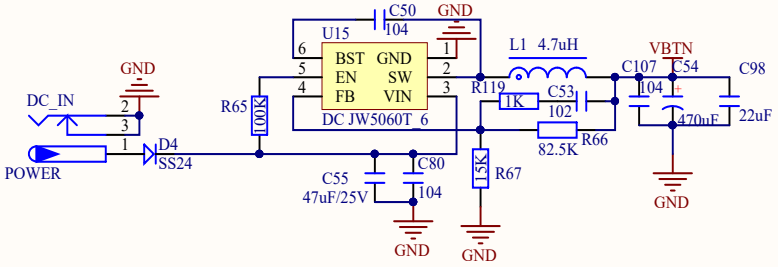
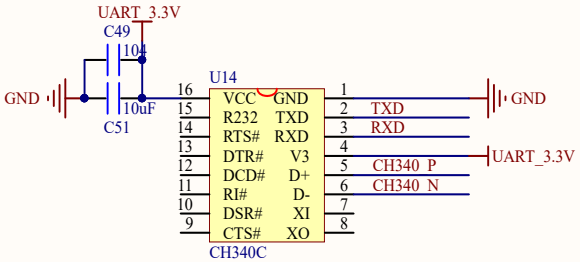
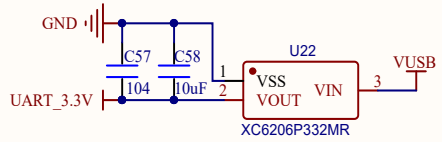
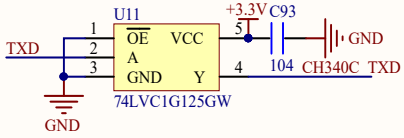
DC-DC POWER IN

