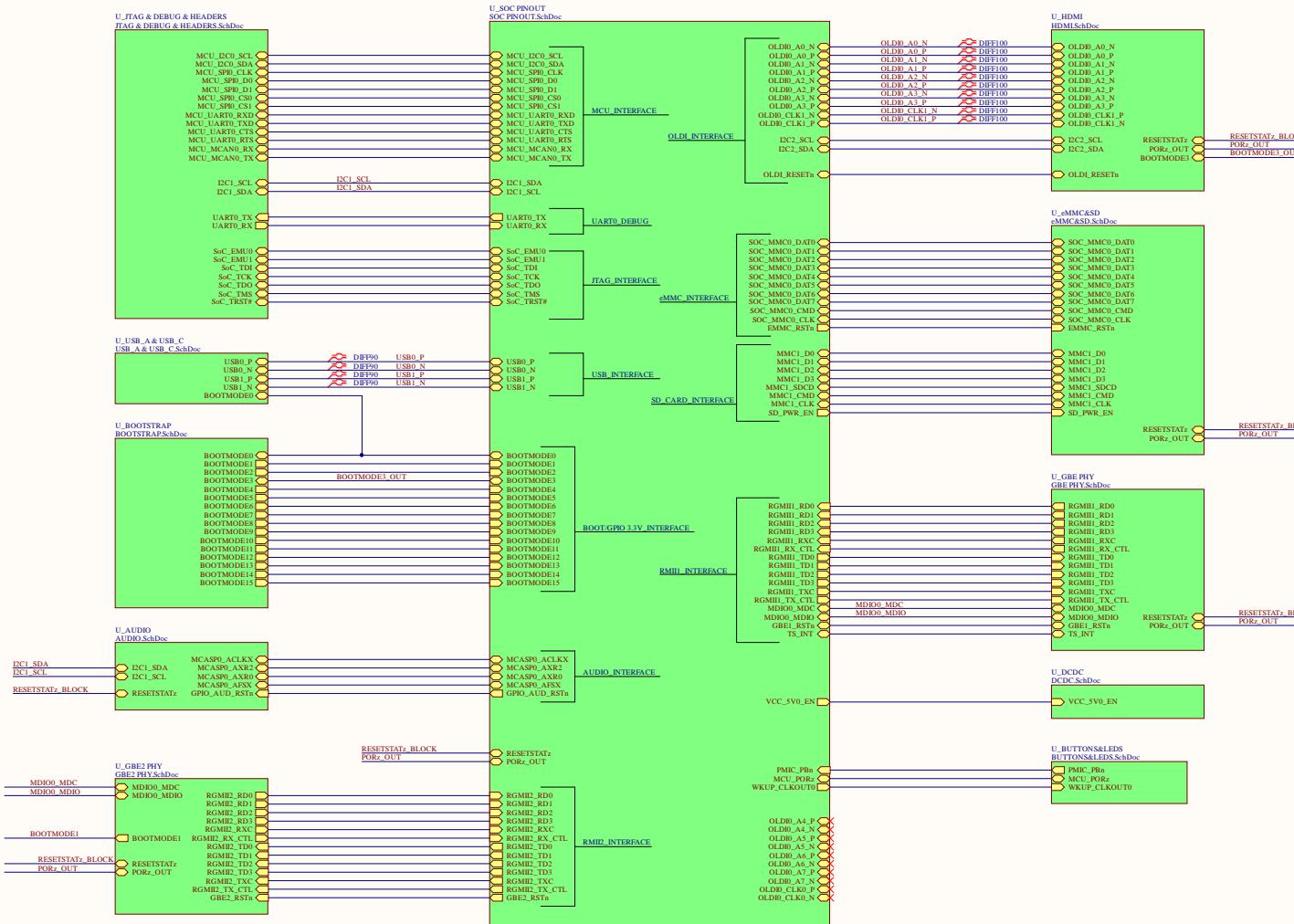


BLOCK DIAGRAM

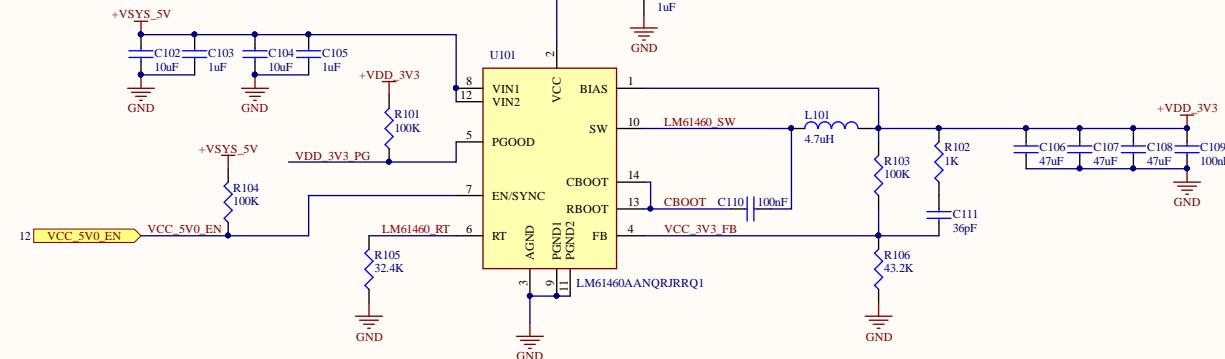


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POWER SUPPLY

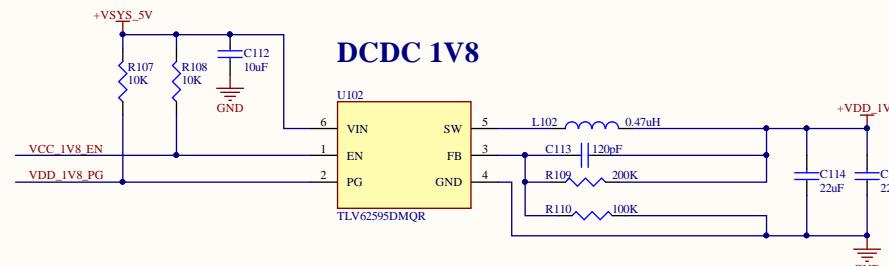
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DCDC 3.3V



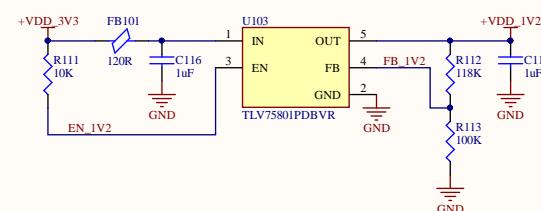
