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Title: TOP

ID: ASX0055

Version: V1.2

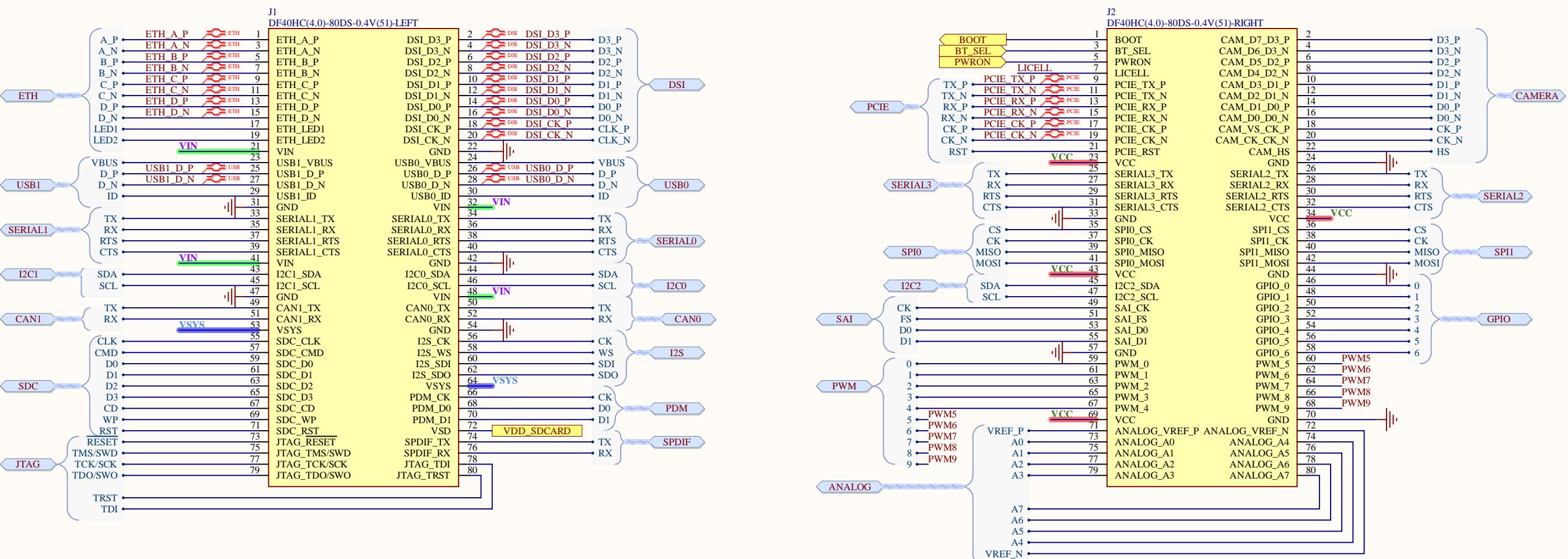
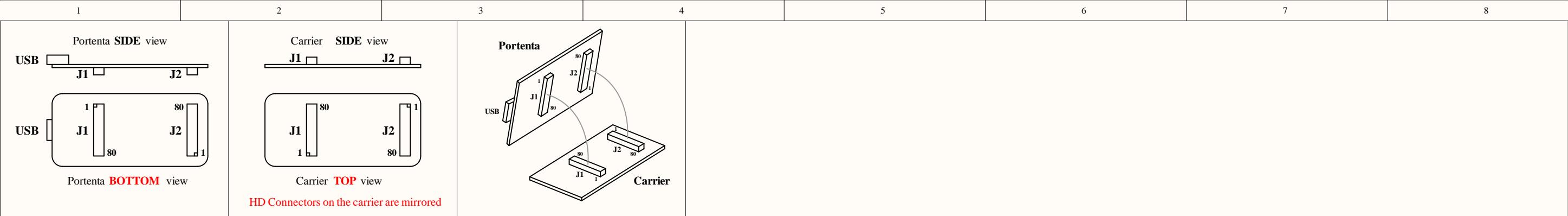
Date: 05/06/2024 Time: 14:44:45