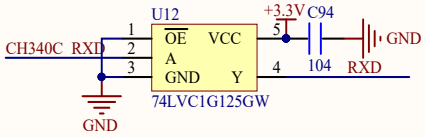


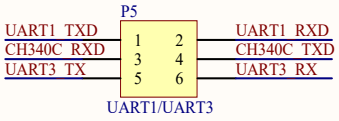
USB UART&USB POWER

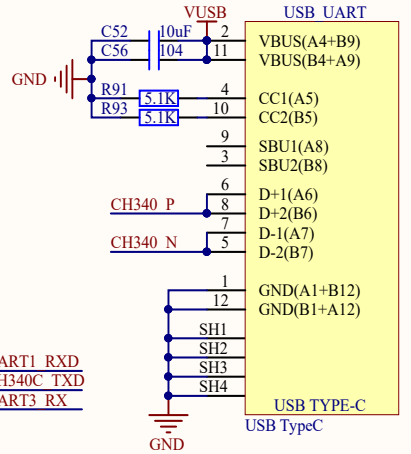




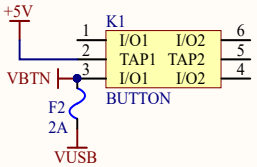


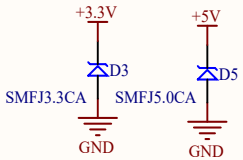




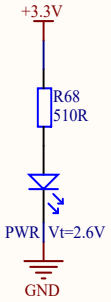


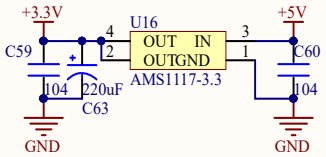
POWER SWITCH

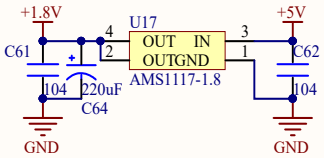




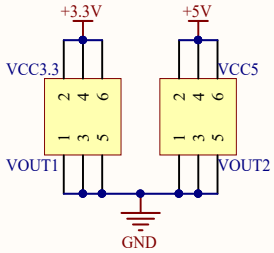
1.8V/3.3V POWER







POWER SOURCE ON BOARD



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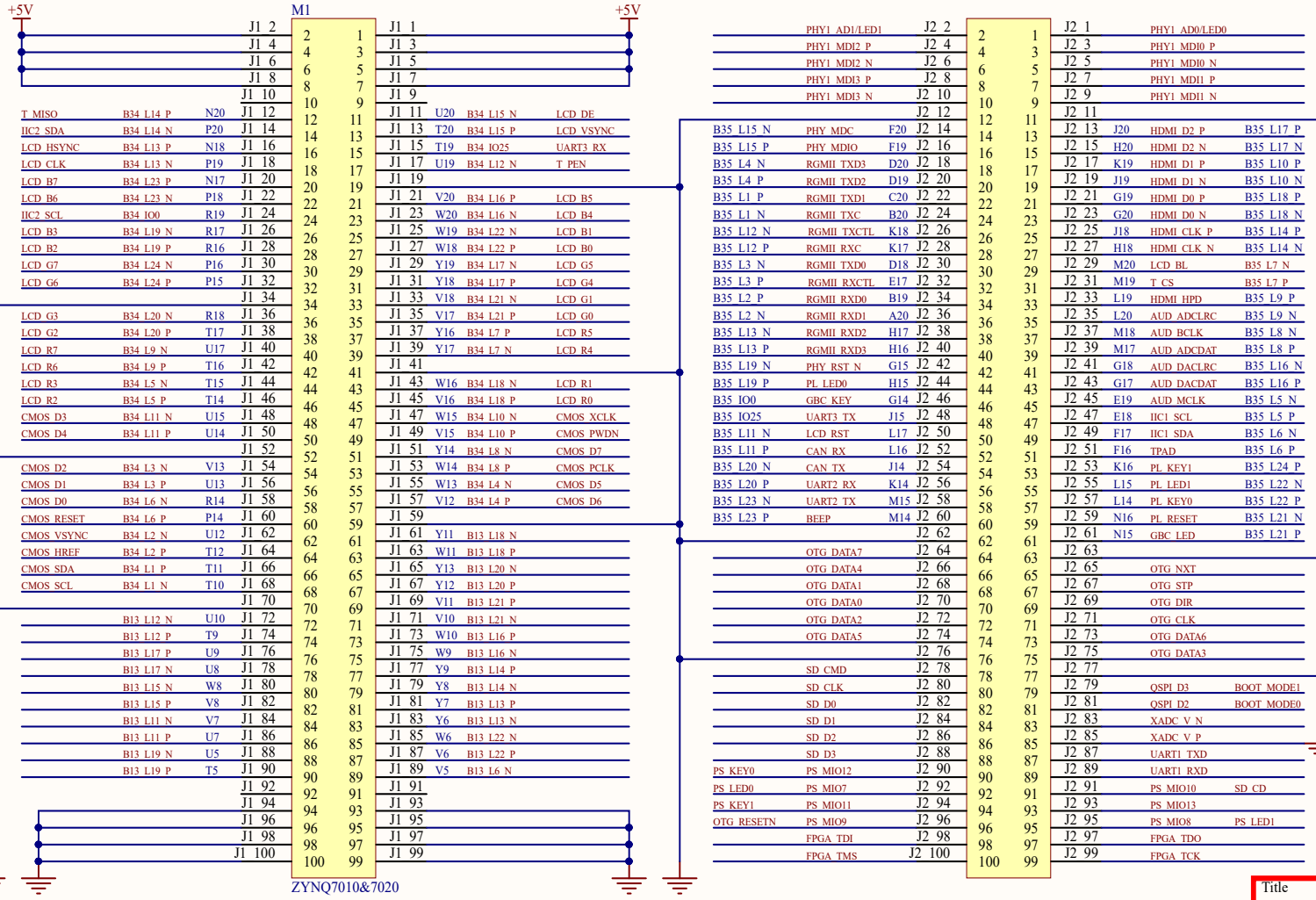
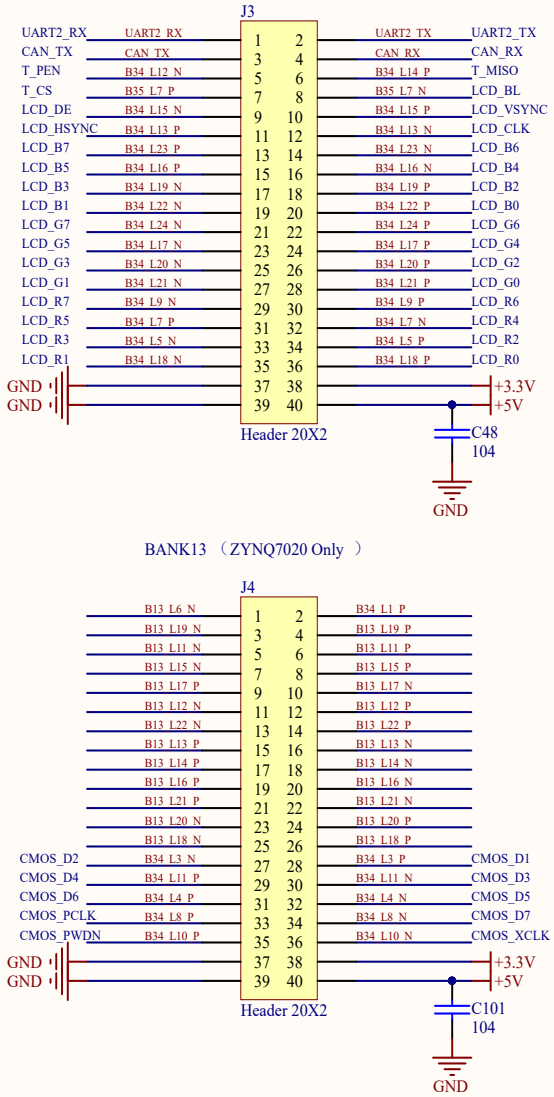
CORE_IO