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DCDC 1V8



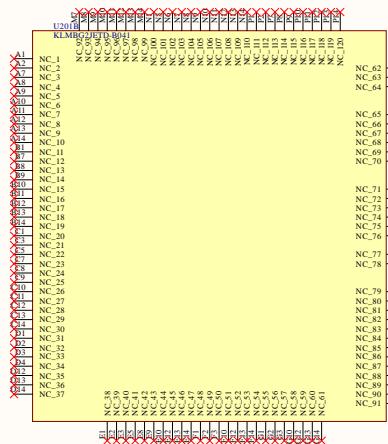
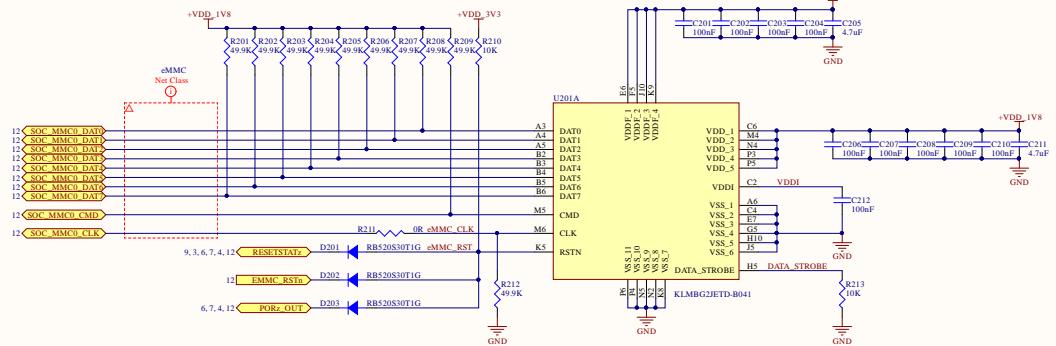
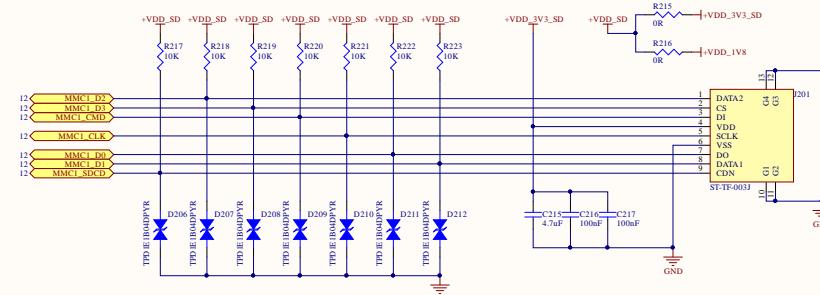
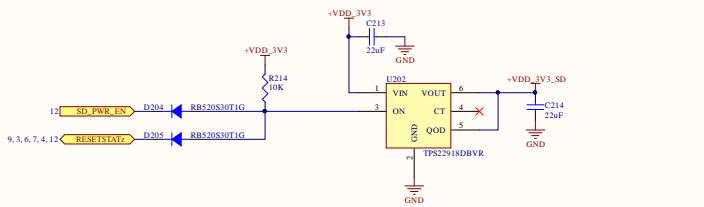
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LDO 1V2



