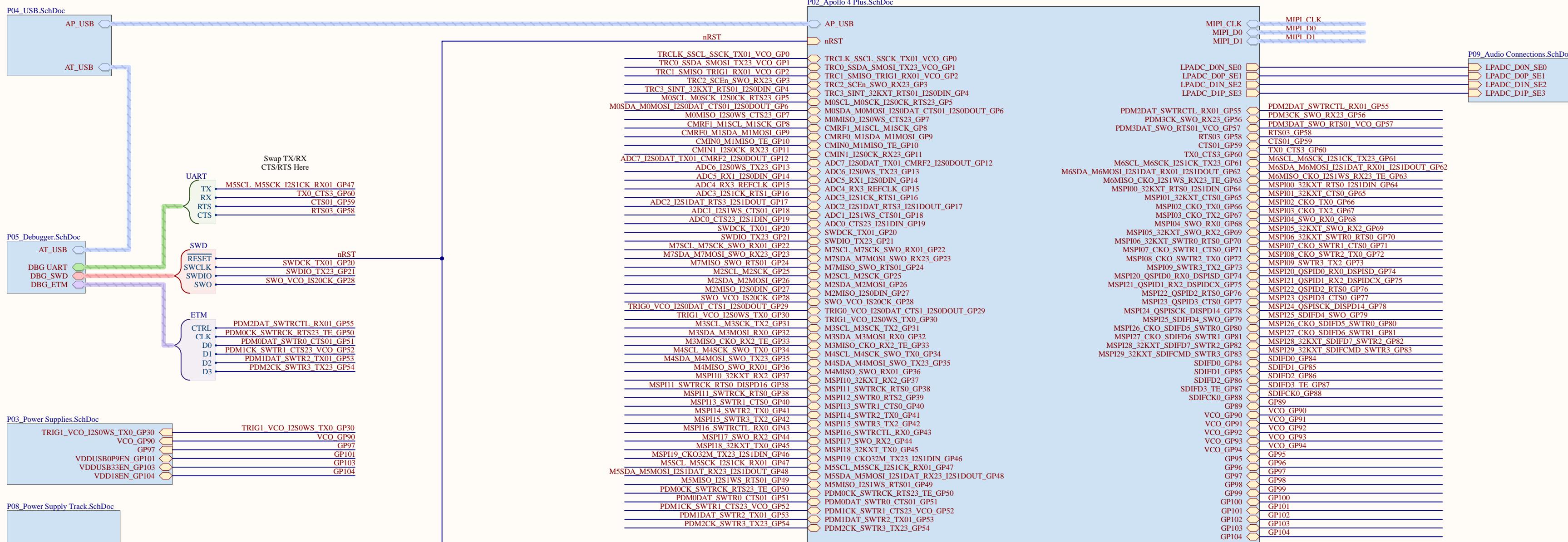
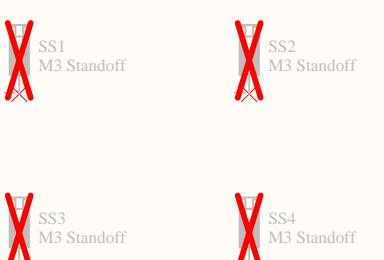