EXT_IO



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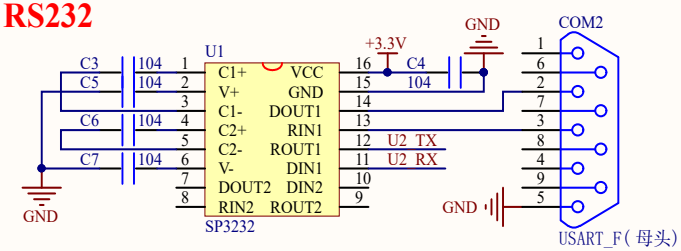
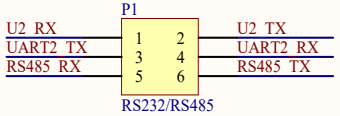
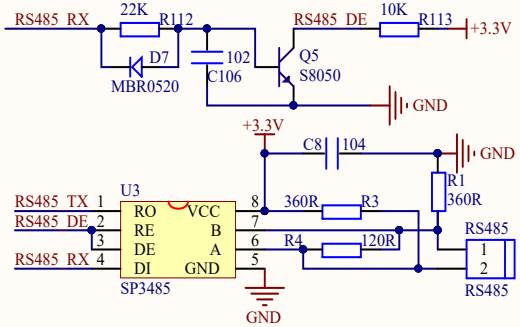
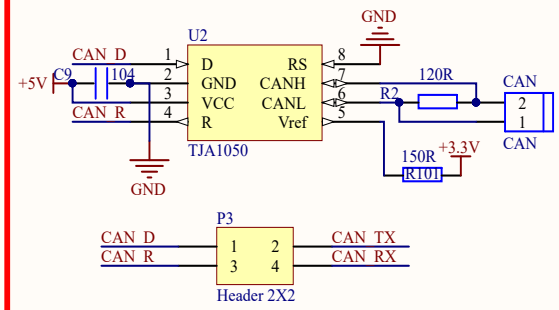




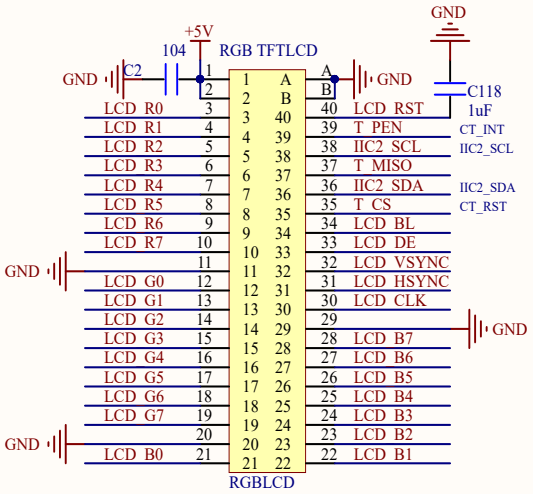
RS485



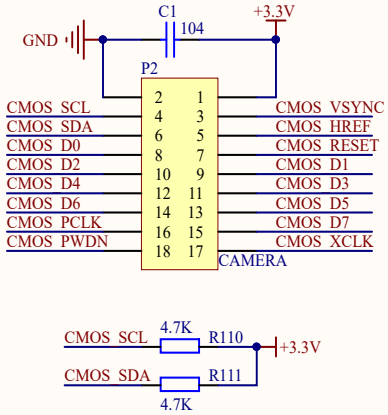
CAN



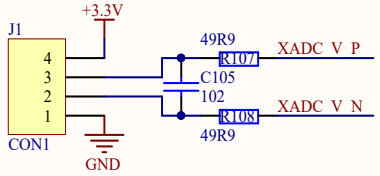
RGB LCD



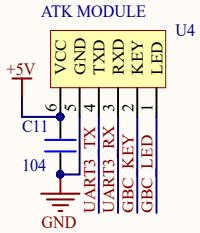
OLED&CAMERA



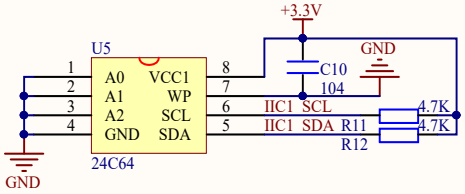
XADC



ATK MODULE



EEPROM



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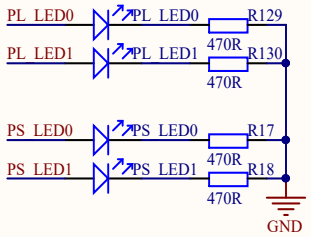

