0
GTXCTL	ETXEN	TXCTL
GTXCK	ECRS	GTXCK
GRXD3	ERXD3	RXD3-AN1
GRXD2	ERXD2	RXD2-AN0
GRXD1	ERXD1	RXD1-TXDLY
GRXD0	ERXD0	RXD0-SELRGV
GRXCTL	ERXDV	RXCTL-AD2
GRXCK	ERXCK	GRXCK
GCLKIN	ECOL	GCLKIN
GMDIO	EMDC	MDC
GMDIO	EMDIO	GMDIO
GRST		PHYRSTB
GMAC-3V3		
GMAC-RGMII		



GPIO-LED-Audio