Sheet 1 of 10

File: TOP.SchDoc Author: Daniela Catanzaro



RevAuthor: Daniela Catanzaro



SHARED PINS TABLE

NET	BUS 1	BUS 2
PB3, PH11, PH12, PI5, PI6, PI7, PA4, PA6, PC2, PC3	JTAG, CAM, I2C4, CAM, CAM, CAM, CAM, ANALOG, ANALOG, ANALOG	SDC2, I2C4, SAI2A, SAI2A, ANALOG, ANALOG, SPI2, SPI2
JTAG_RESET, TMS/SWD, TCK/SCK, TDO/SWO	JTAG_RESET, TMS/SWD, TCK/SCK, TDO/SWO	JTAG_RESET, TMS/SWD, TCK/SCK, TDO/SWO
RESET, VDD_SDCARD	RESET, VDD_SDCARD	RESET, VDD_SDCARD
TRST, TDI	TRST, TDI	TRST, TDI

POWER NETS TABLE

NET	TYPE
VIN	PORTESTA INPUT
VCC	PORTESTA OUTPUT
VSYS	PORTESTA RESERVED OUTPUT
LICELL	PORTESTA INPUT

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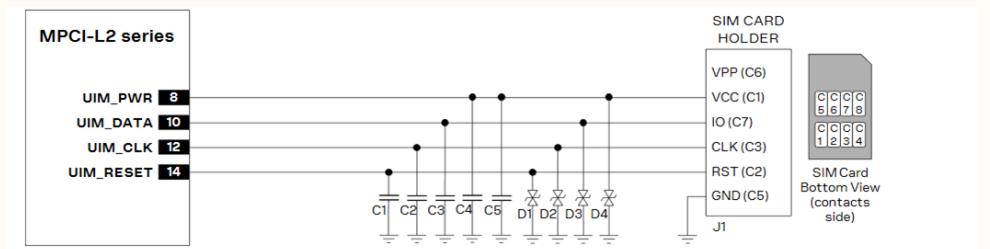
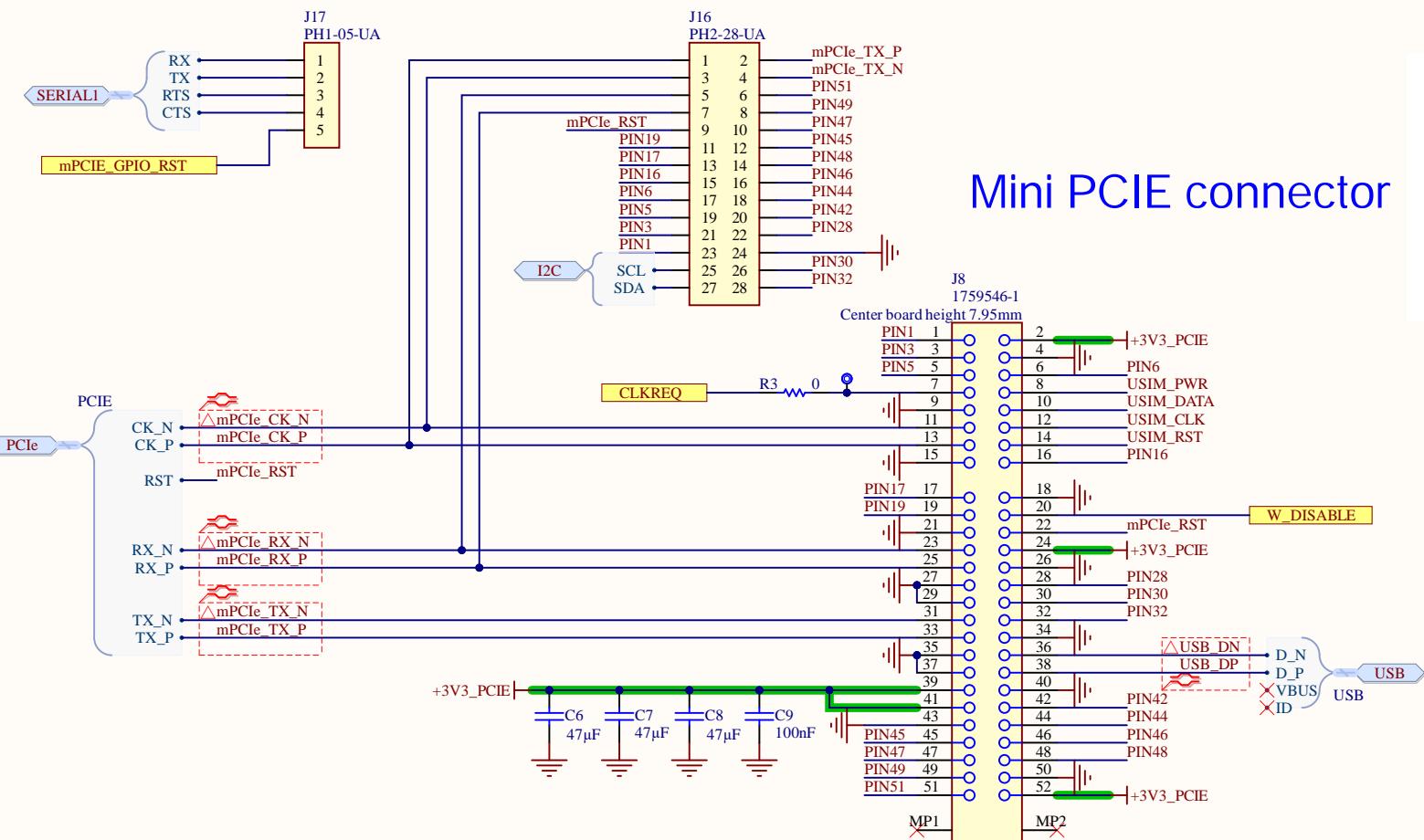
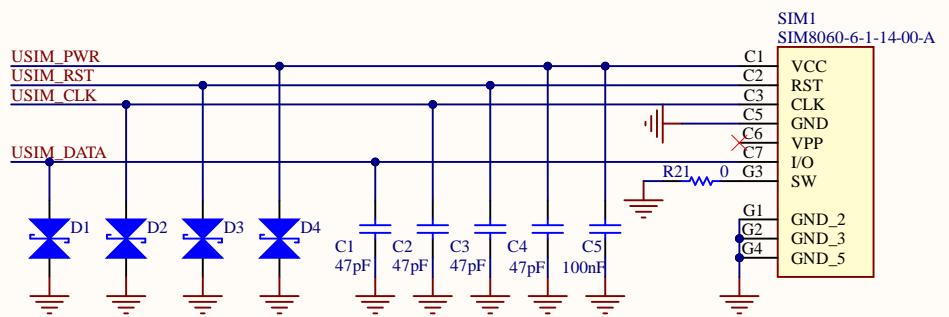
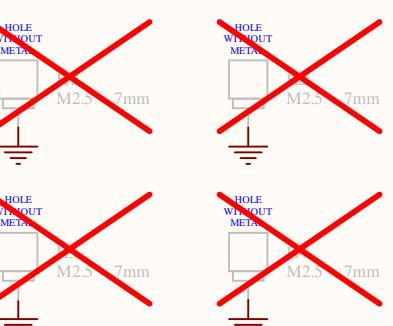
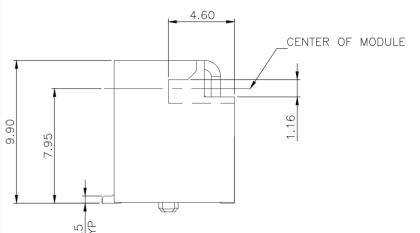
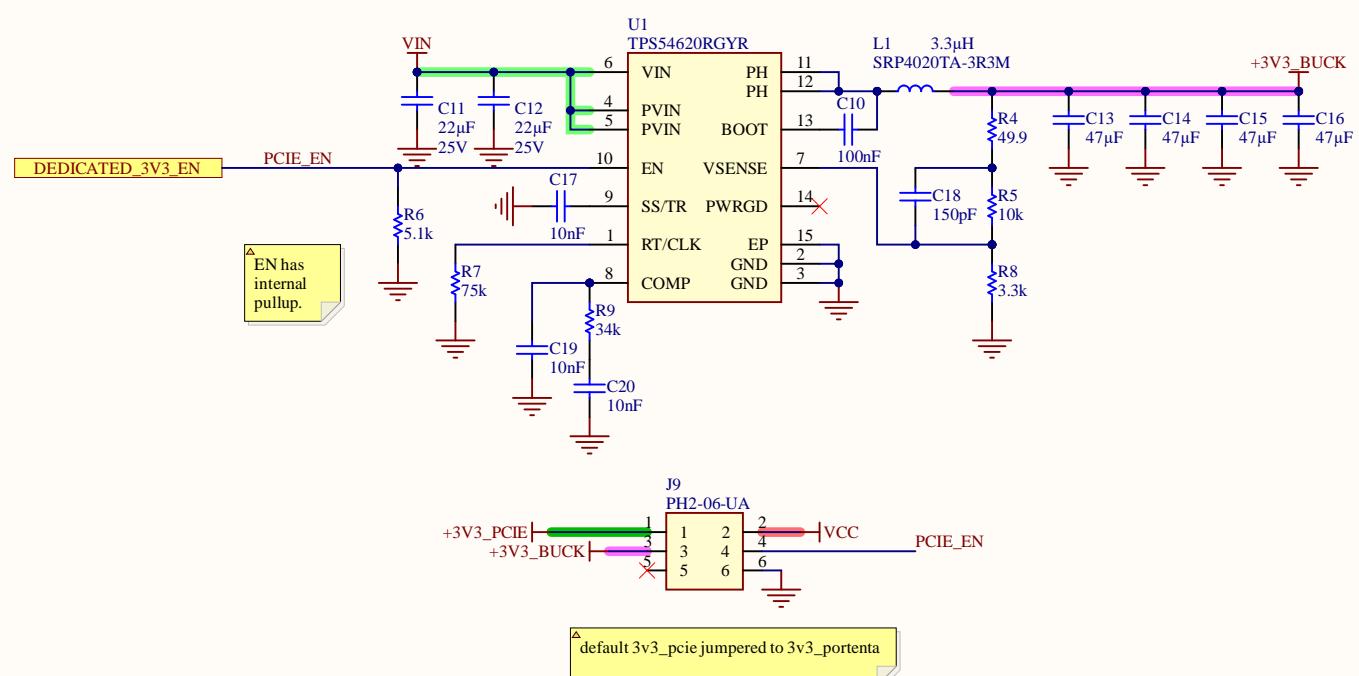