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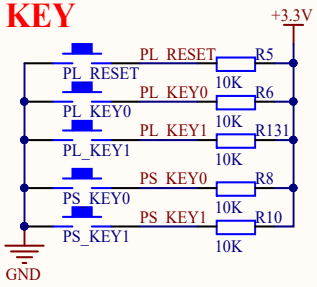
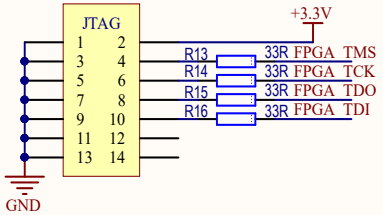


JTAG



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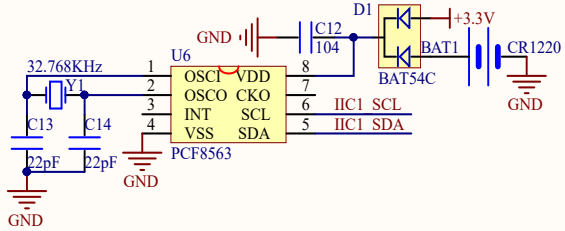
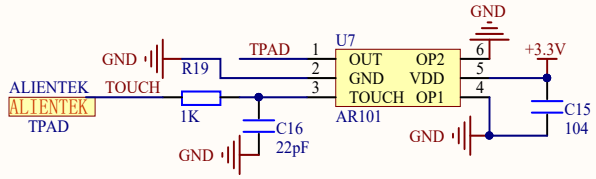
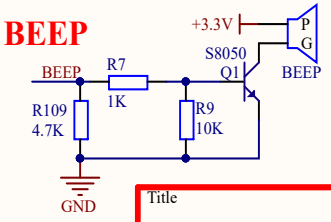