D

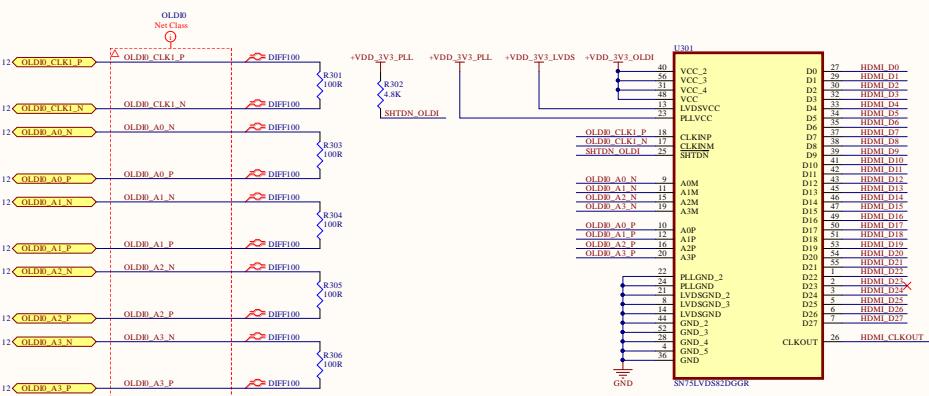
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eMMC*SD-CARD*

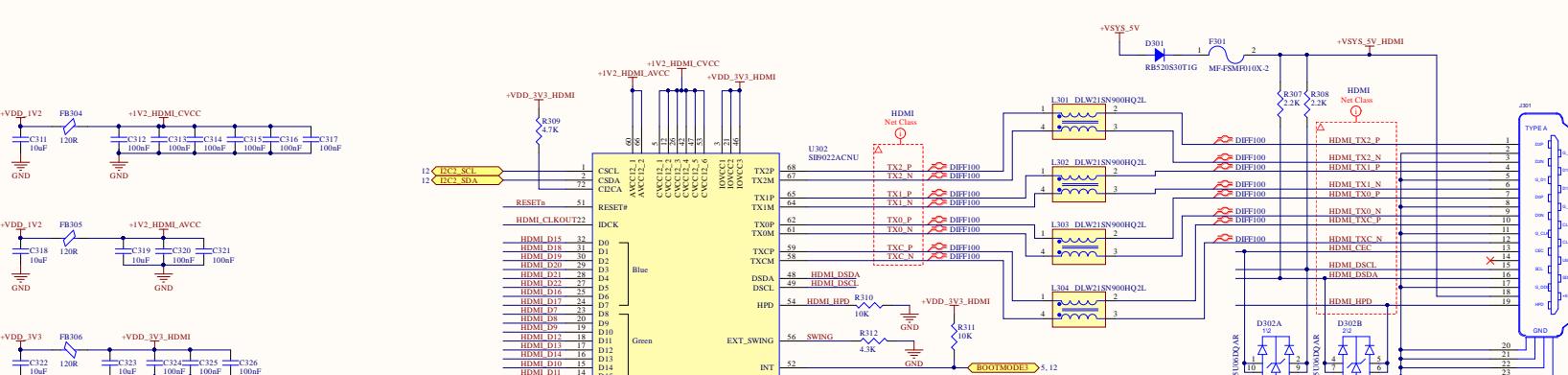
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HDMI

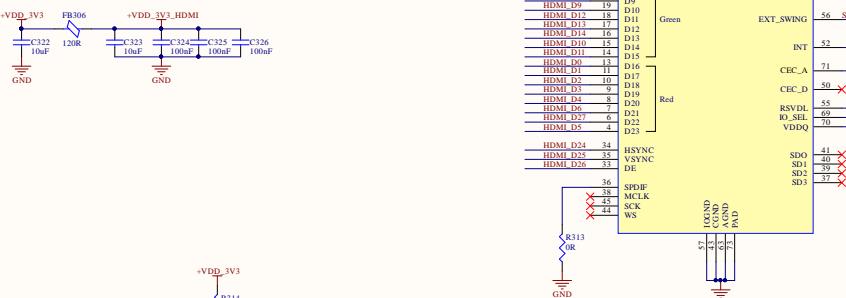
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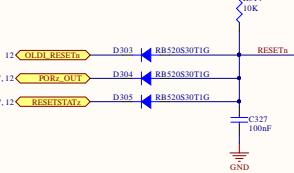
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C



