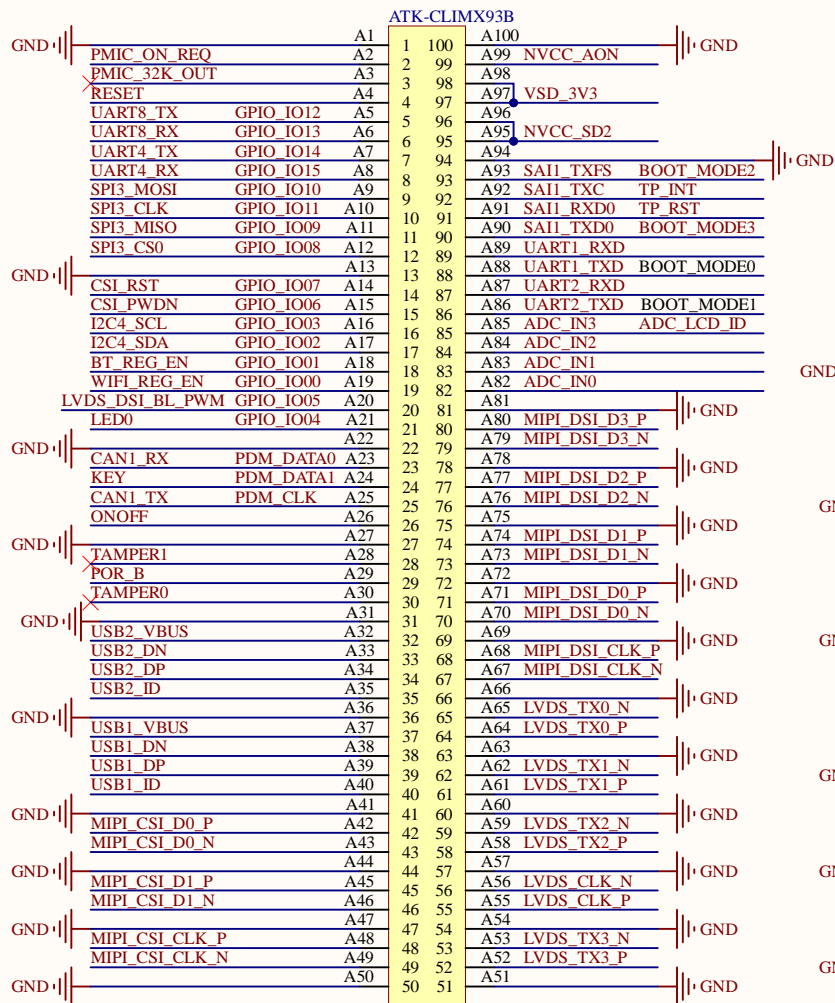
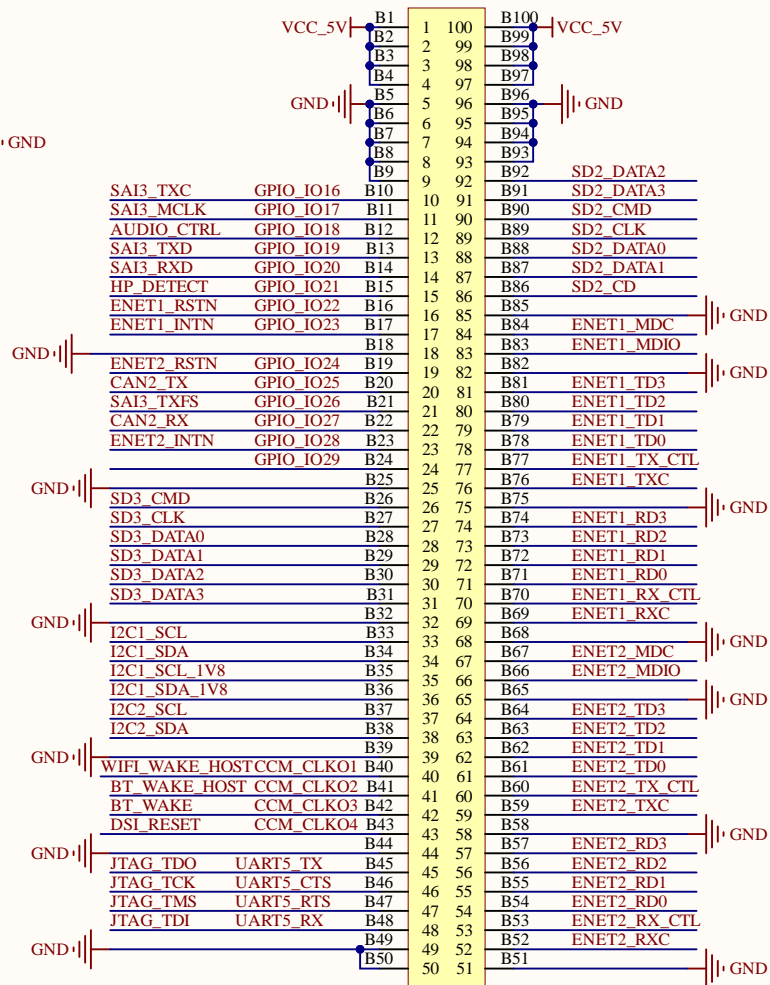
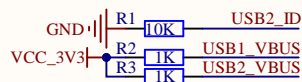
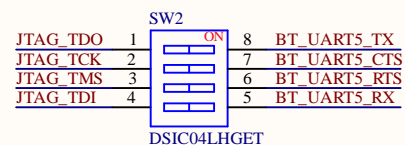