Apollo4 Plus EVB Connection Diagram



Stand Offs



Revision History

12/07/2021

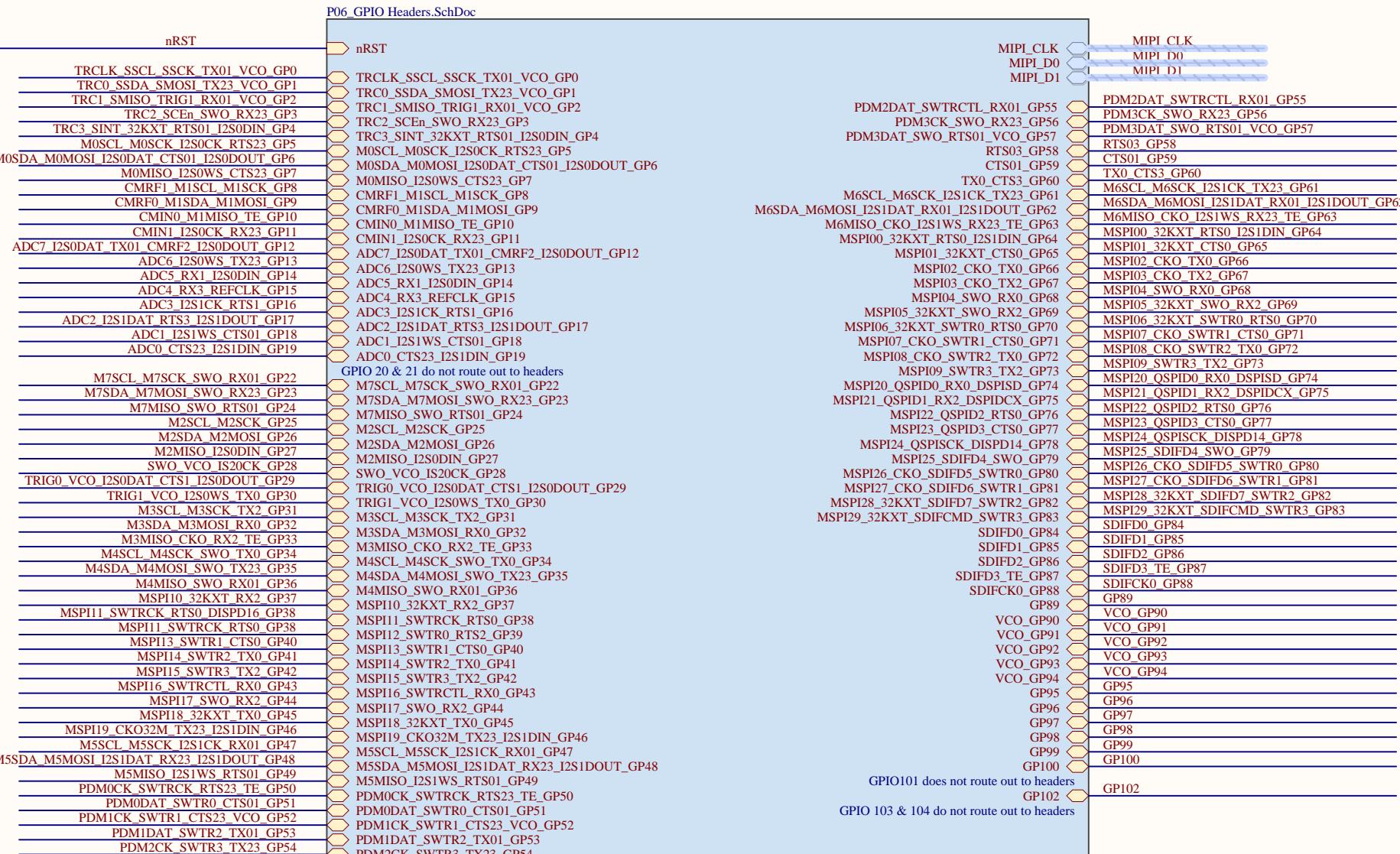
1) Initial release

02/16/2022

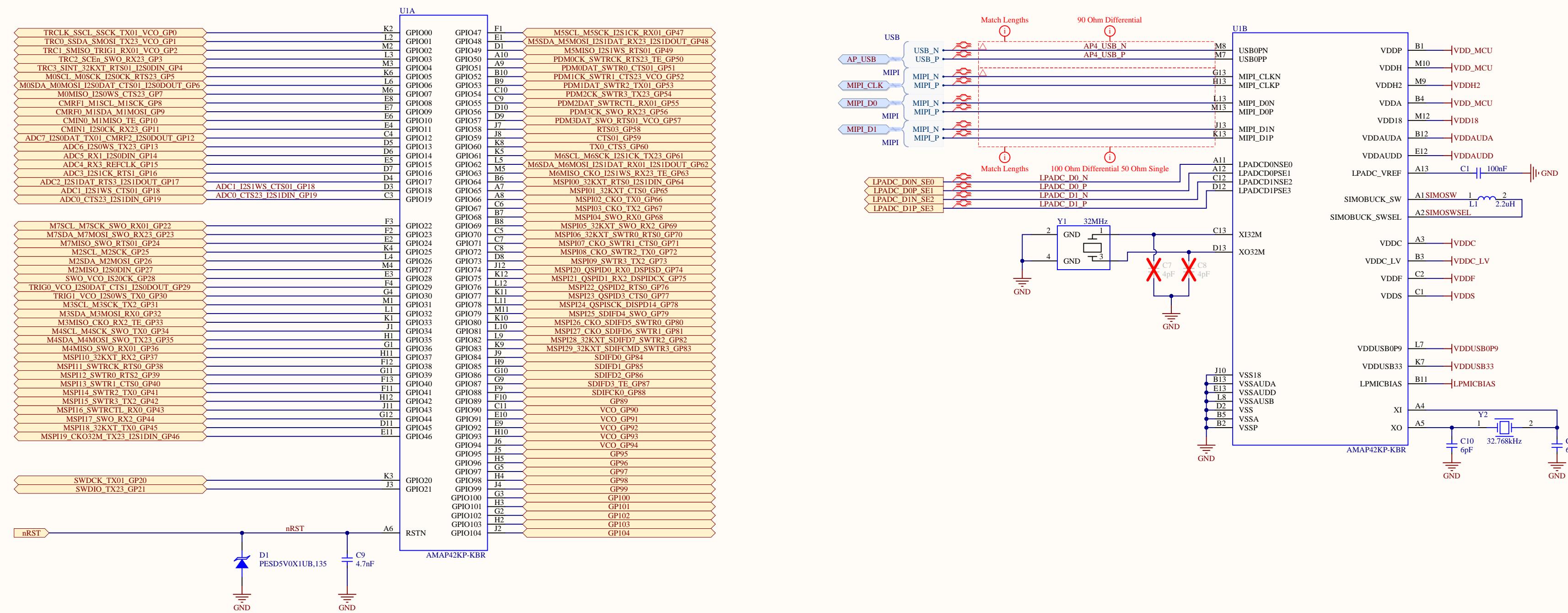
- 1) Update to onboard JLINK solution

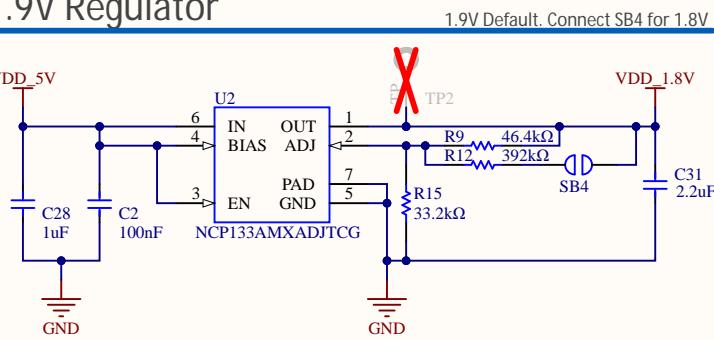
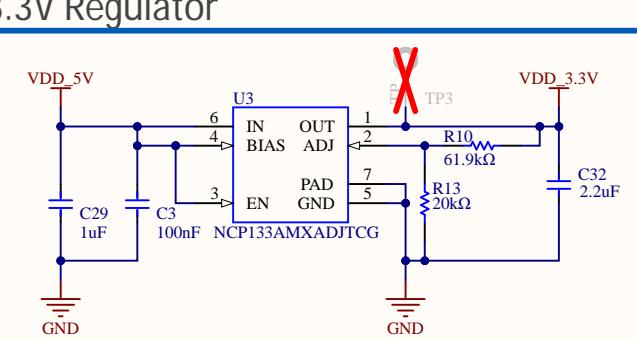