TOUCH KEY



BEEP



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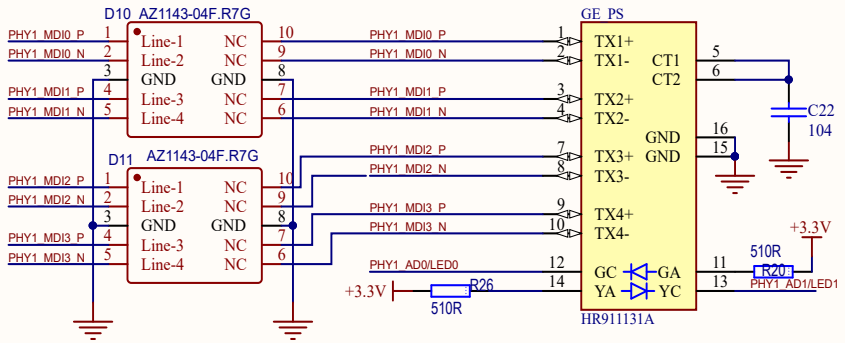
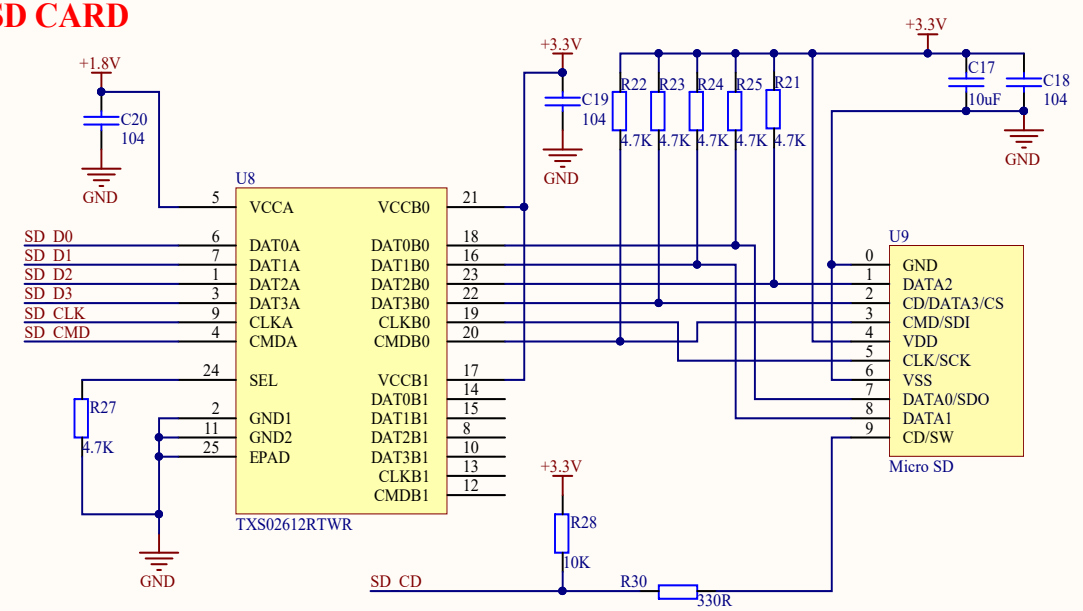
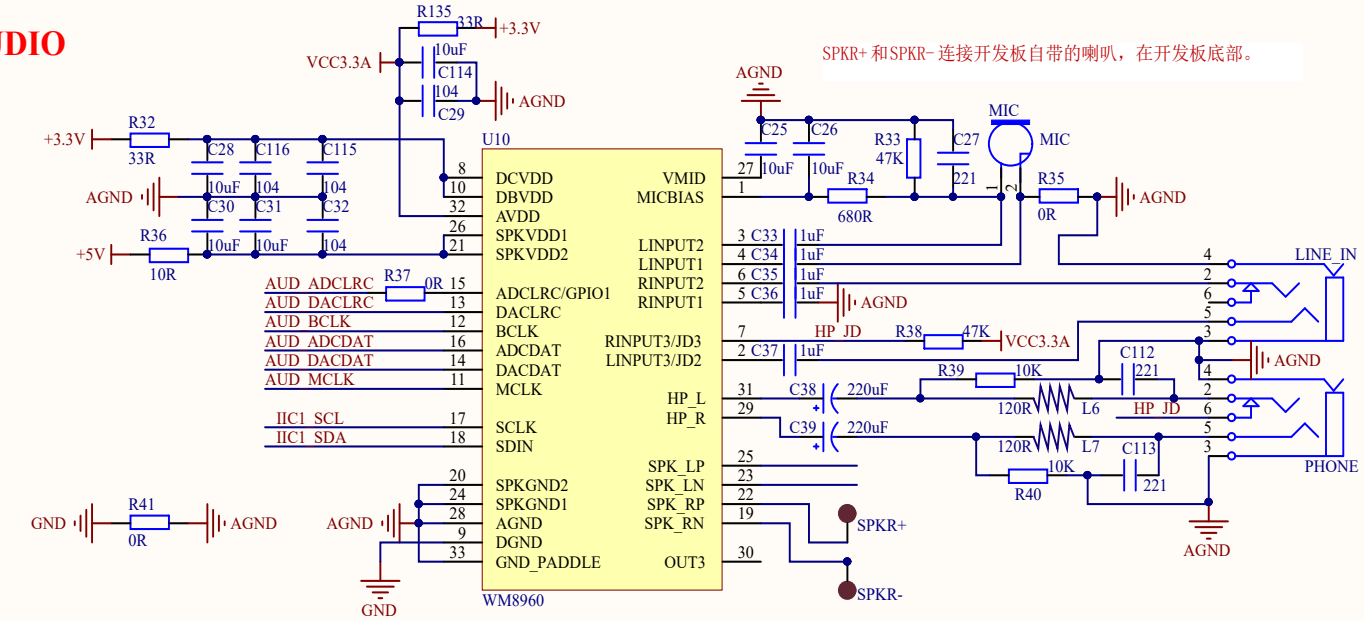
ETHERNET(PS)