IMX93_CORE_IO

A
ATK-CLIMX93B

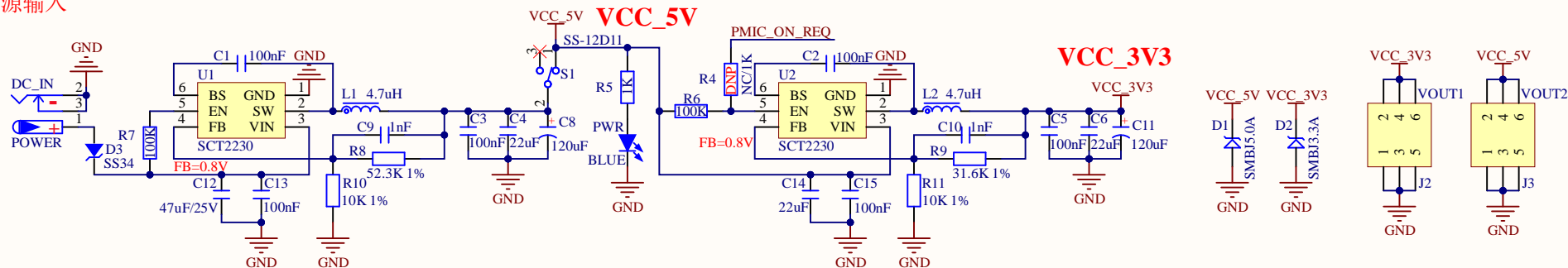
B



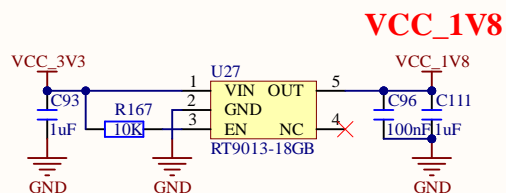
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Project: ATK-DLIMX93.PrjPeb		
Size: A4	Author: ALIENTEK	
Date: 2024/2/20	Version: V1.3	Sheet: 1 of 10



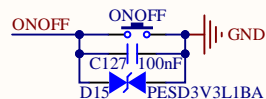
12V电源输入



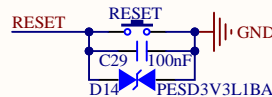
PWR 1.8V



ON/OFF KEY



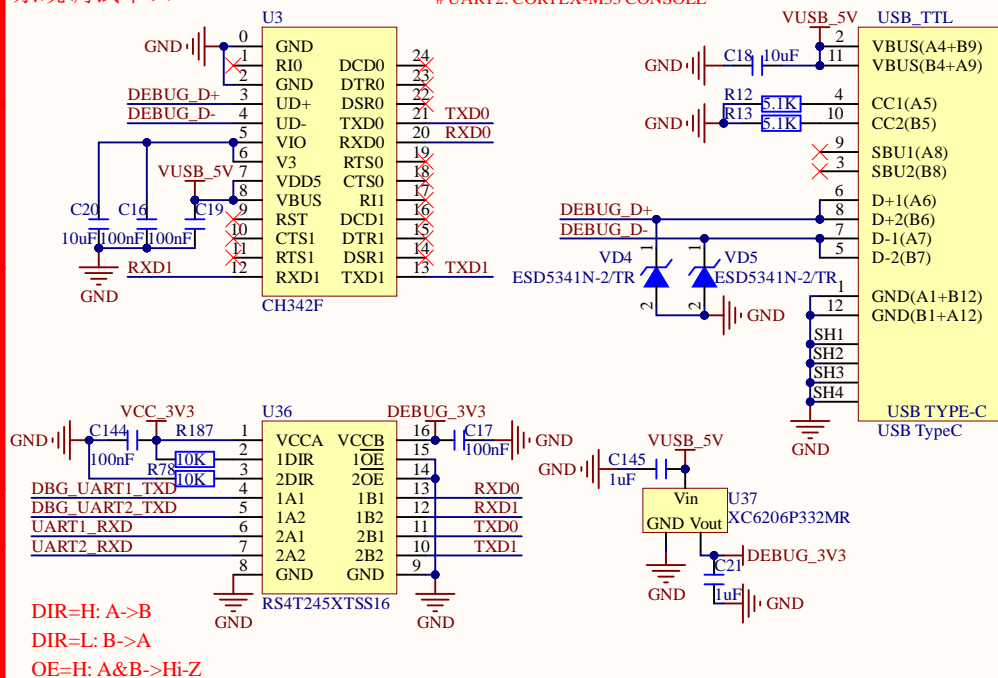
RESET KEY



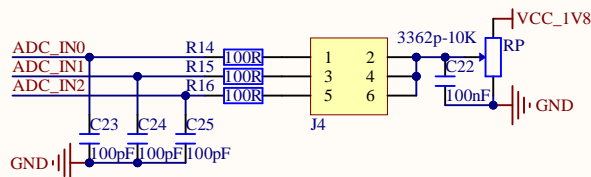
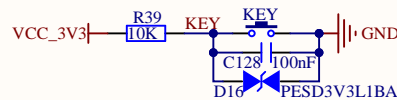
USB UART&USB POWER