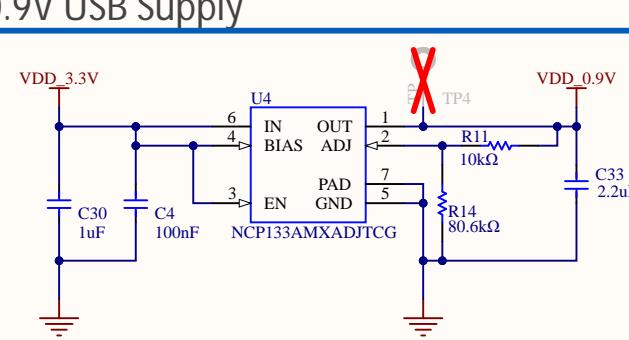
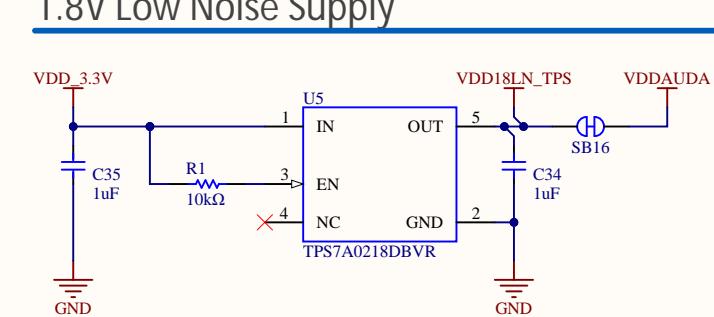
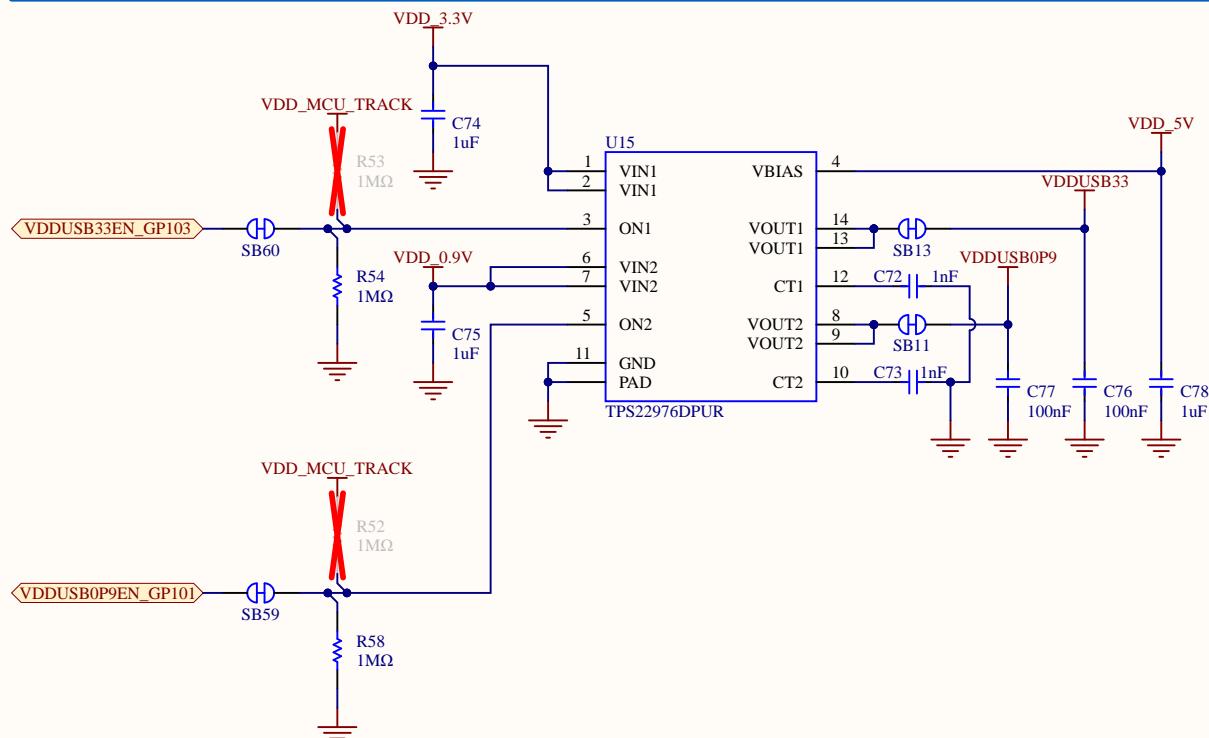
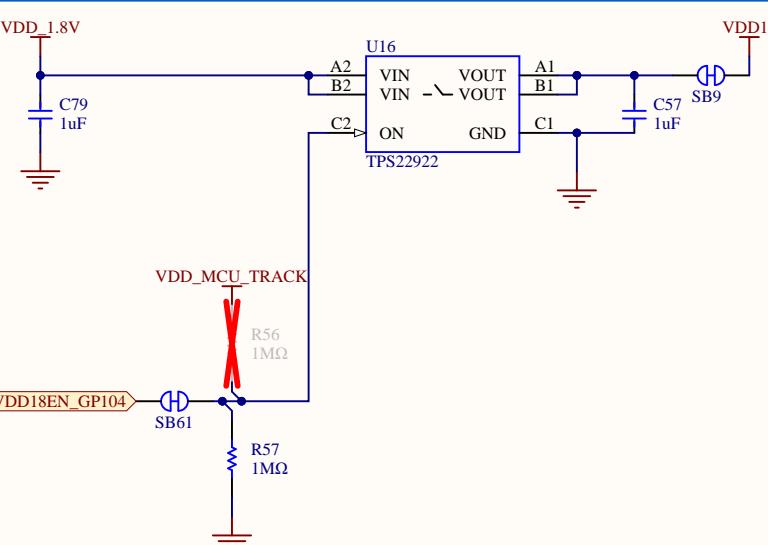
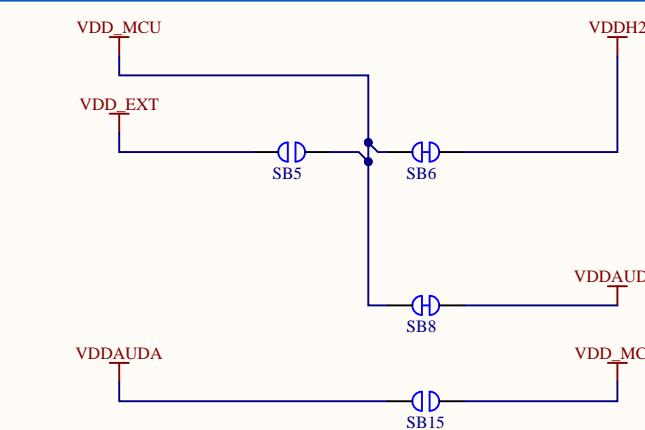
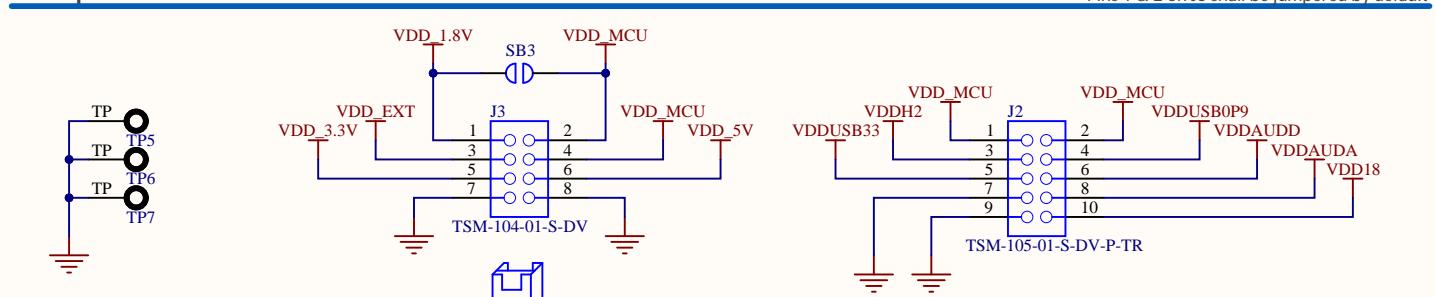
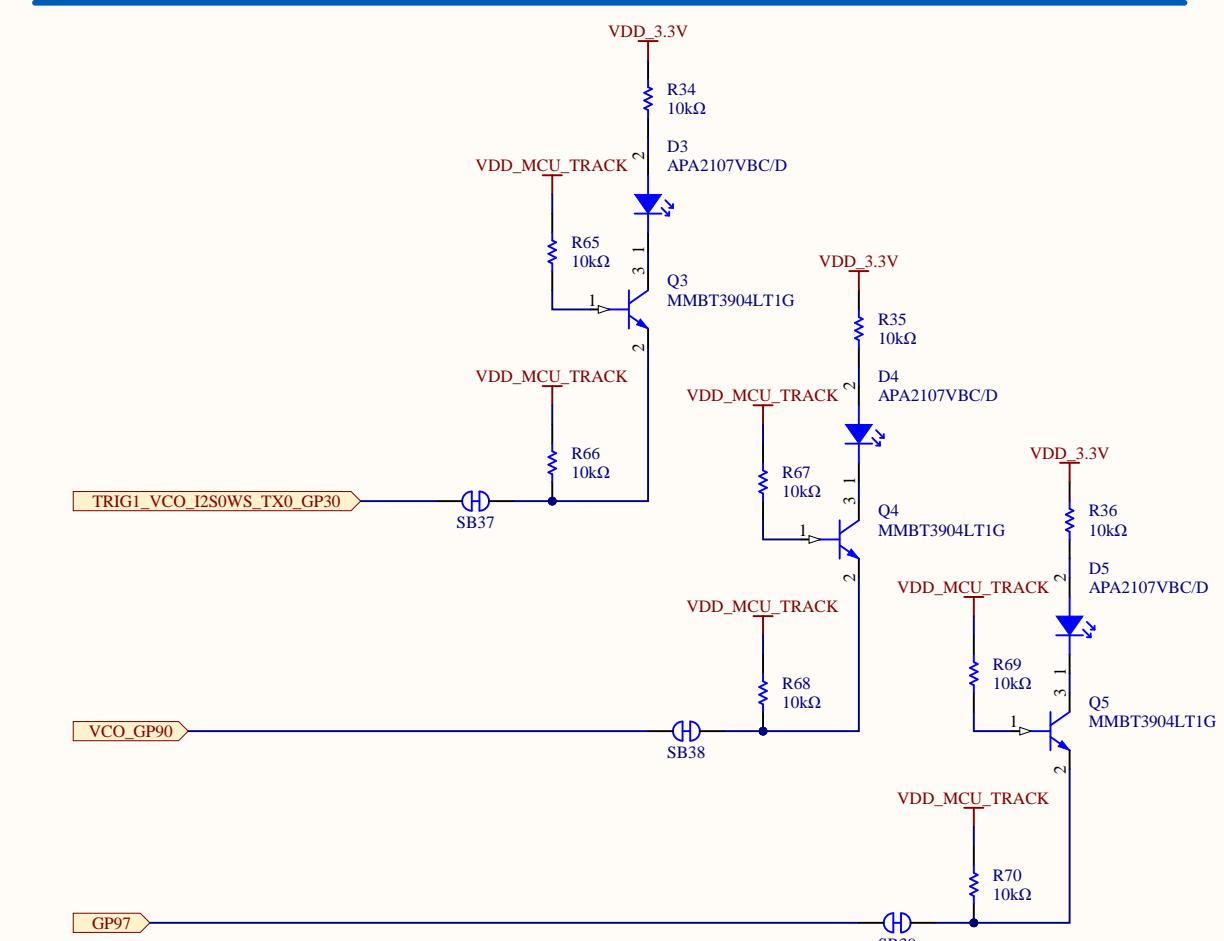
03/01/2023