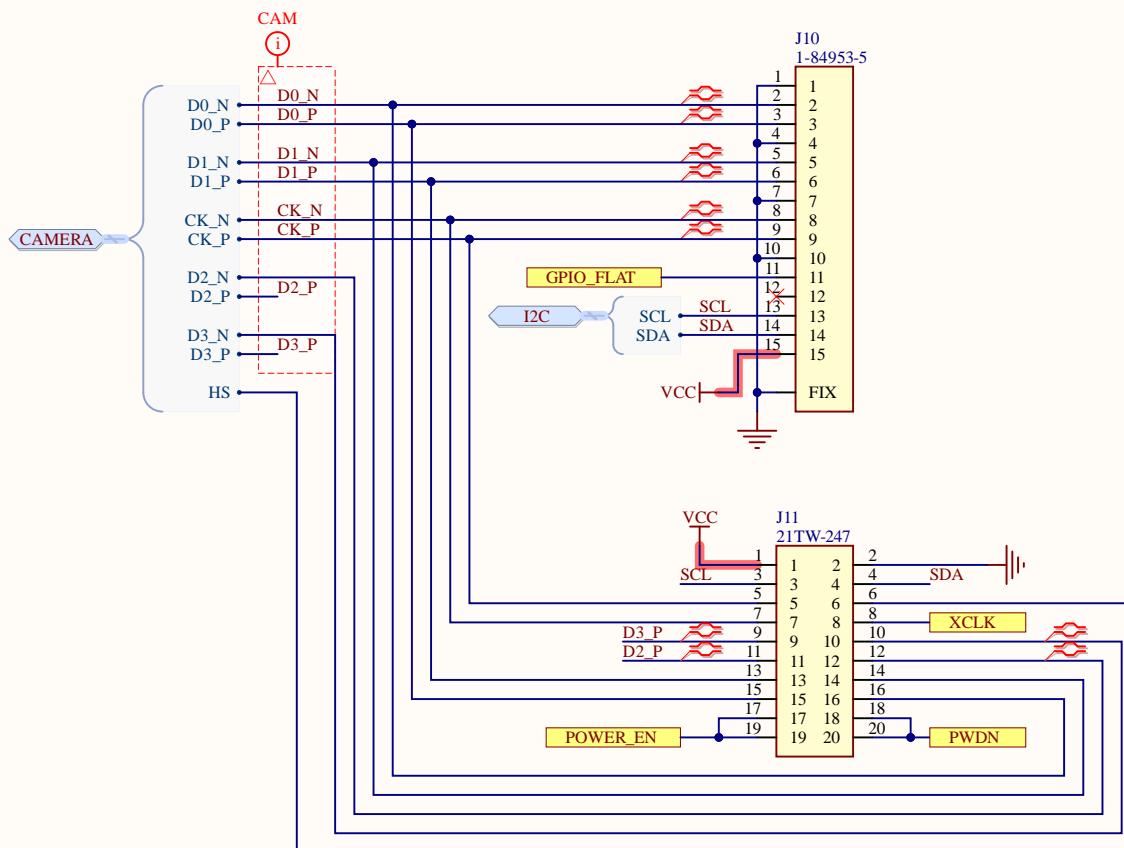
Figure 50: Application circuits for the connection to a single removable SIM card, with SIM detection not implemented