UART1: CORTEX-A55 CONSOLE

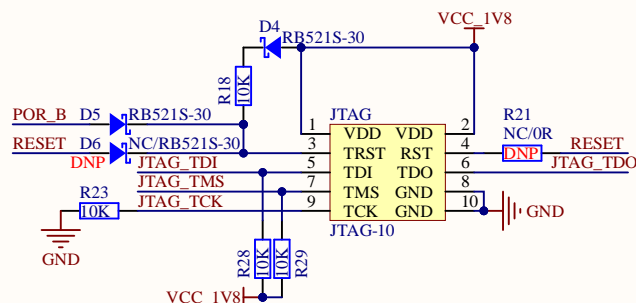
UART2: CORTEX-M33 CONSOLE



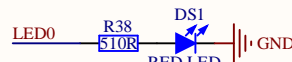
ADC

**USER KEY**

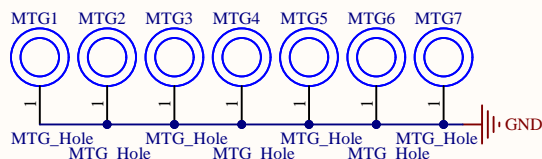
JTAG



LED



MTG HOLE



ESD&FKT

ESD	FKT
ESD	FKT
ESD	FKT

Title: IMX93_POWER.SchDoc

Project: ATK-DLIMX93.PrjPcb

Size: A4

Author: ALIENTEK

Date: 2024/2/20

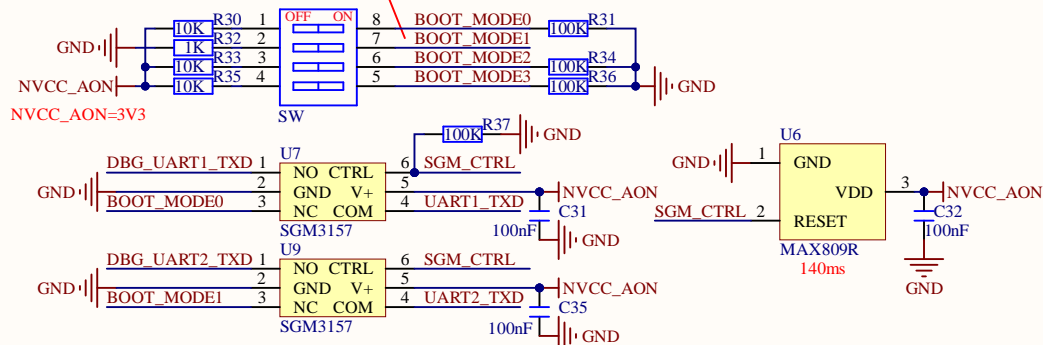
Version: V1.3

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BOOT_MODE CONFIG

#BOOT_MODE1已在核心板上拉3V3，即默认选择EMMC启动模式

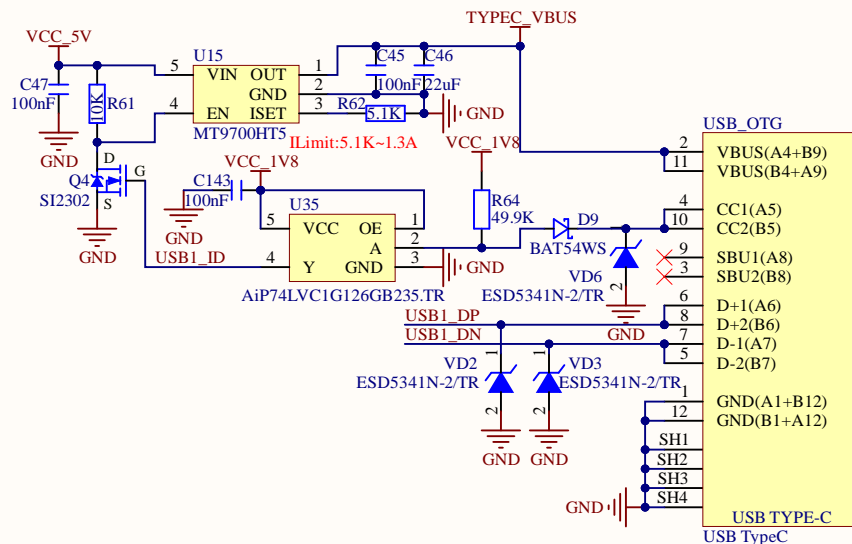


0=OFF, 0 is floating signal or grounded
1=ON, 1 is signal with pull-up or pull-down

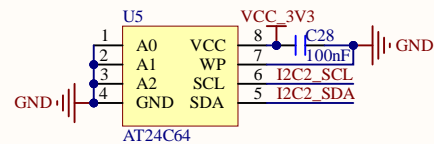
NOTE: BOOT_MODE1 pull-up 10K Resistor on Core Board default.

USB_OTG_TYPEC

USB烧写系统



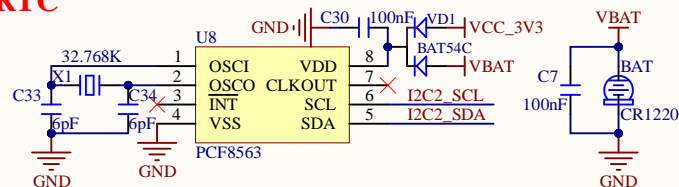
EEPROM



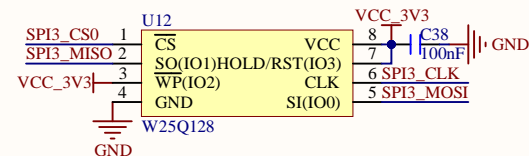
I2C Pull-up



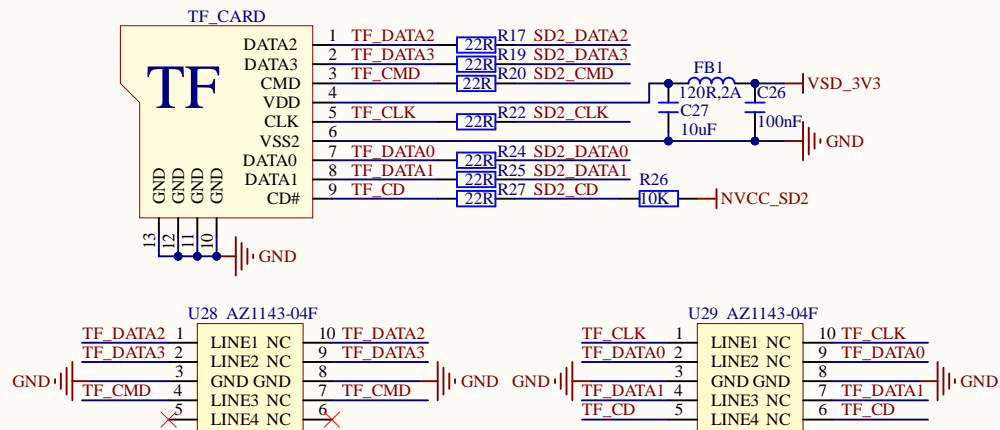
RTC



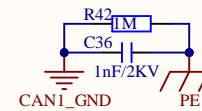
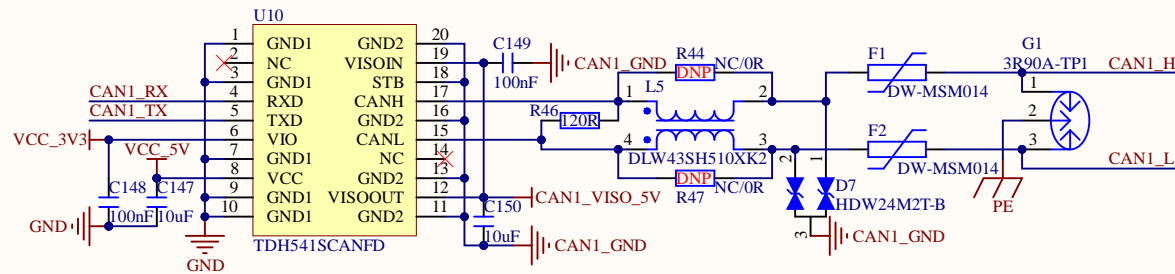
SPI FLASH