- 1) Ported design from Cadence Allegro to Altium Designer
 - 2) Update to onboard JLINK solution

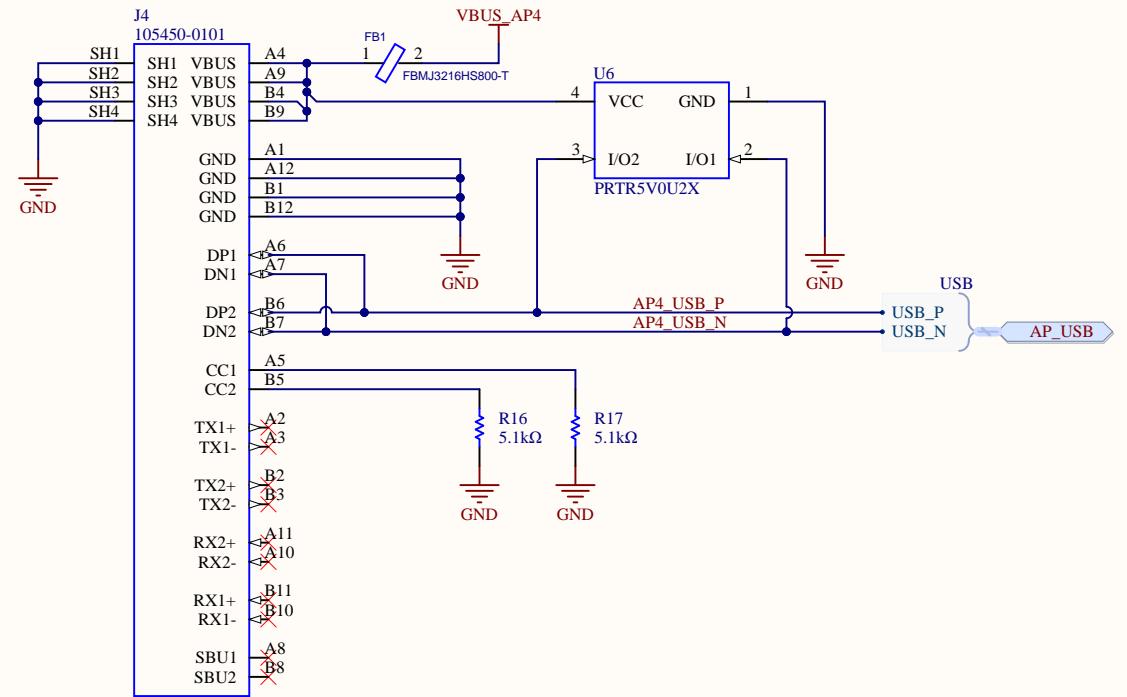


Apollo4 Plus

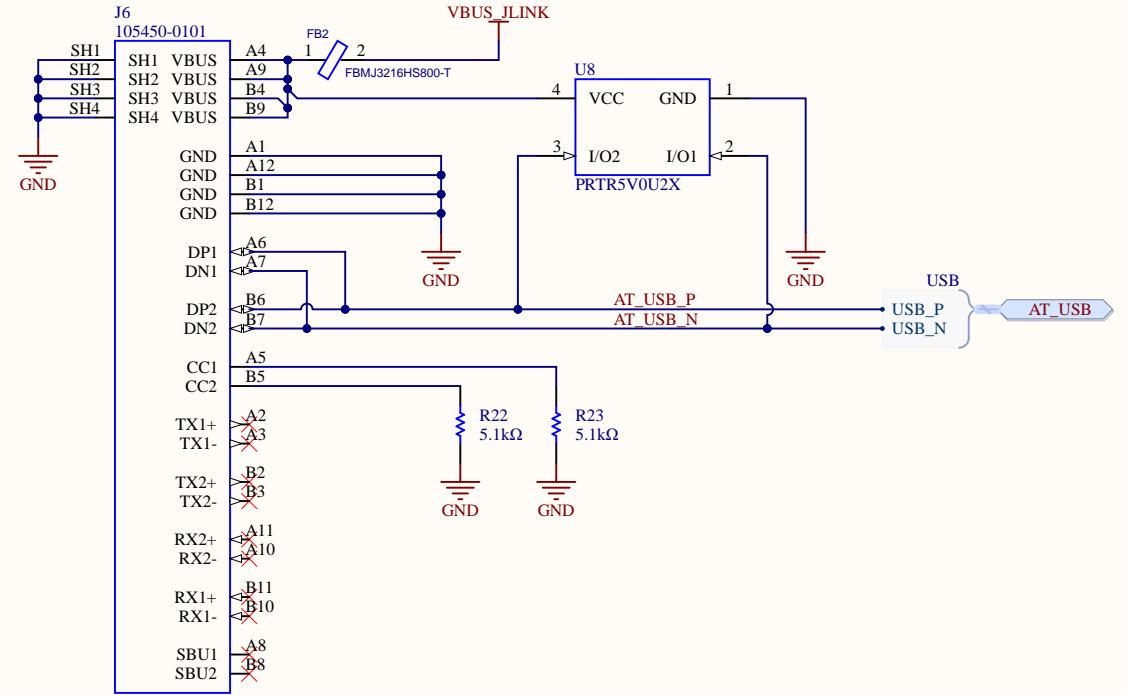


1.9V Regulator**3.3V Regulator****0.9V USB Supply****1.8V Low Noise Supply****USB Sequencing****MIPI Sequencing****Supply Solder Bridges****Testpoints****LED GPIO Solder-Bridges**