D



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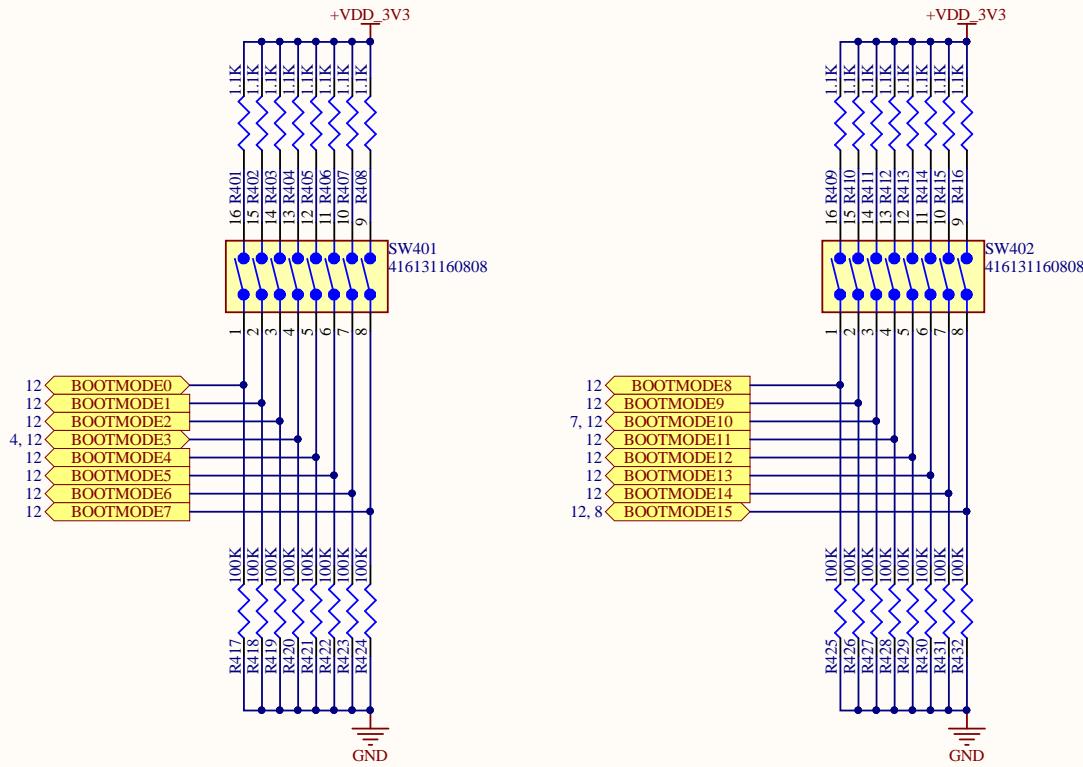
A

A

BOOT MODE SWITCHES

B

B



C

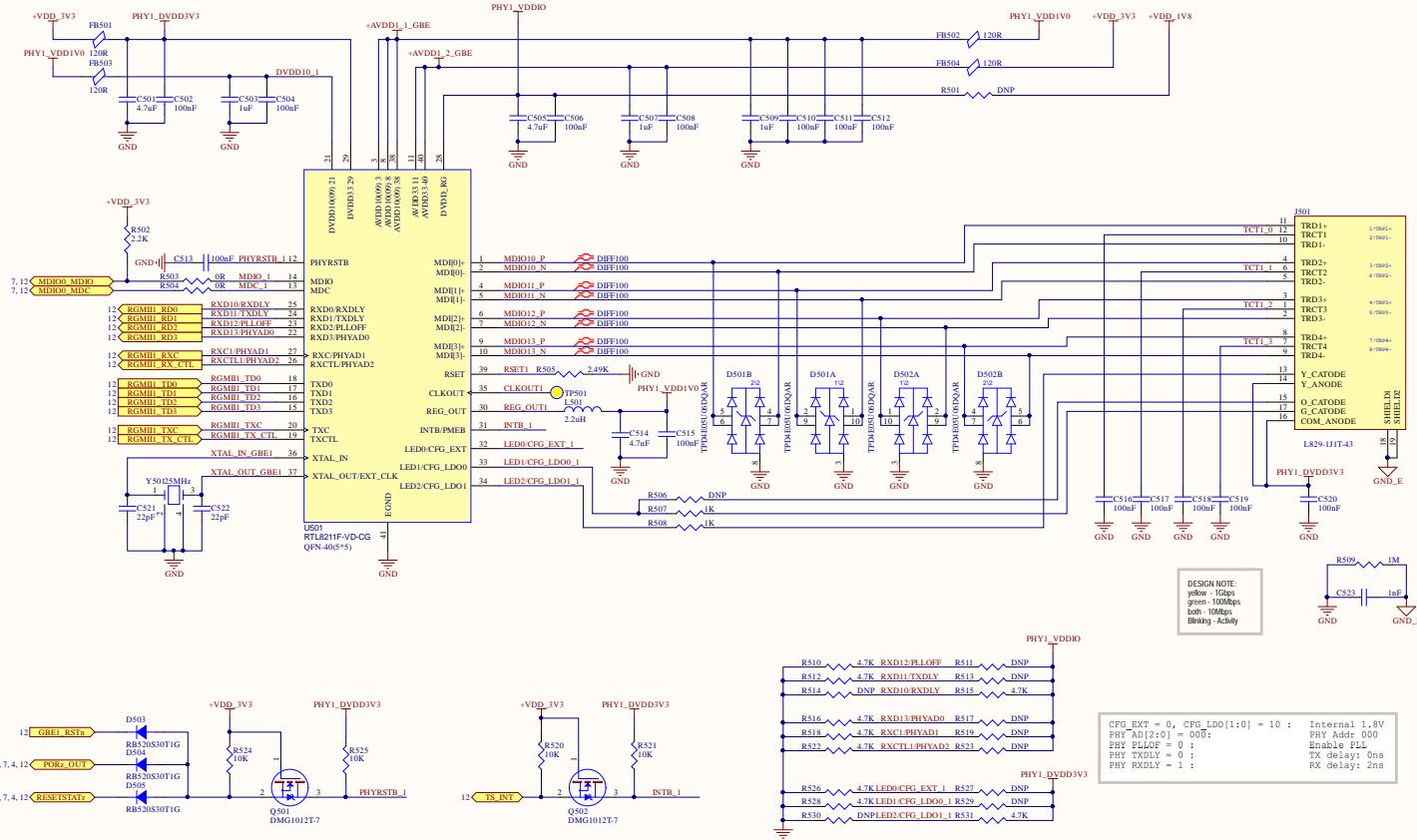
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D