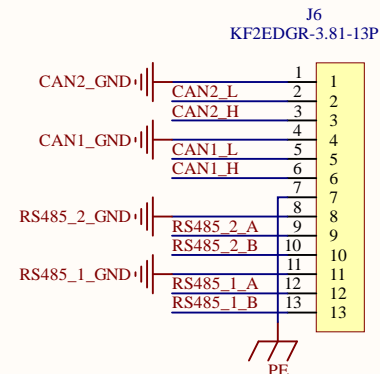
TF Card



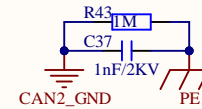
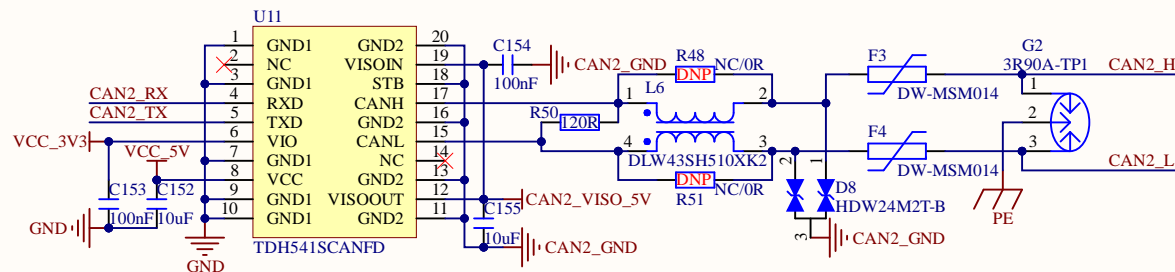
FDCAN1



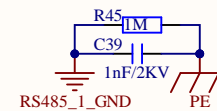
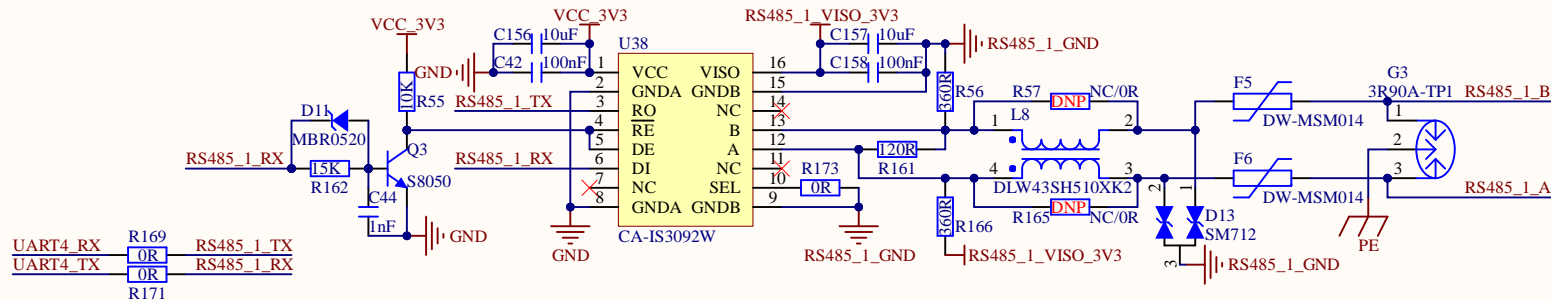
FDCAN&RS485 HEADER



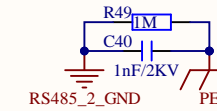
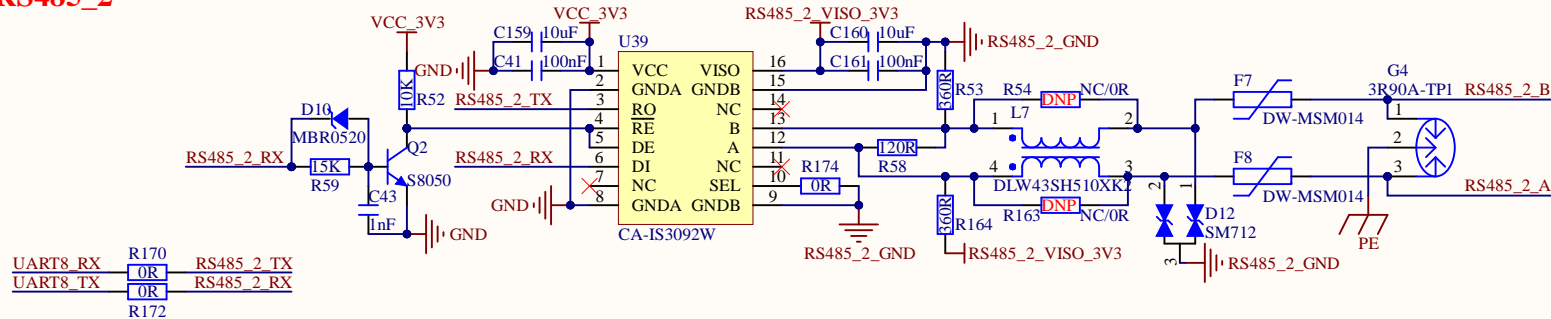
FDCAN2