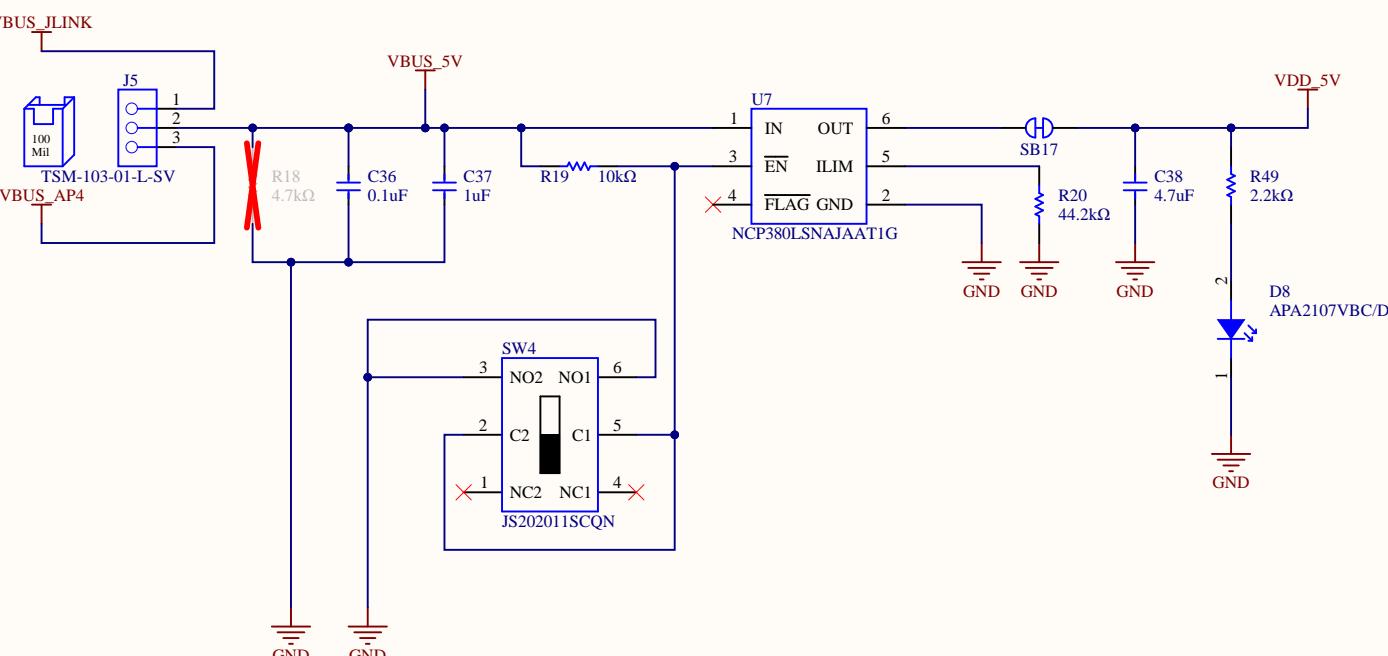
Apollo4 Plus USB Connector



Onboard J-Link USB Connector



5V Source Select & USB Protection Circuit



Title
Apollo4 Plus EVB

Revision
3.0

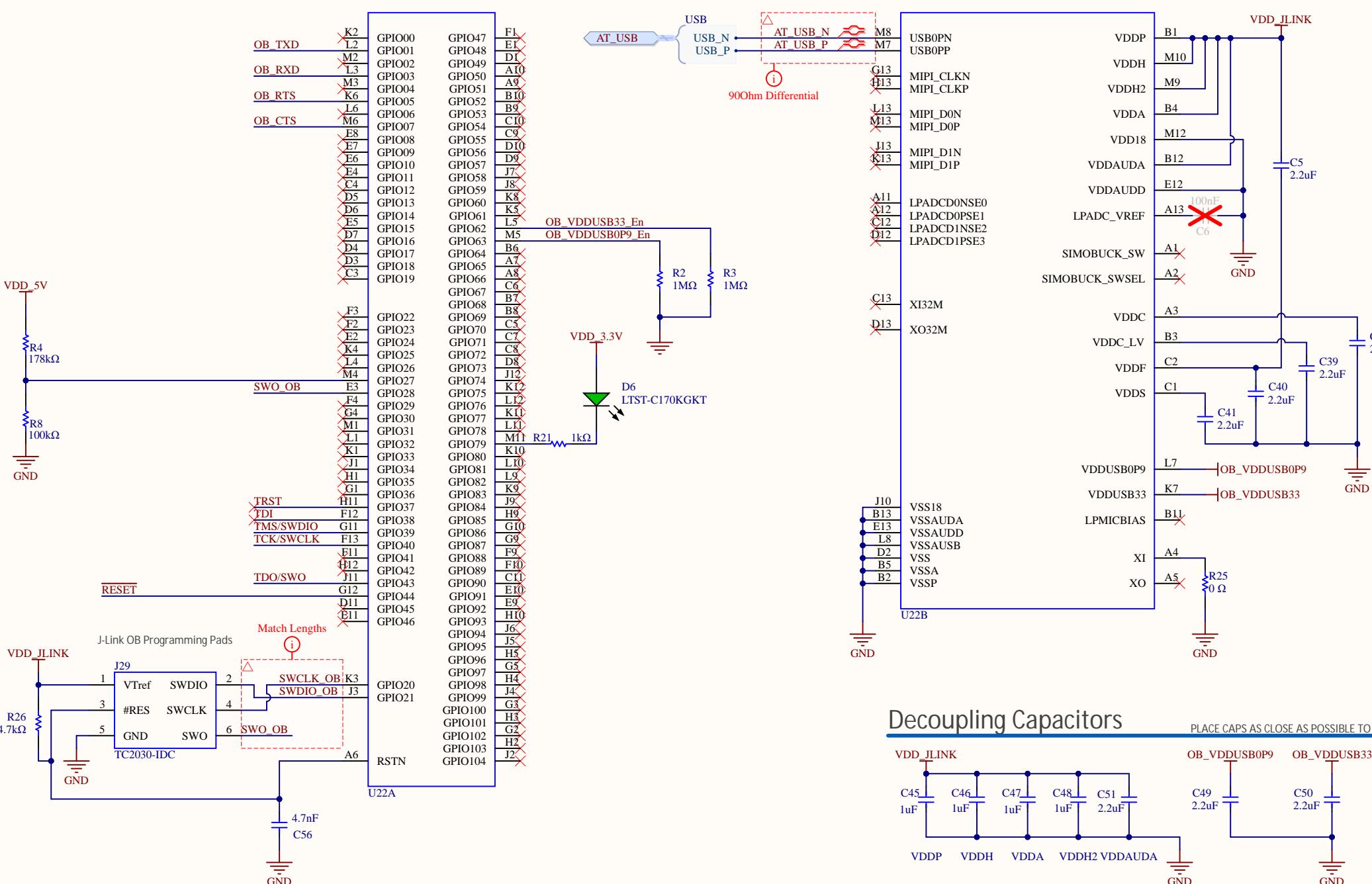
Sheet Name
P04_USB

Sheet 4 of 8

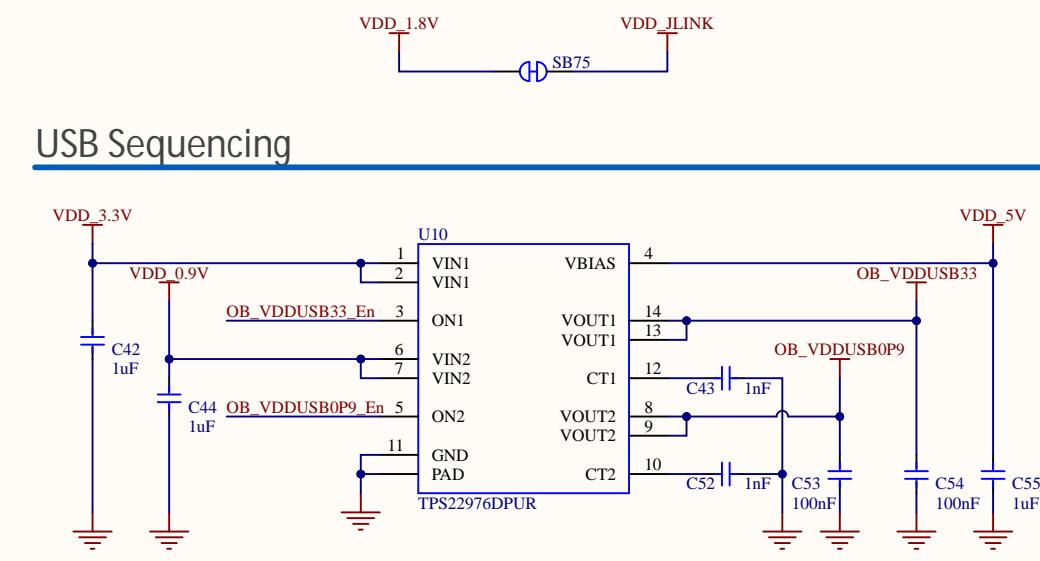
Date 2/7/2023 Drawn By Chad Crosby 2/7/2023
Number AMAP4PEVB Aprvd By Daniel Lanzone 2/8/2023