PCIE dedicated high current 3V3



Camera connectors



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Title: **CAMERA**

ID: [ASX0055](#)

Version: [V1.2](#)

Date: [05/06/2024](#) Time: [14:44:48](#)

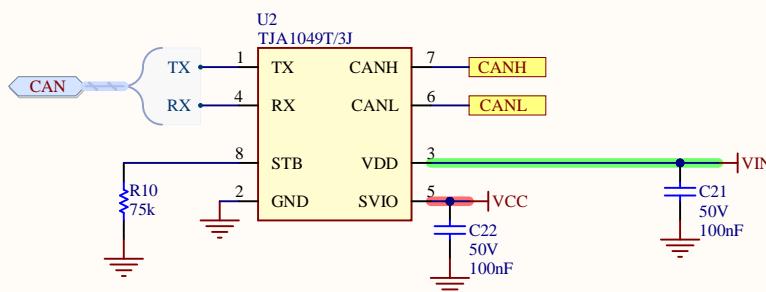
Sheet [4](#) of [10](#)

File: [CAMERA.SchDoc](#)

Author: [Daniela Catanzaro](#)



CAN Transceiver



A

A

B

B

C

C

D

D

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Title: CAN PHY

ID: ASX0055

Version: V1.2

Date: 05/06/2024 Time: 14:44:49

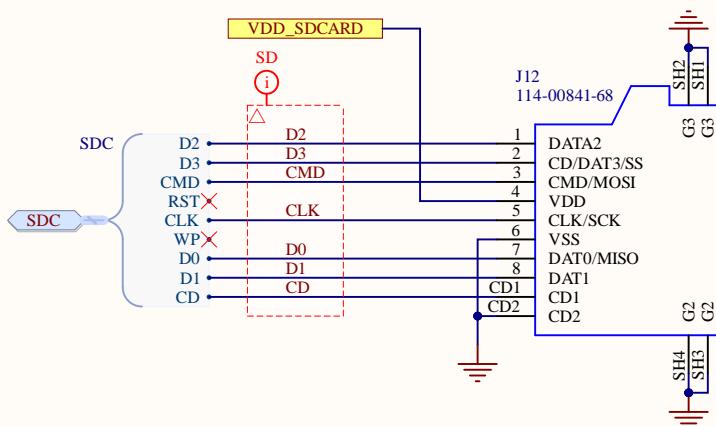
Sheet 5 of 10

File: CAN_PHY.SchDoc

Author: Daniela Catanzaro



SD Card



A

A

B

B

C

C

D

D

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Title: SD card

ID: ASX0055

Version: V1.2

Date: 05/06/2024 Time: 14:44:49

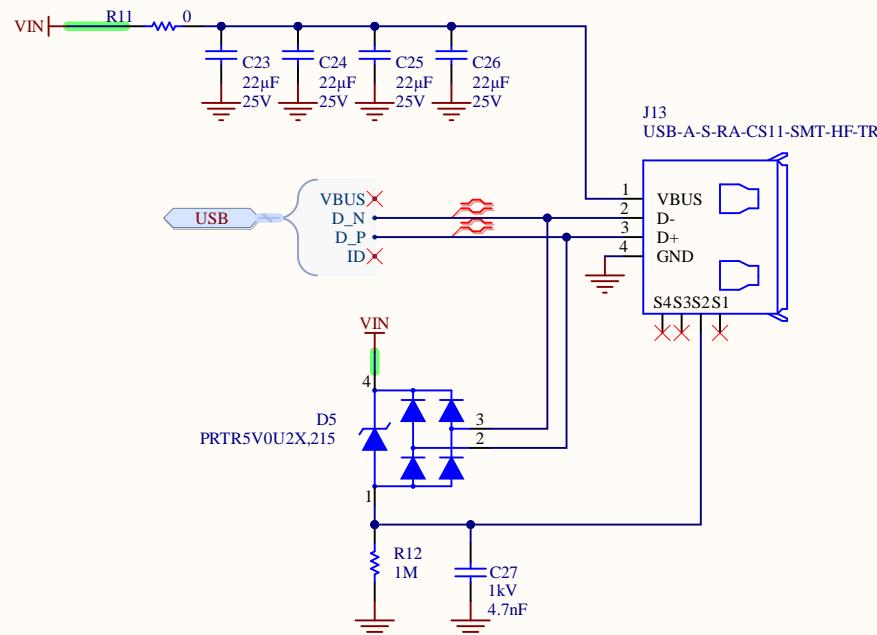
Sheet 6 of 10

File: SDcard.SchDoc

Author: Daniela Catanzaro



USB Connector



A

A

B

B

C

C

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Title: **USB**

ID: [ASX00055](#)

Version: [V1.2](#)

Date: [05/06/2024](#)

Time: [14:44:50](#)

Sheet [7](#) of 10

File: [USB.SchDoc](#)

Author: [Daniela Catanzaro](#)