RS485_1



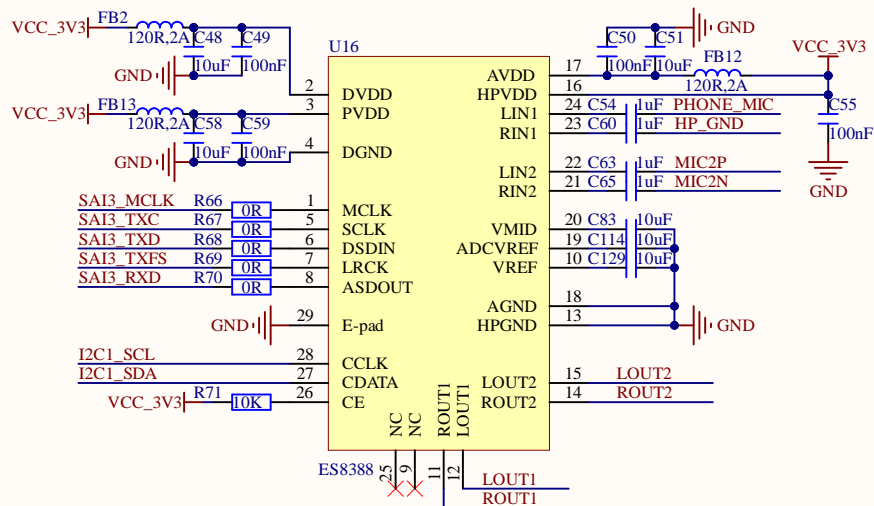
RS485_2



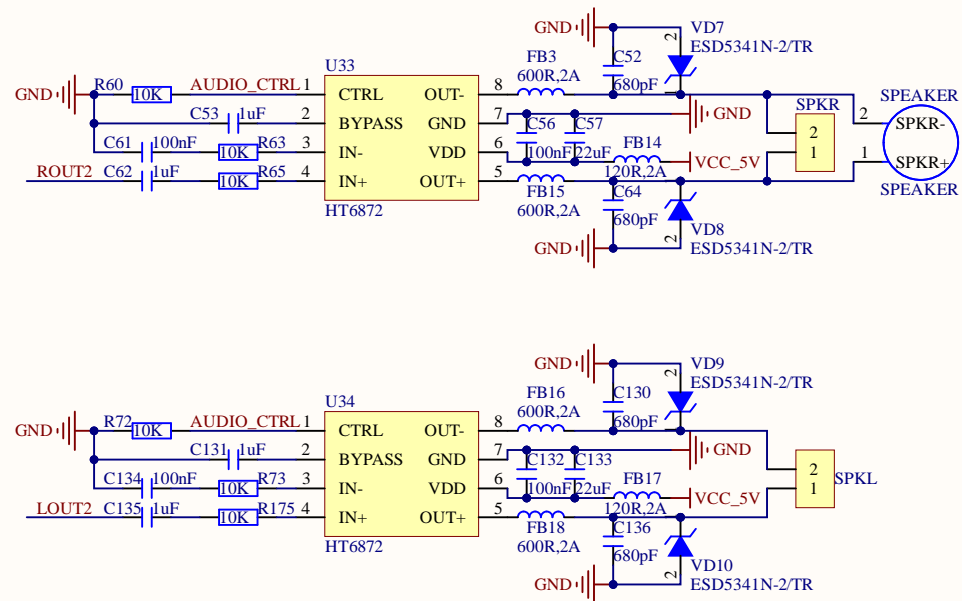
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Project: ATK-DLIMX93.PrjPeb		
Size: A4	Author: ALIENTEK	
Date: 2024/2/20	Version: V1.3	Sheet: 4 of 10



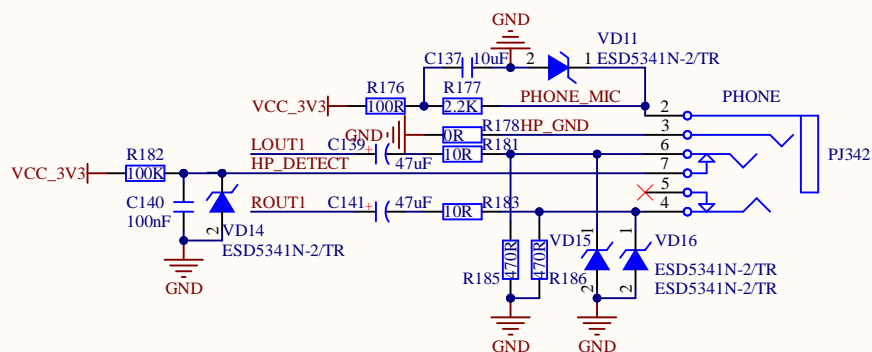
CODEC ES8388



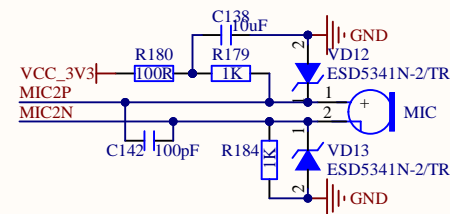
SPEAKER



EARPHONE

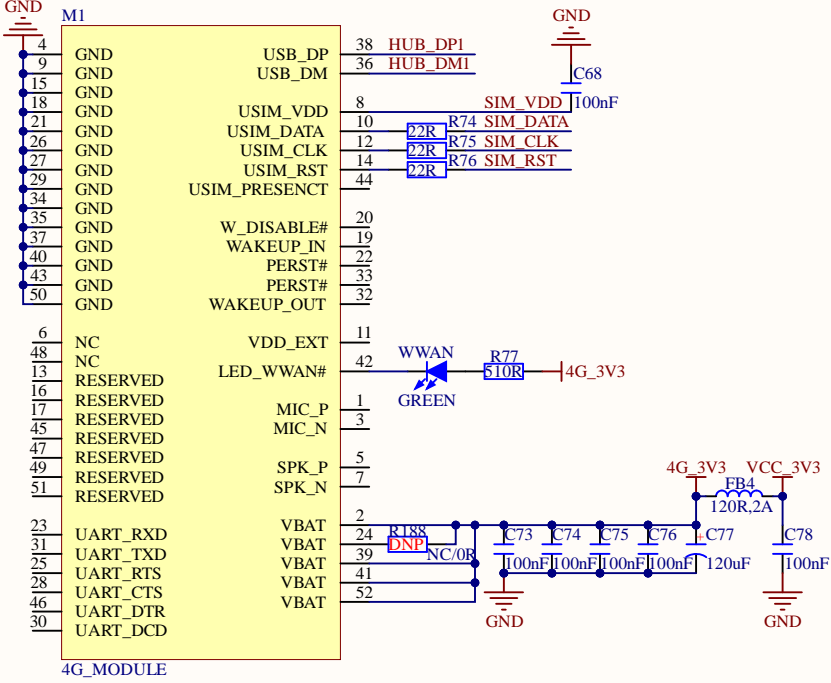
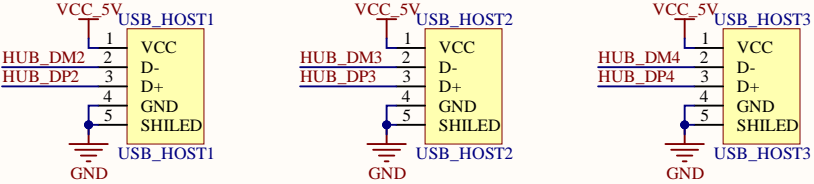
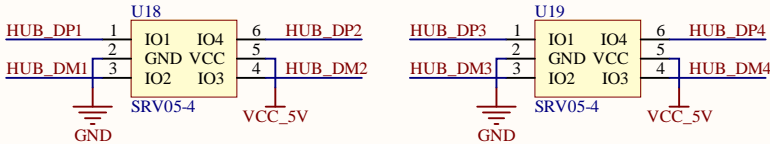
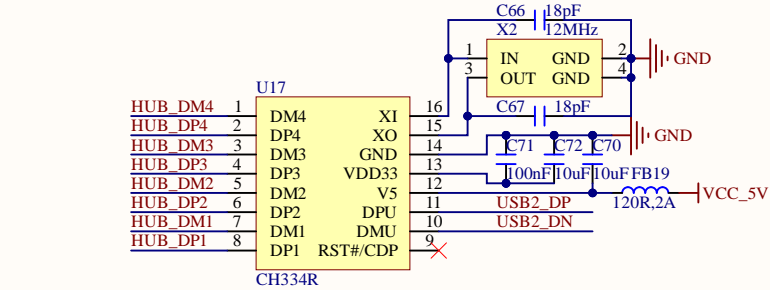