D

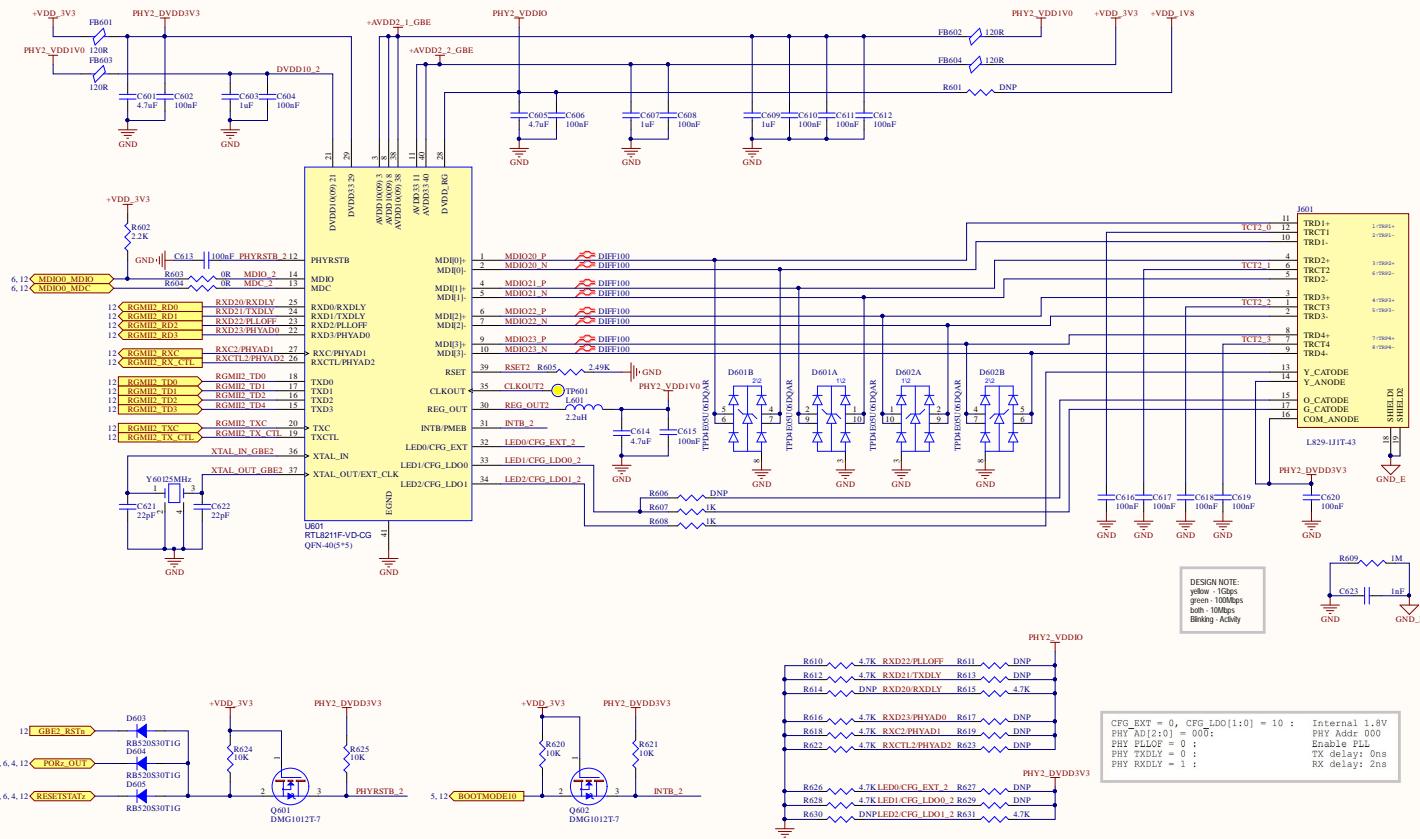
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GIGABIT ETHERNET 1