A

B

C

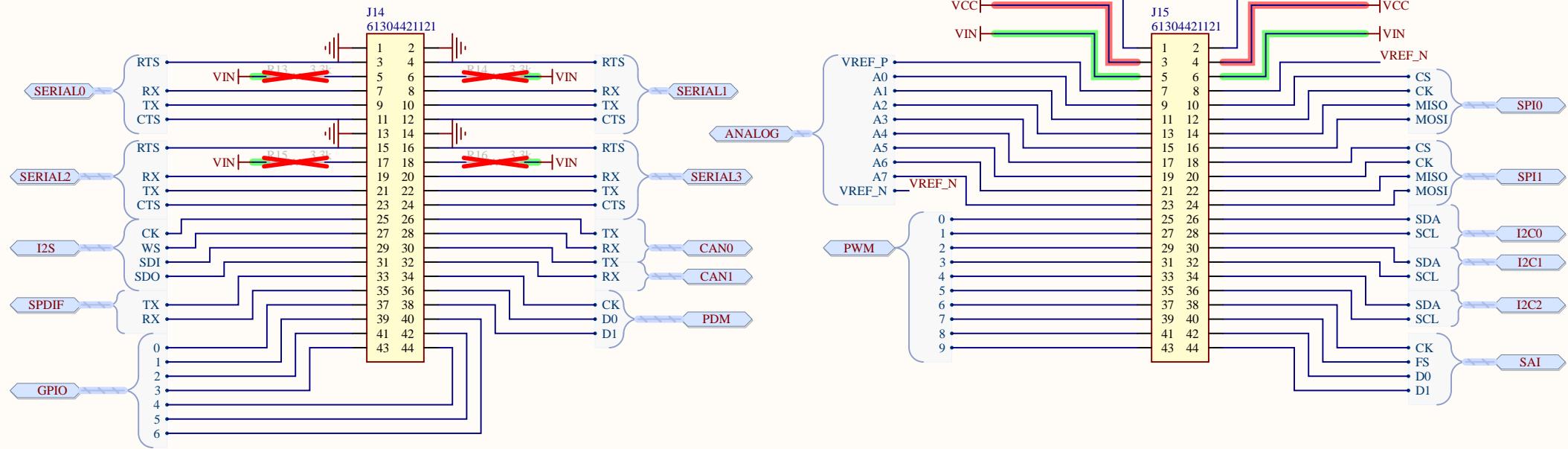
D

A

B

C

D



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Title: HEADERS

ID: ASX0055

Version: V1.2

Date: 05/06/2024 Time: 14:44:51

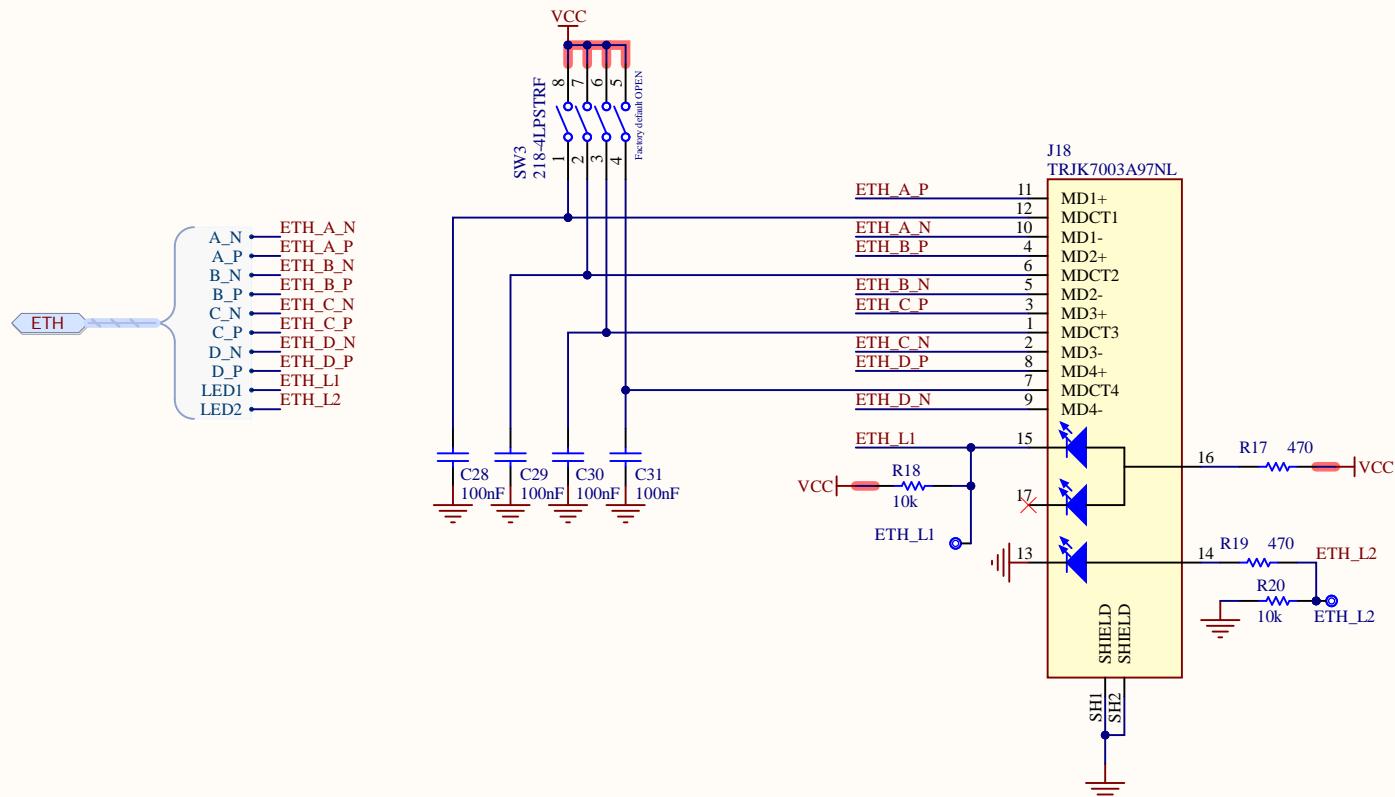
Sheet 8 of 10

File: HEADERS.SchDoc

Author: Daniela Catanzaro



Ethernet Connector



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Title: ETHERNET

ID: ASX0055

Version: V1.2

Date: 05/06/2024 Time: 14:44:52