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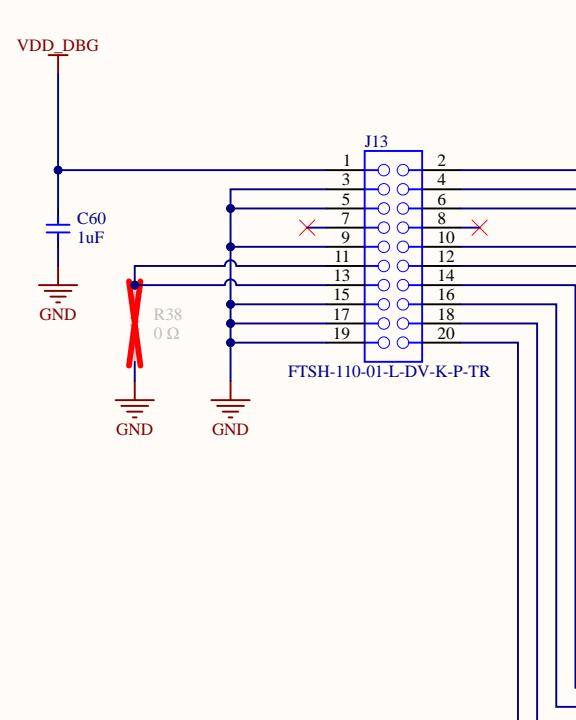
J-LINK Onboard Debugger



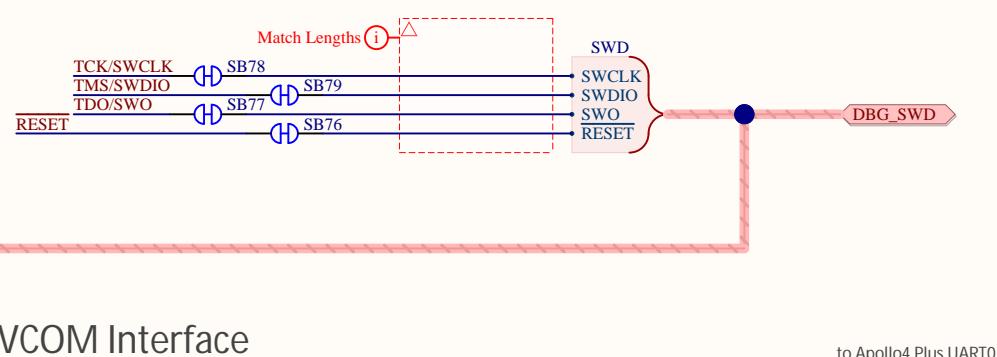
J-Link Voltage Disconnect Solder-Bridge



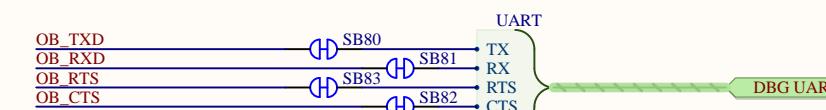
Debug-In Header



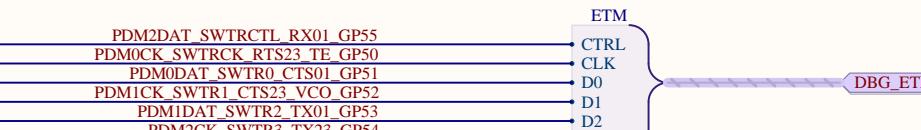
Target Debug Interface



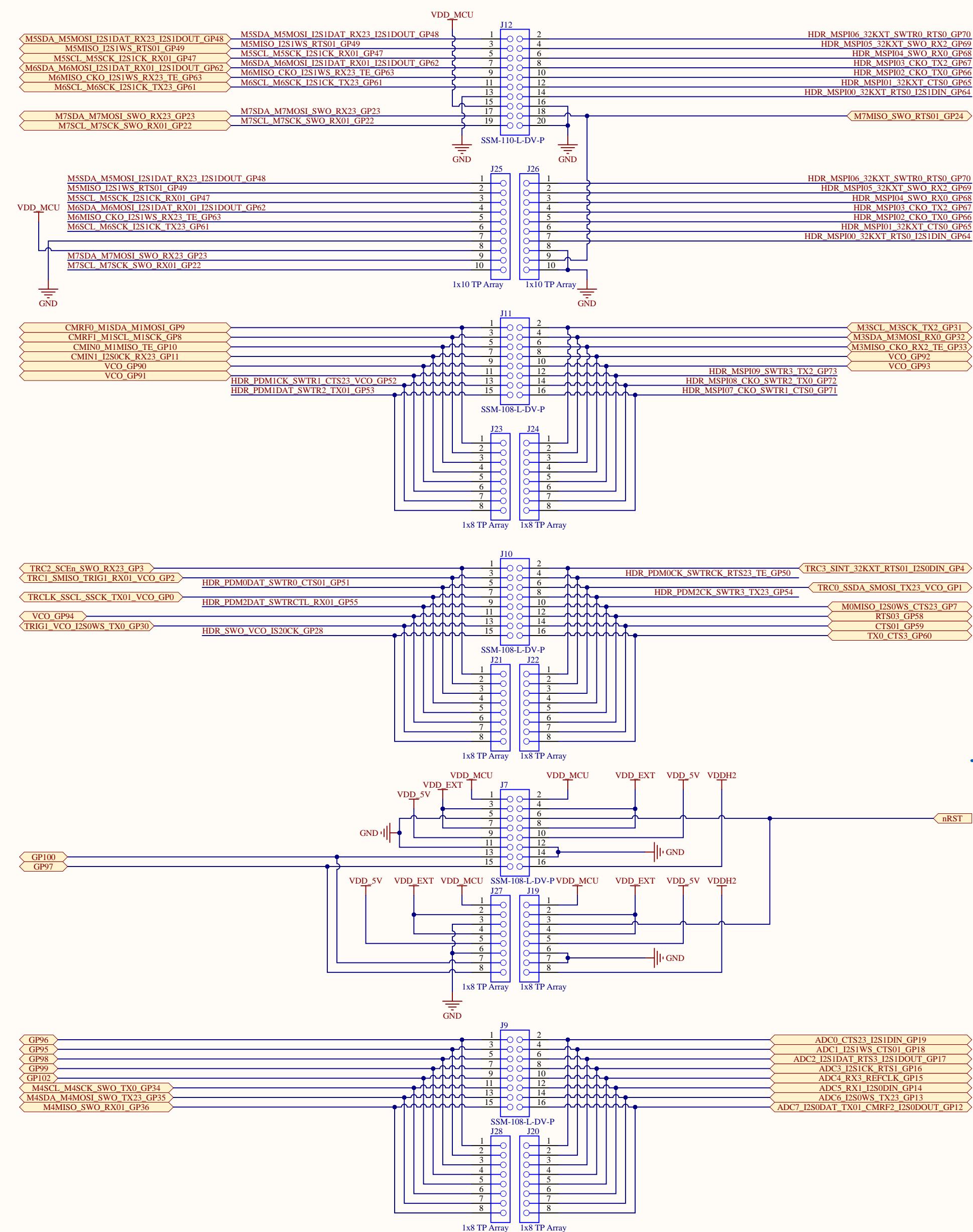
VCOM Interface



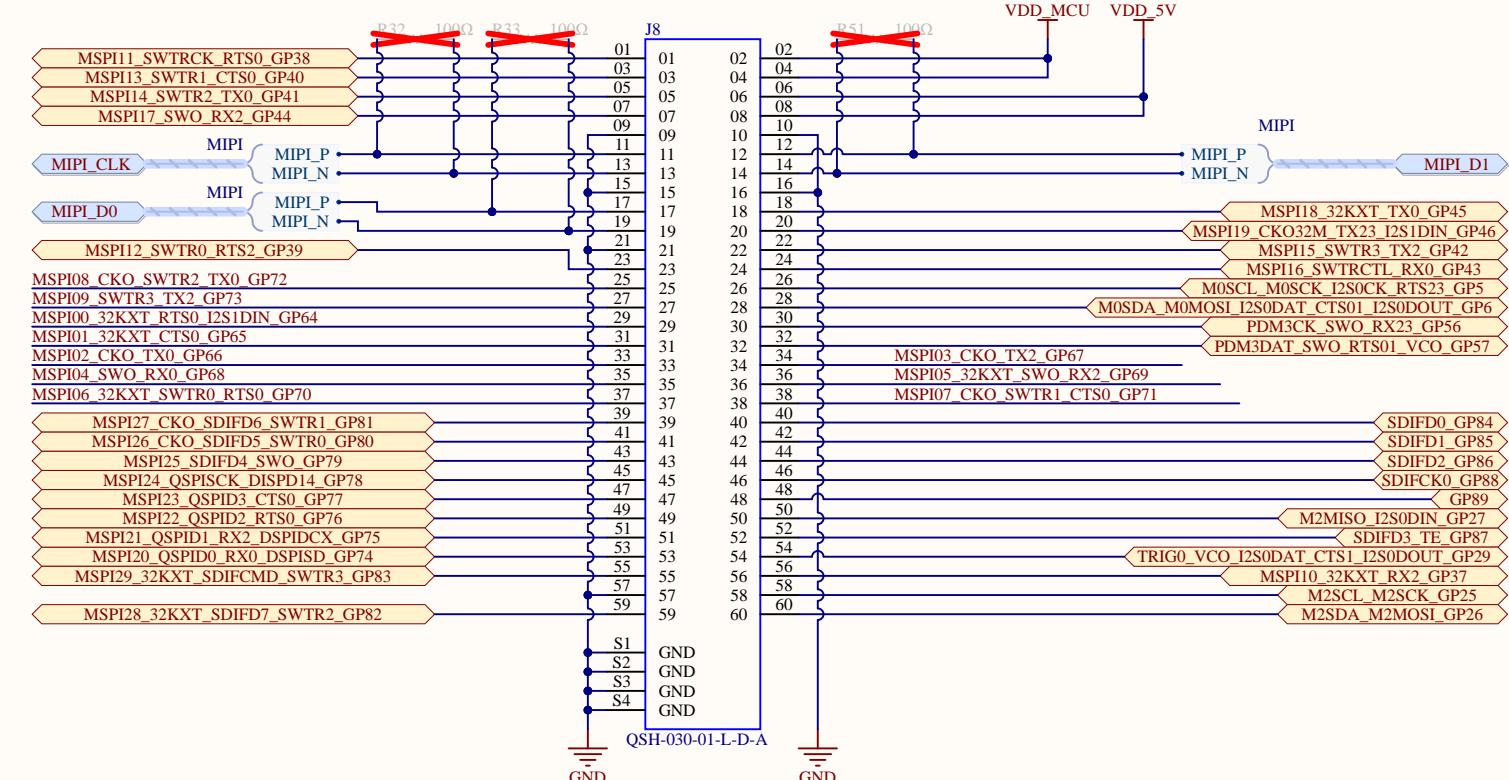
ETM Interface



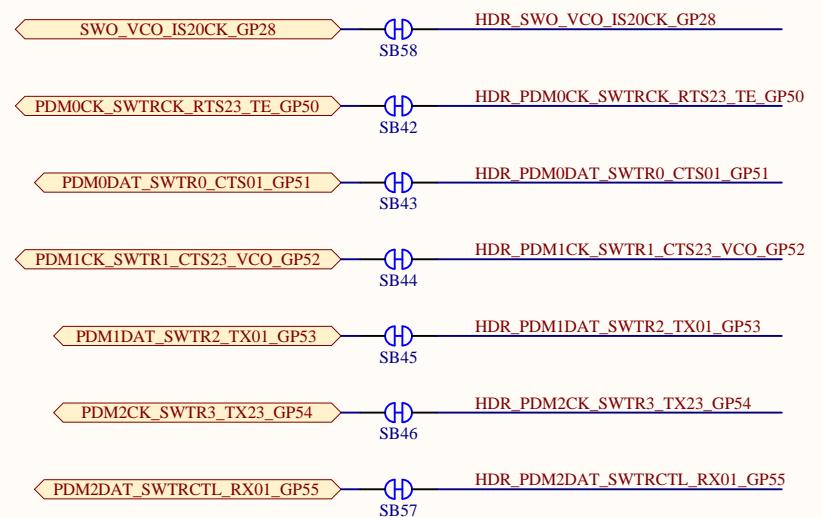
Arduino-Style GPIO Headers and Testpoint Arrays



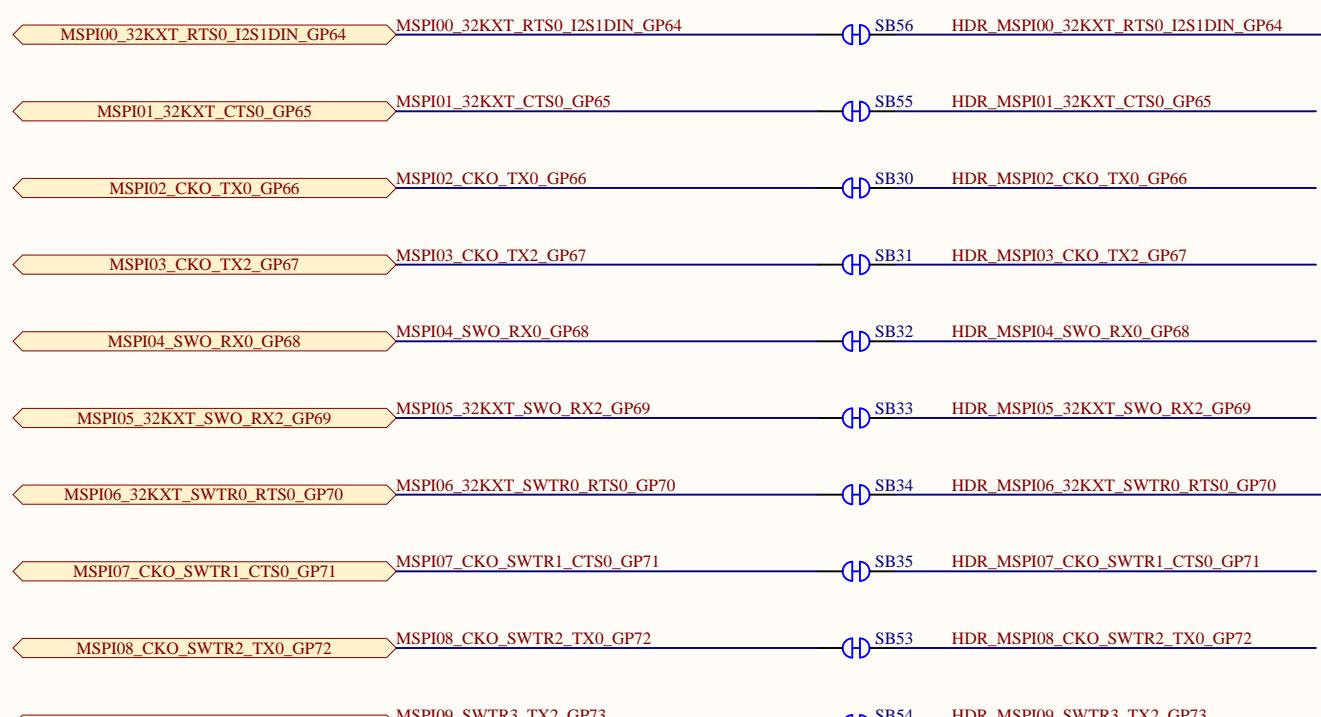
High-Speed Header



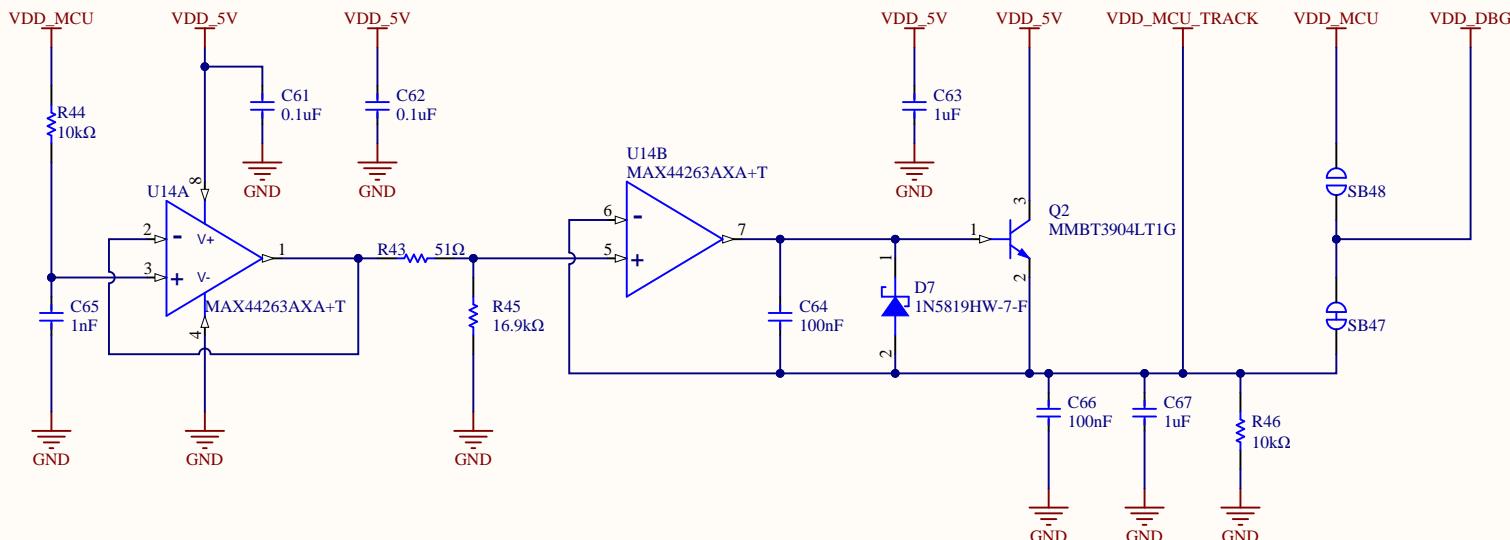
Debug Signal to GPIO Connector Solder-Bridges



[Display Controller GPIO Solder-Bridges](#)



Power Supply Tracker



6500 River Place Boulevard
Building 7, Suite 200
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+1 (512) 879-2850

Title
Apollo4 Plus EVB

Revision
3.0

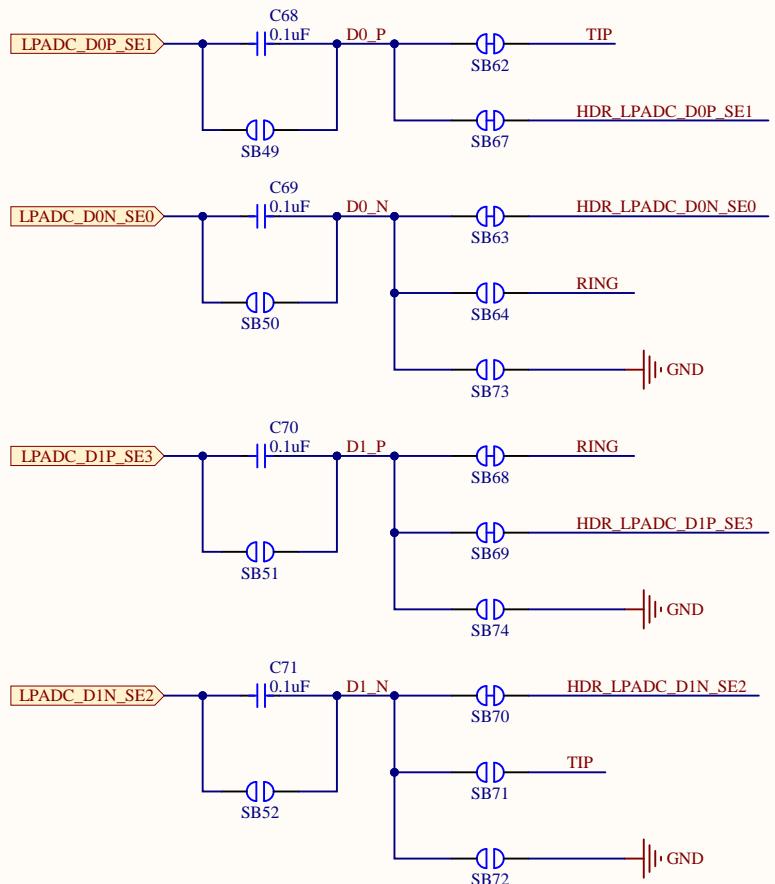
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P08_Power Supply Track

Sheet 7 of 8

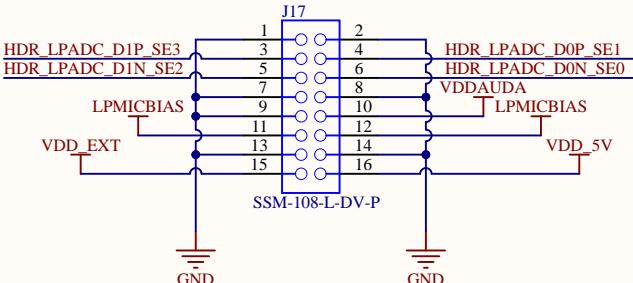
Date	2/7/2023	Drawn By	Chad Crosby	2/7/2023
Number	AMAP4PEVB	Aprvd By	Daniel Lanzone	2/8/2023

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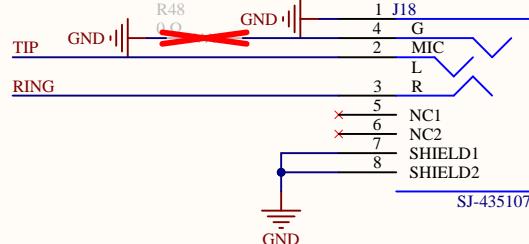
LPADC Solder Bridge Options



LPADC Voltage Header



LPADC 3.5mm Headphone Jack



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Title Apollo4 Plus EVB

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P09_Audio Connection

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AMAP4PEVR

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