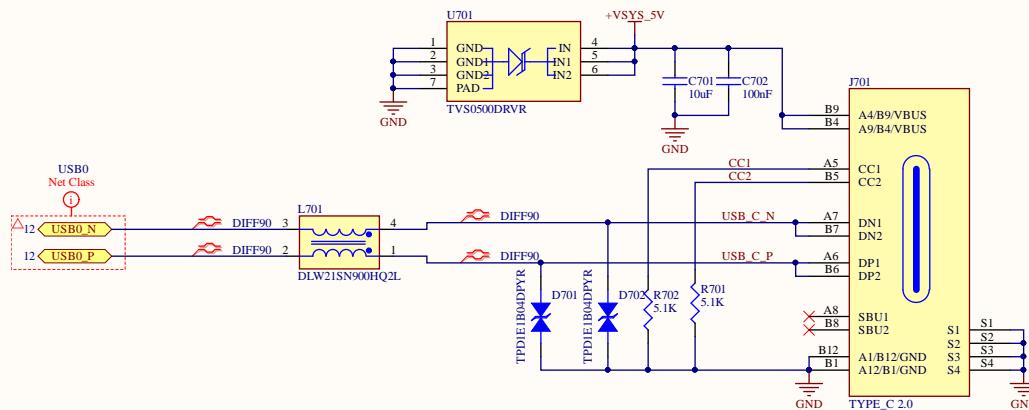
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GIGABIT ETHERNET 2



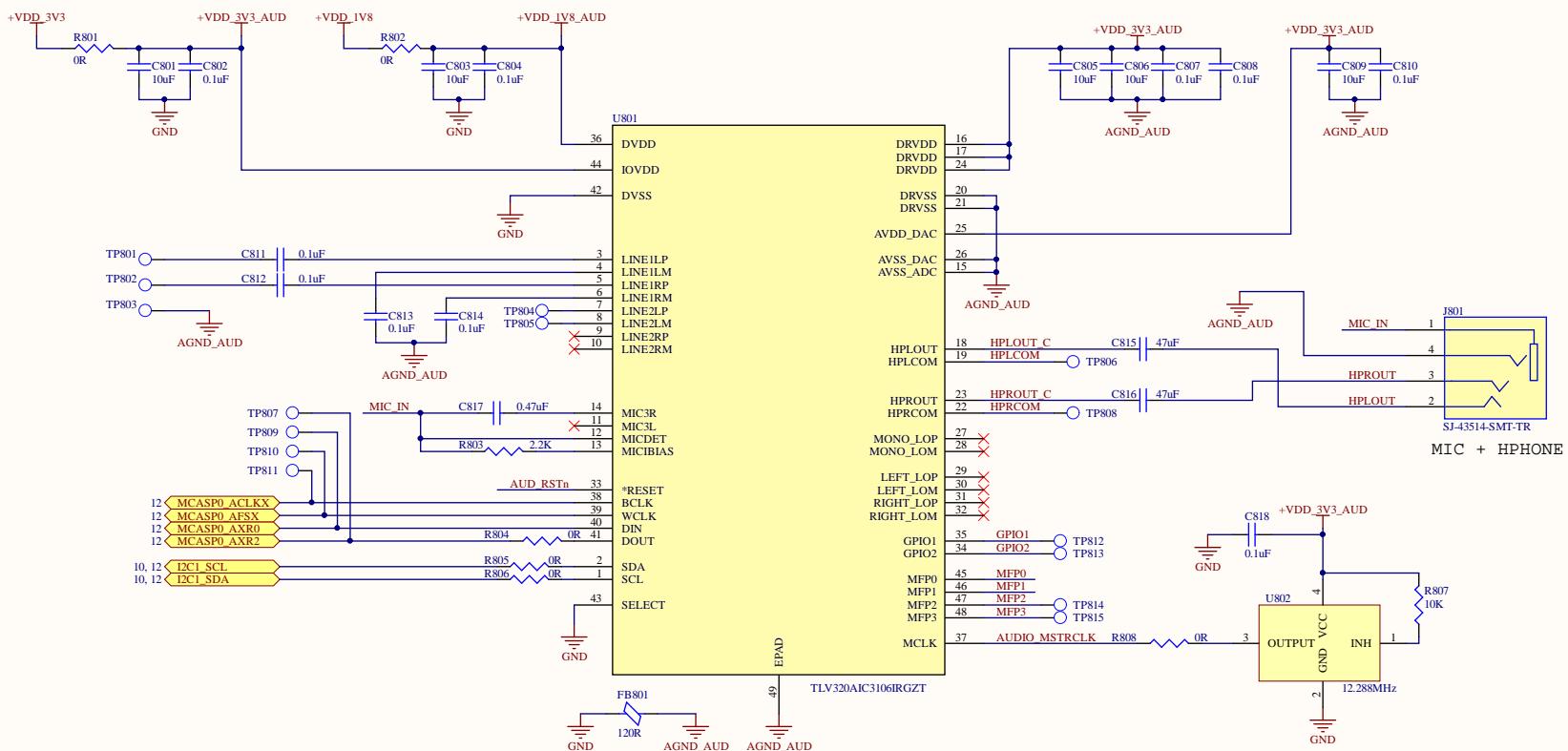
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USB_A & USB_C