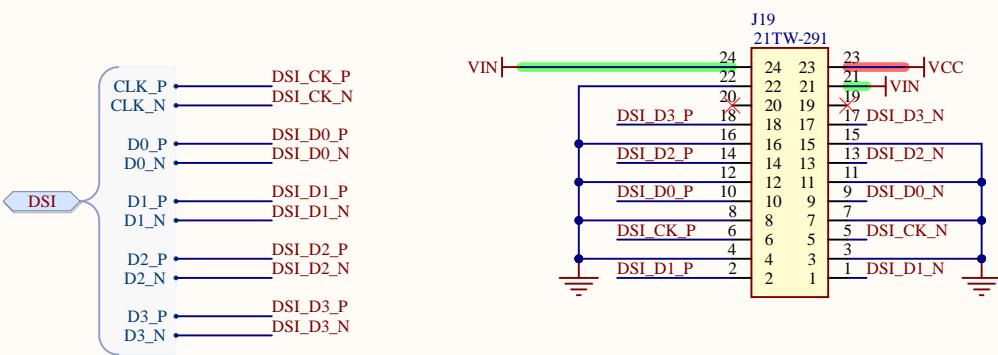
Sheet 9 of 10

File: ETH.SchDoc

Author: Daniela Catanzaro



Display Connector



A

A

B

B

C

C

D

D

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Title: **USB**

ID: [ASX00055](#)

Version: [V1.2](#)

Date: [05/06/2024](#) Time: [14:44:53](#)

Sheet [10 of 10](#)

File: [DSI.SchDoc](#)

Author: [Daniela Catanzaro](#)



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