MIC

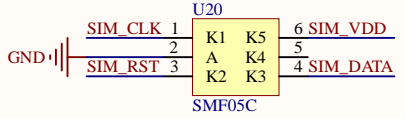
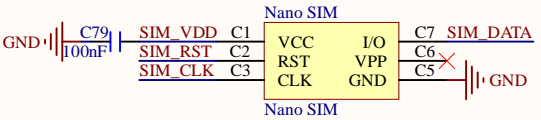


USB HUB

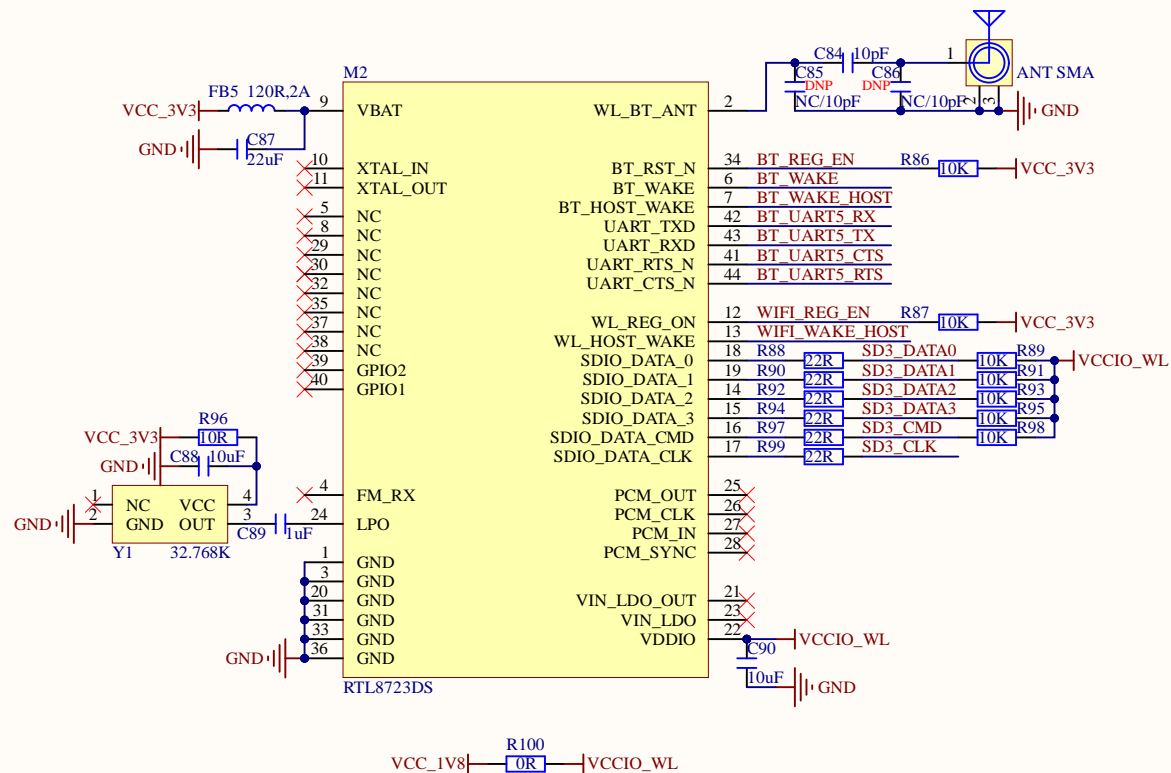
4G MODULE



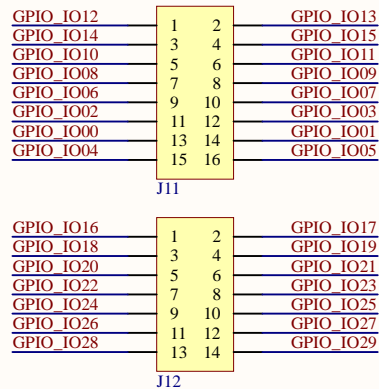
R188 for 5G RedCap Module



SDIO WIFI&BLUETOOTH



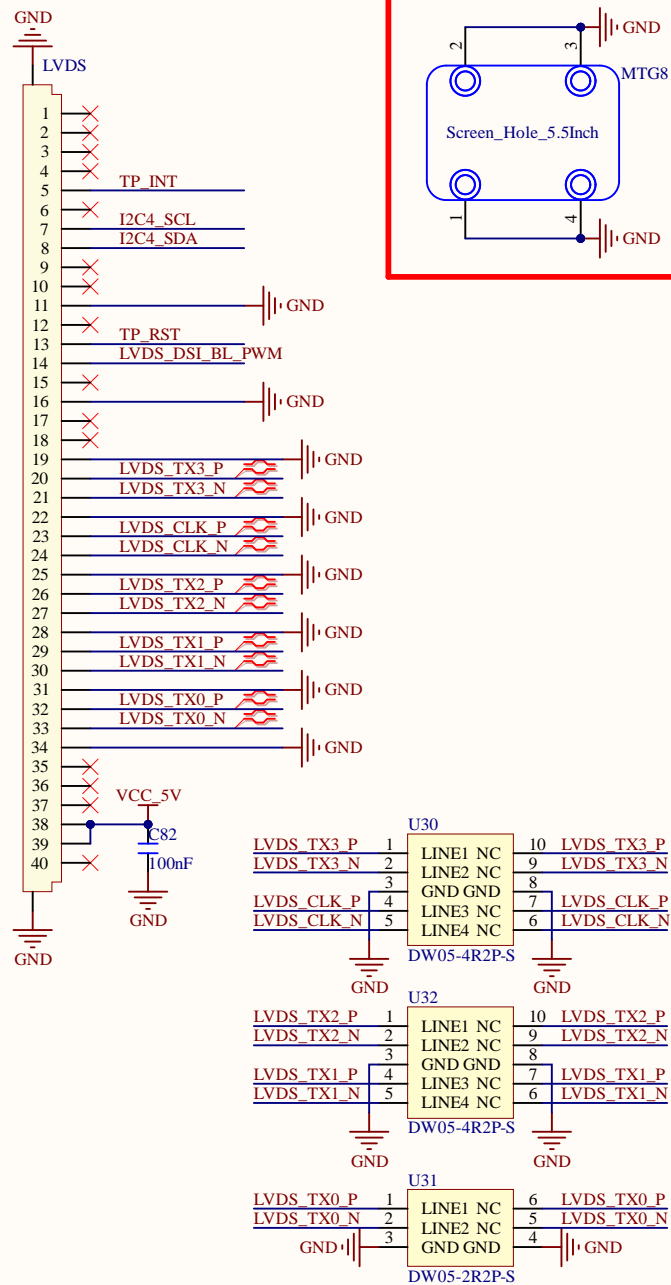
PINOUT (GPIO2)