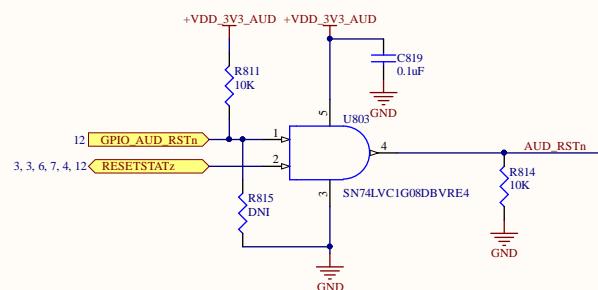


USB0
Net Class
12 USB0_N
12 USB0_P

AUDIO CODEC

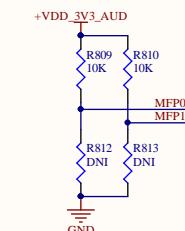


AUDIO CODEC RESET



I2C ADDRESS

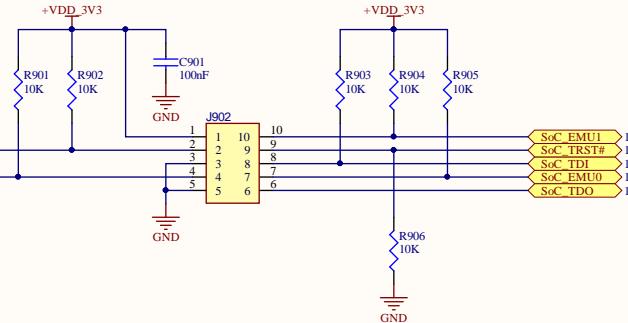
MFP0	MFP1	Device Address
0	0	0x18
0	1	0x19
1	0	0x1A
1	1	0x1B



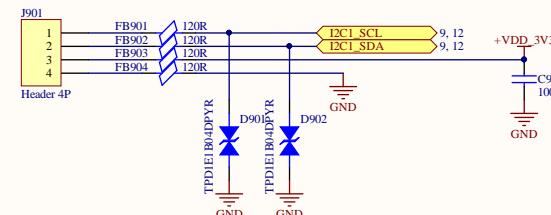
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1 2 3 4 5 6 7 8

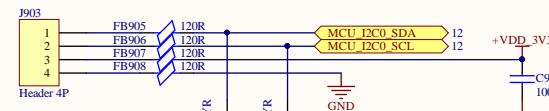
JTAG



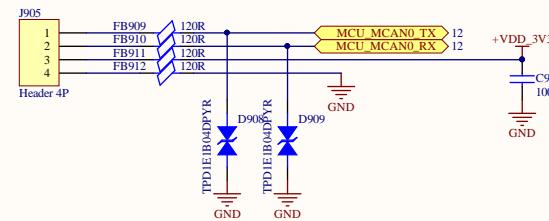
I2C1



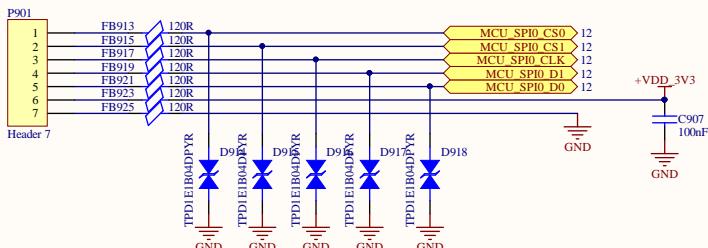
MCU_I2C



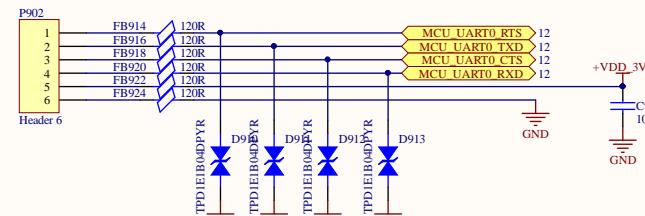
MCU_CAN



MCU_SPI



MCU_UART

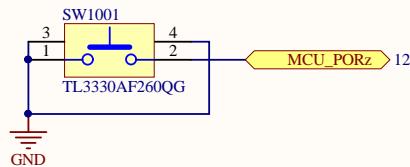
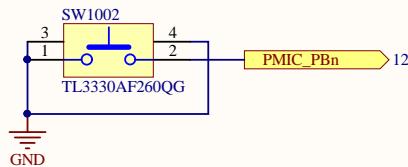
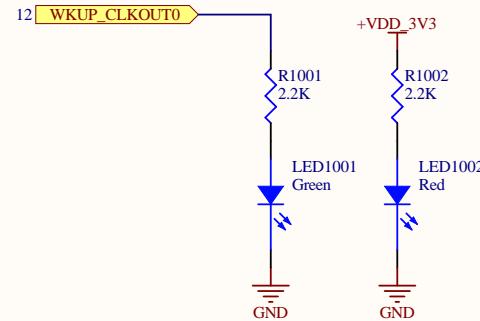