SD CARD

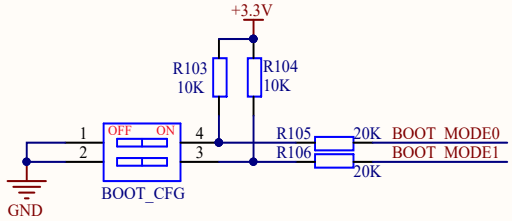


AUDIO



BOOT OPTION

BOOT_CFG	MIO 4	MIO 5
JTAG	ON	ON
NAND	OFF	ON
QSPI	ON	OFF
SD Card	OFF	OFF



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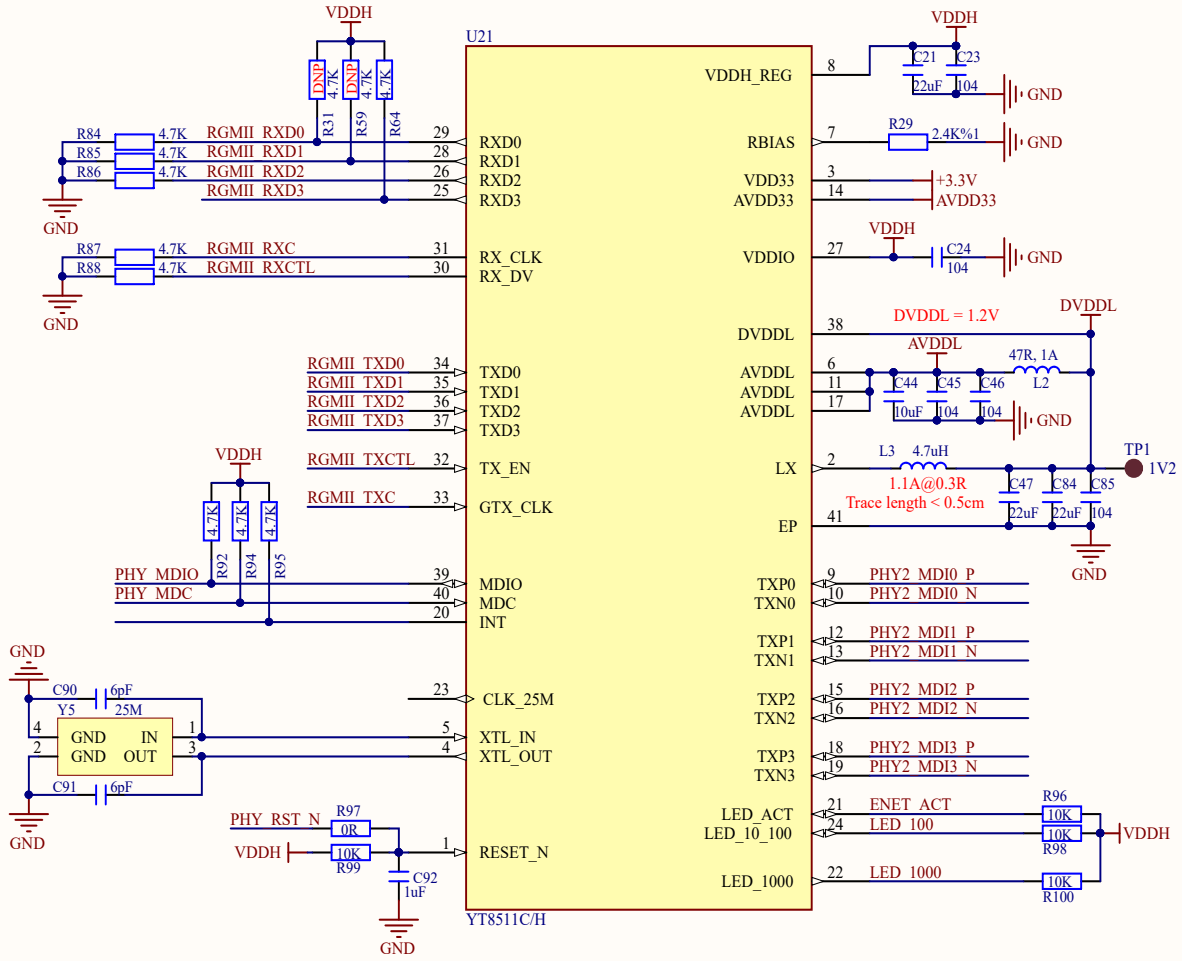
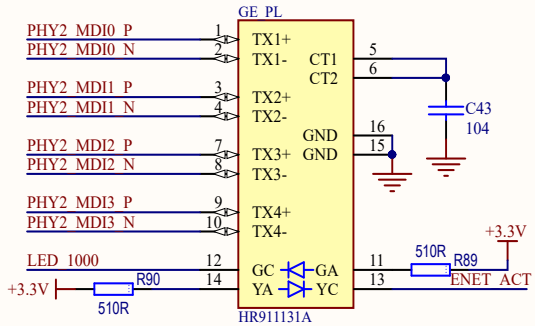
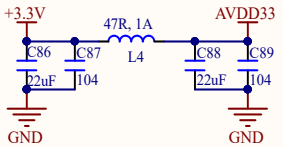
ETHERNET







Power on Strapping Pins

LED_ACT(IPU) RXD1(IPD) RXD0(IPD)	PHY_ADDR(2) PHY_ADDR(1) PHY_ADDR(0)	PHY Addr=00000+PHYA(2:0)		PHY address 00100b
RXD3(IPD) LED_1000(IPU)	MODE_SEL(1) MODE_SEL(0)	01=force low power mode; 11=normal mode;		Normal mode
RXD2(IPD)	PLLON	0=PLL OFF in hibernation;	1=PLL ON in hibernation;	PLL OFF in hibernation
RX_DV(IPD)	3.3V/2.5V_SEL	0=RGMII 1O 3.3V;	1=RGMII 1O 2.5V;	3.3V RGMII
LED_10_100(IPU)	RXC_delay_en	0=RXC delay disable;	1=RXC delay enable;	RXC delay enable
RX_CLK(IPD)	CLK_25M_en	0=CLK_25M enable;	1=CLK_25M disable;	CLK_25M output enable

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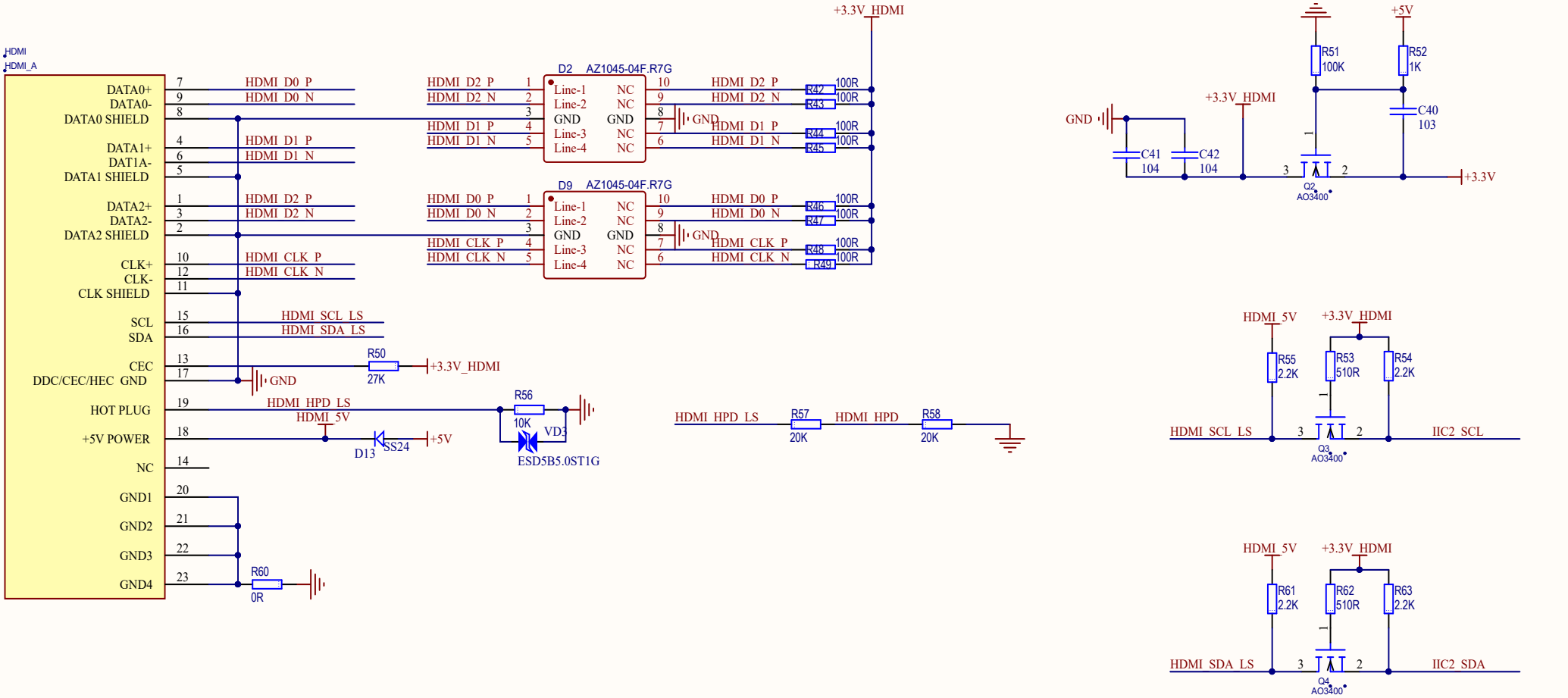
HDMI



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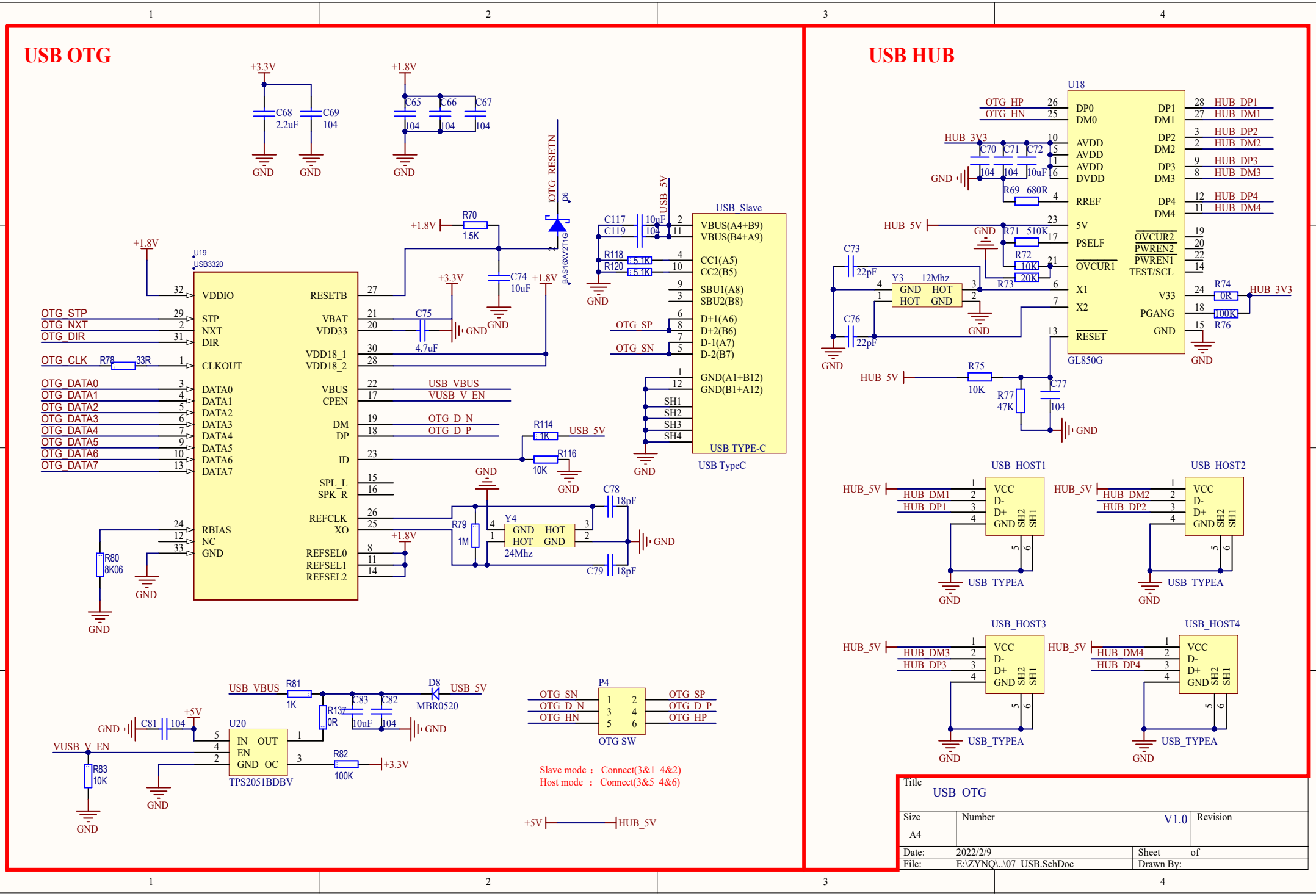
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USB HUB
U19
USB3320
VDDIO
STP
NXT
DIR
CLKOUT
DATA0
DATA1
DATA2
DATA3
DATA4
DATA5
DATA6
DATA7
RBIAS
NC
GND
RESETB
VBAT
VDD33
VDD18_1
VDD18_2
VBUS
CPEN
DM
DP
ID
SPL_L
SPK_R
REFCLK
XO
REFSEL0
REFSEL1
REFSEL2
OTG_STP
OTG_NXT
OTG_DIR
OTG_CLK
OTG_DATA0
OTG_DATA1
OTG_DATA2
OTG_DATA3
OTG_DATA4
OTG_DATA5
OTG_DATA6
OTG_DATA7
USB_VBUS
VUSB_V_EN
OTG_D_N
OTG_D_P
OTG_RESETN
USB_Slave
VBUS(A4+B9)
VBUS(B4+A9)
CC1(A5)
CC2(B5)
SBU1(A8)
SBU2(B8)
D+1(A6)
D+2(B6)
D-1(A7)
D-2(B7)
GND(A1+B12)
GND(B1+A12)
SH1
SH2
SH3
SH4
USB TYPE-C
USB TypeC
U20
TPS2051BDBV
IN OUT
EN
GND OC
MBR0520
P4
OTG SW
OTG_SN
OTG_D_N
OTG_HN
OTG_SP
OTG_D_P
OTG_HP
Slave mode : Connect(3&1 4&2)
Host mode : Connect(3&5 4&6)
U18
GL850G
DP0
DM0
DP1
DM1
DP2
DM2
DP3
DM3
DP4
DM4
AVDD
DVDD
RREF
5V
PSELF
OVCUR1
X1
X2
RESET
OVCUR2
PWREN2
PWREN1
TEST/SCL
V33
PGANG
GND
USB_HOST1
USB_HOST2
USB_HOST3
USB_HOST4
VCC
D-
D+
GND
SH2
SH1
USB_TYPEA
HUB_3V3
HUB_5V
HUB_DP1
HUB_DM1
HUB_DP2
HUB_DM2
HUB_DP3
HUB_DM3
HUB_DP4
HUB_DM4
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V1.0
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