Title: IMX93_WIFI_BLUETOOTH.SchDoc		
Project: ATK-DLIMX93.PrjPcb		
Size: A4	Author: ALIENTEK	
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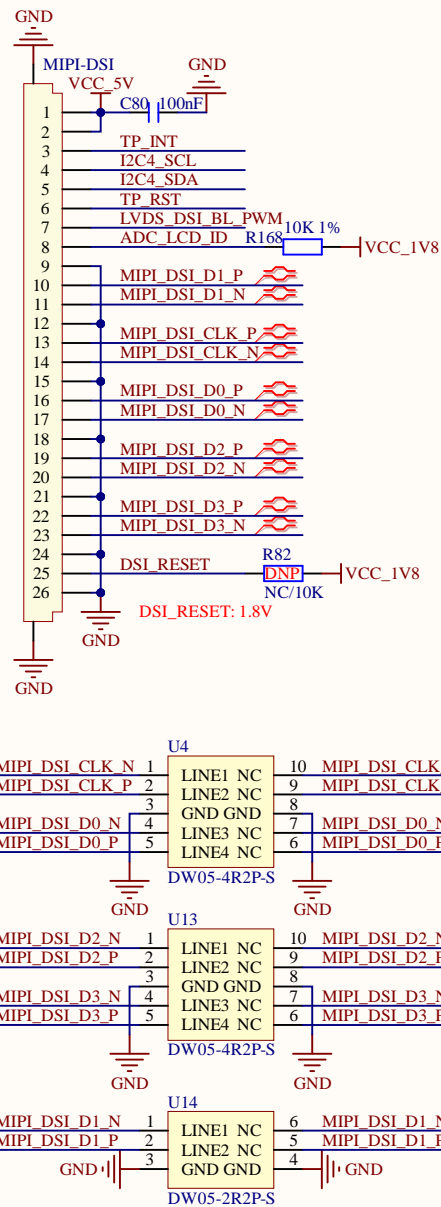


LVDS

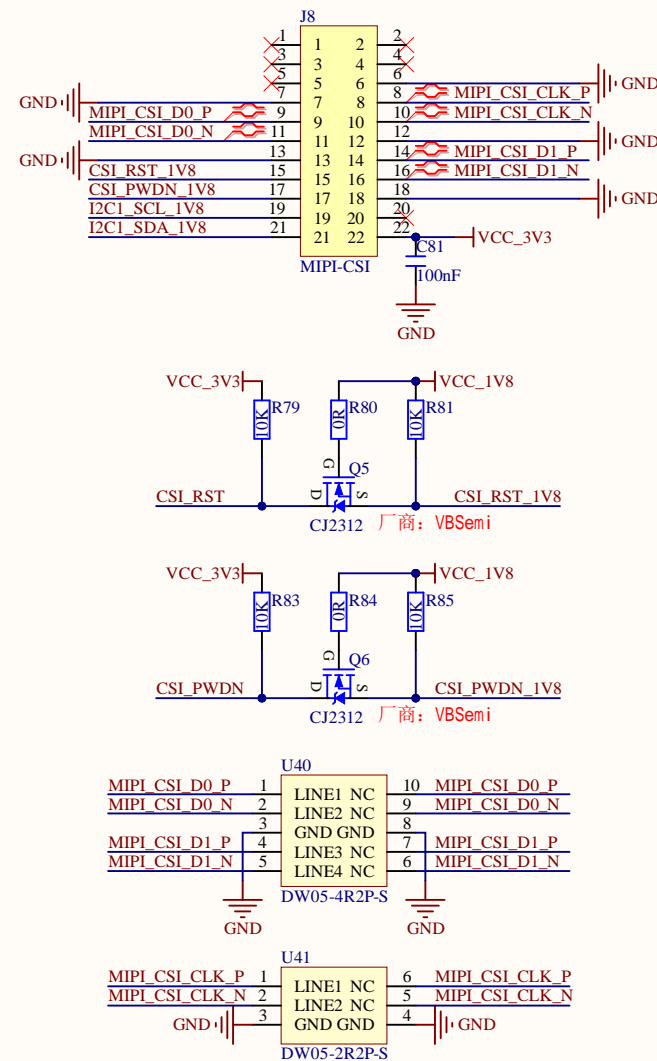


MIPI LCD HOLE

MIPI-DSI

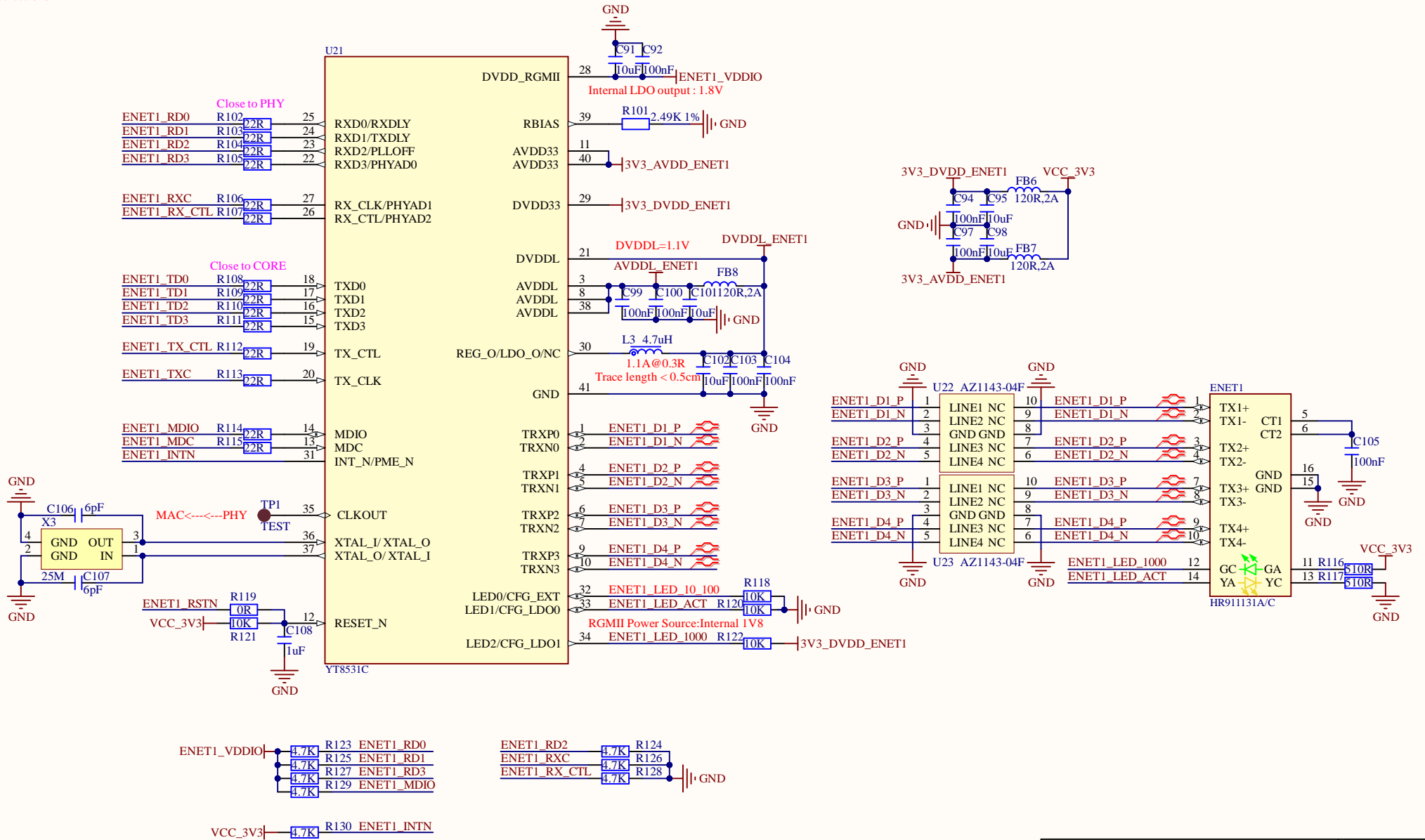


MIPI-CSI CAMERA



10/100/1000M ENET1

TXC/RXC: delay 2ns
PHY Address:0x01

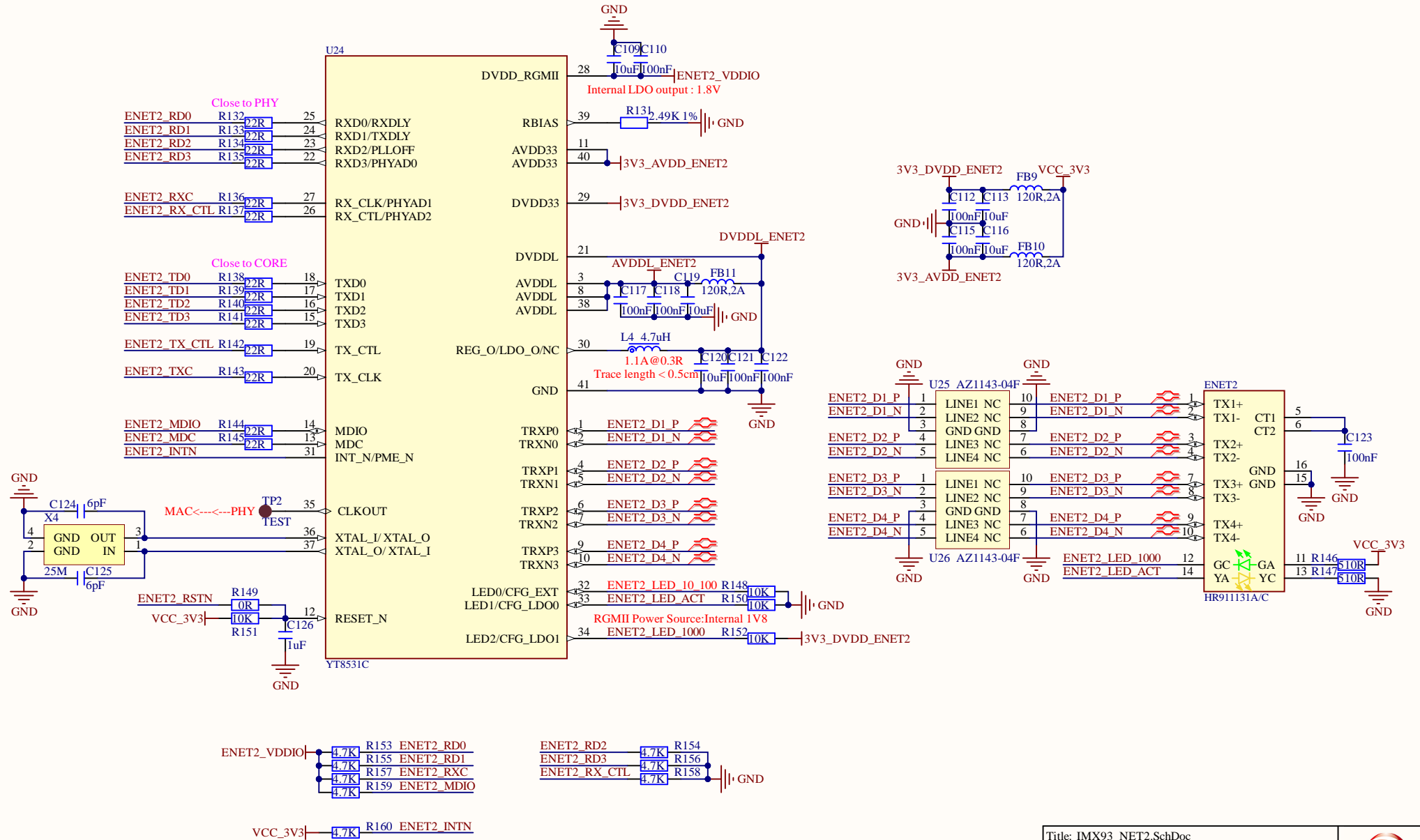


Title: IMX93_NET1.SchDoc		
Project: ATK-DLIMX93.PrjPeb		
Size: A4	Author: ALIENTEK	
Date: 2024/2/20	Version: V1.3	Sheet: 9 of 10



10/100/1000M ENET2

TXC/RXC: delay 2ns
PHY Address:0x02



Title: IMX93_NET2.SchDoc		
Project: ATK-DLIMX93.PrjPeb		
Size: A4	Author: ALIENTEK	
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