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1 2 3 4 5 6 7 8

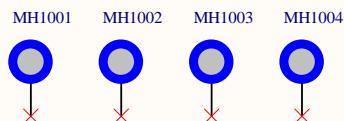
A

A

Reset Button**Power Button****Leds**

B

B

Mounting Holes

Mounting holes 5mm pad 3.5mm drill
BOARD MOUNTING HOLES
ONE IN EACH CORNER

Fiducials

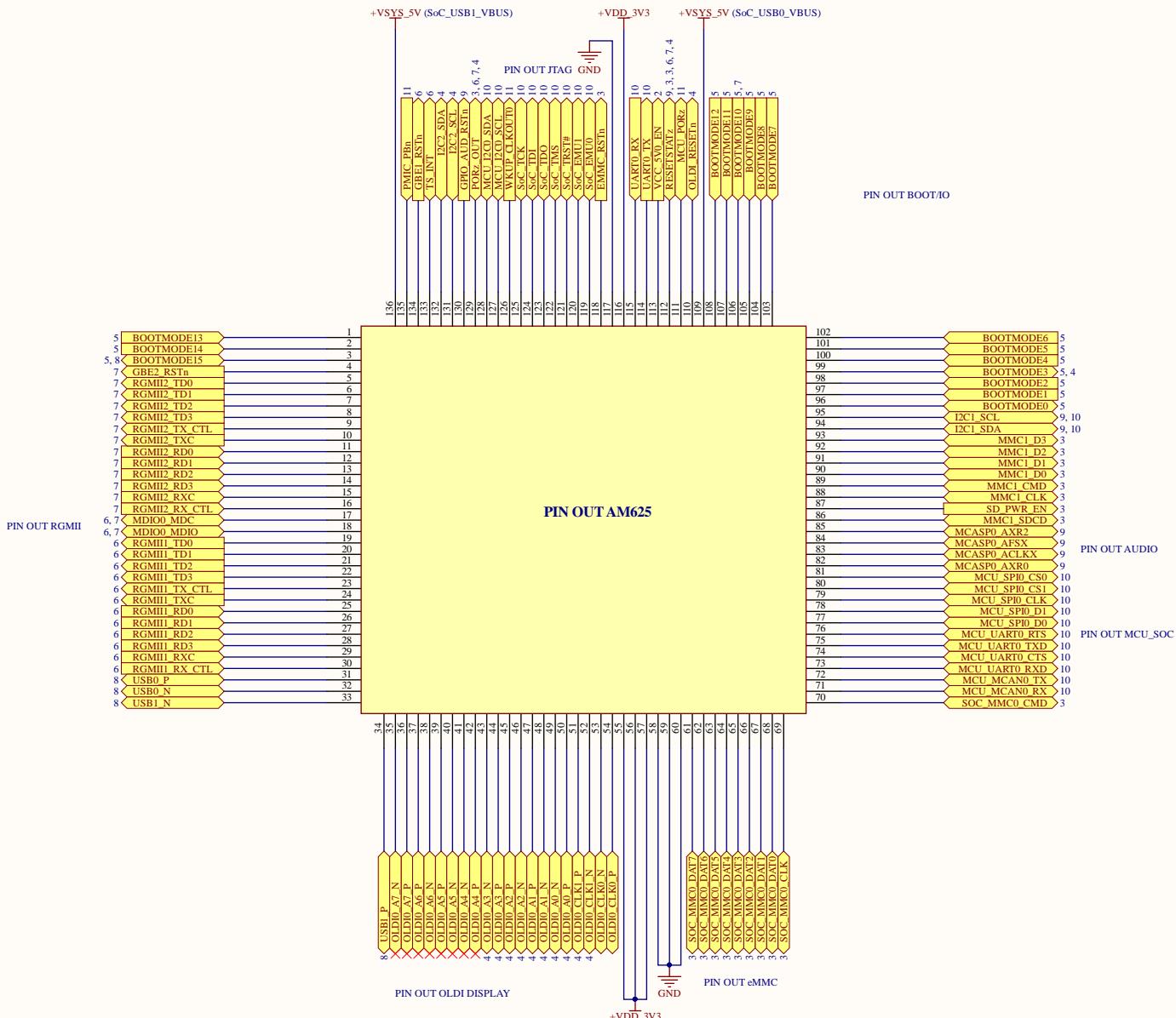
FIDICIALS 4x TOP

FIDICIALS 4x BOTTOM

C

C

Title		
Size	Number	Revision
A4		
Date: 2/3/2024	Sheet of	
File: C:\Users\...\BUTTONS&LEDS.SchDoc		Drawn By:



Title		
Size	Number	Revision
Date:	2/3/2024	Sheet of
File:	C:\Users\...\SOC_PINOUT.SchDoc	Drawn By:

