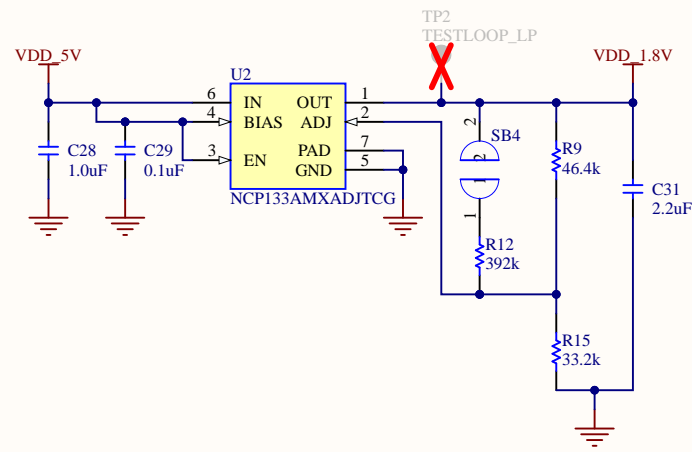
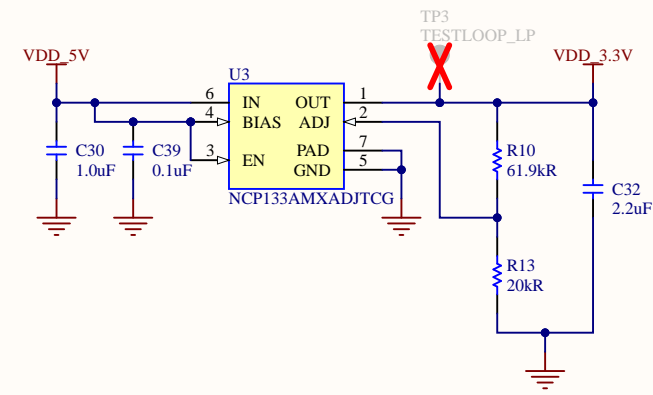


1.9V Regulator

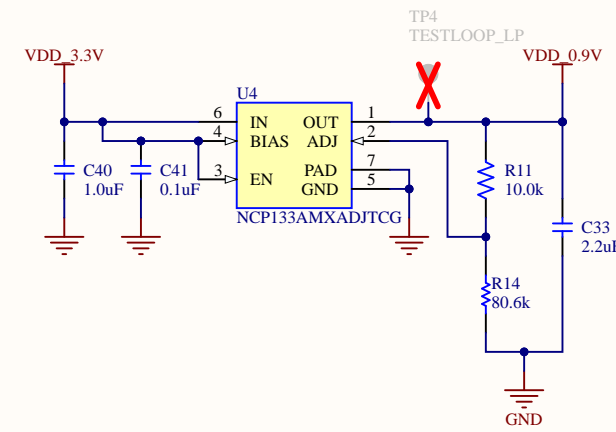
1.9V Default. Connect SB4 for 1.8V



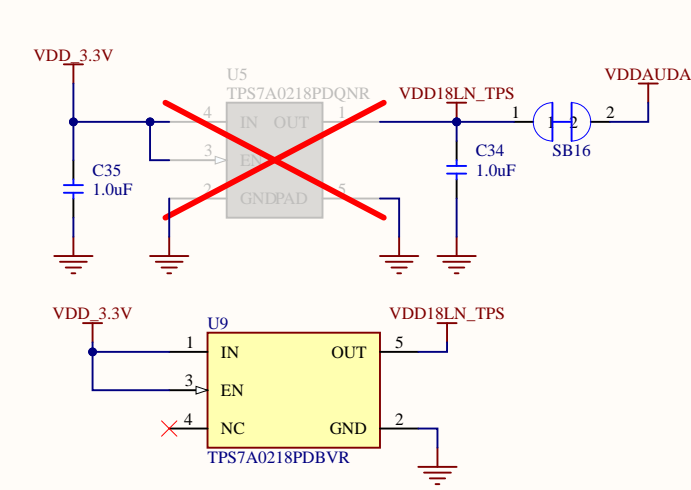
3.3V Regulator



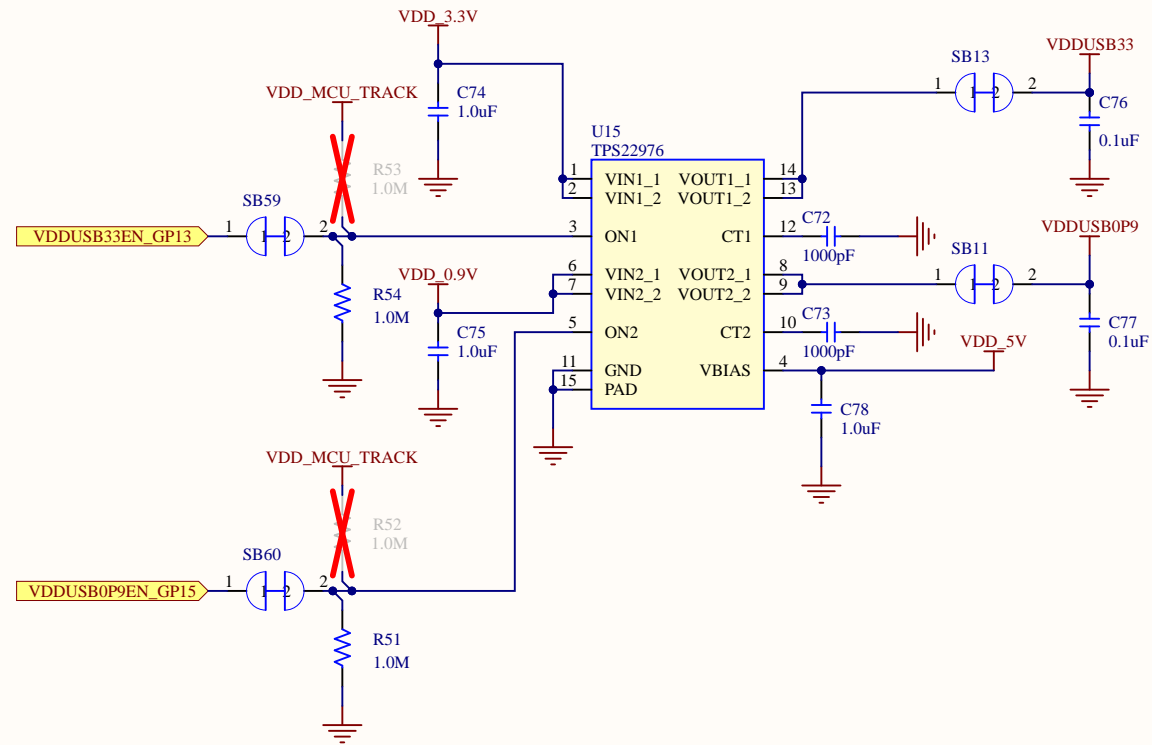
0.9V USB Supply



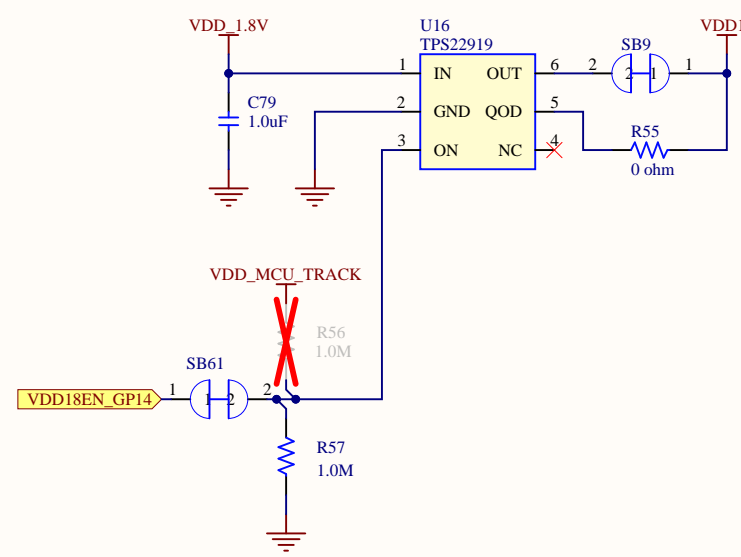
1.8V Low Noise Supply



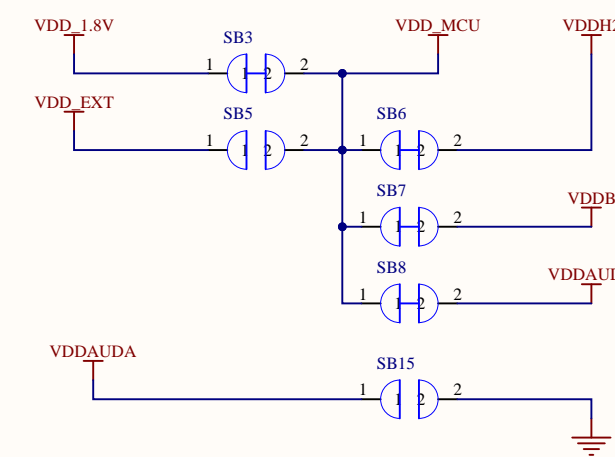
USB Sequencing



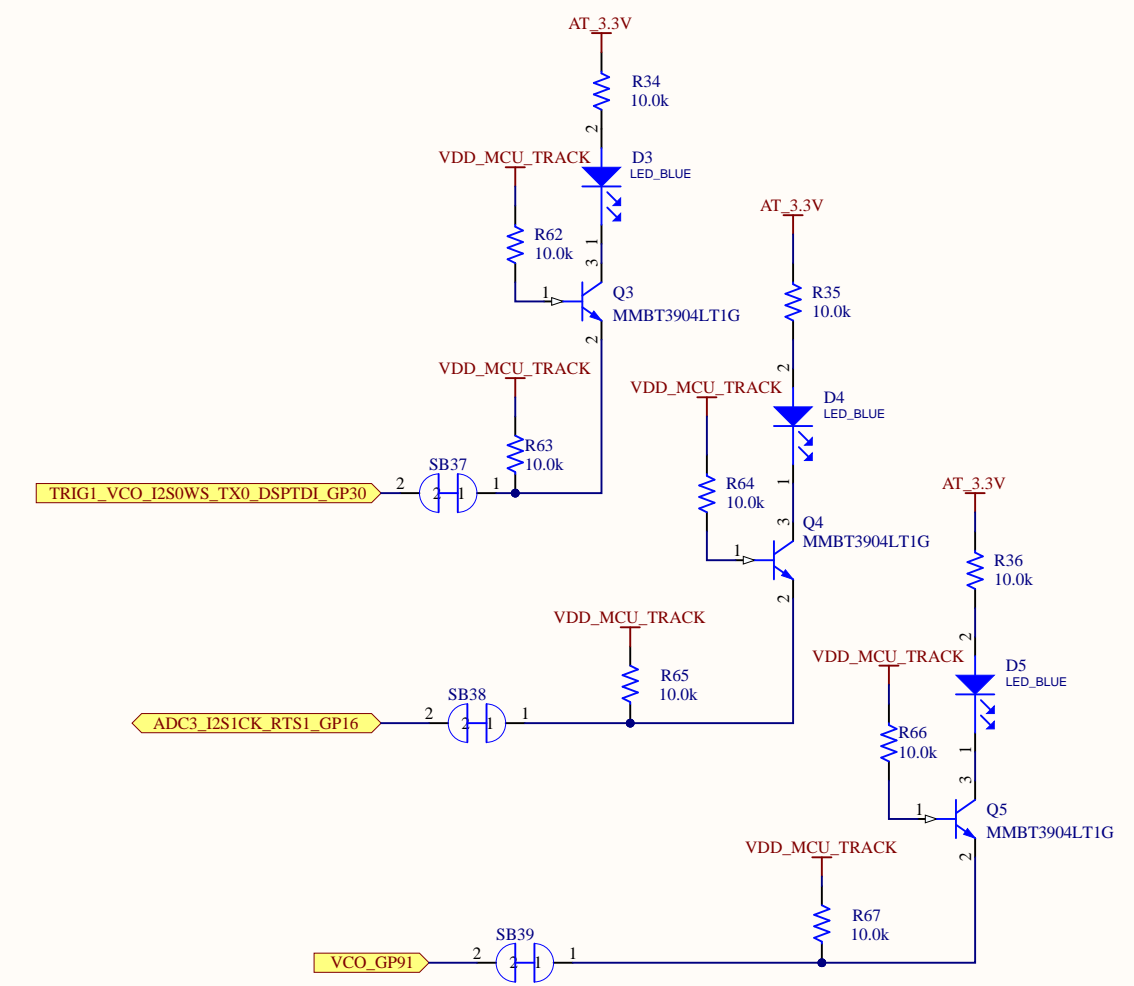
MIPI Sequencing



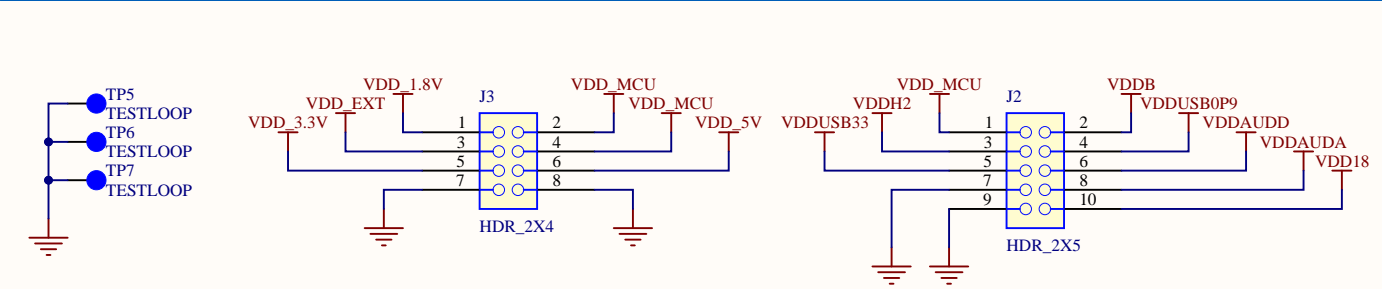
Supply Solder Bridges



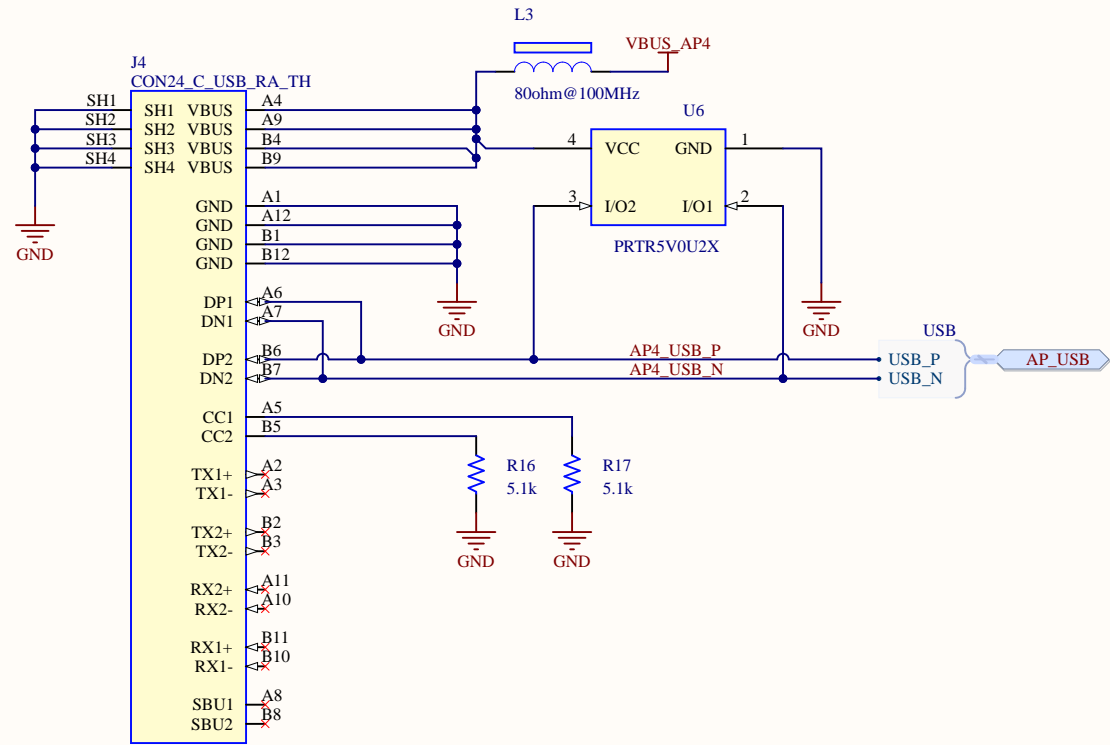
LED GPIO Solder-Bridges



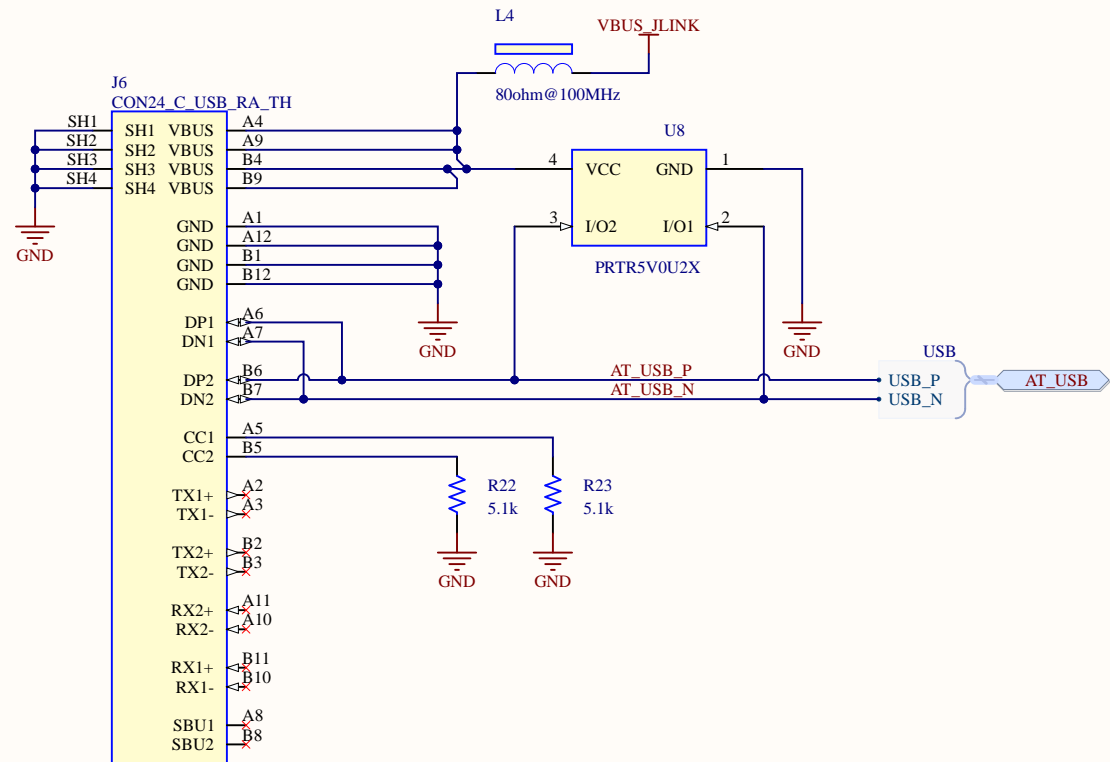
Testpoints



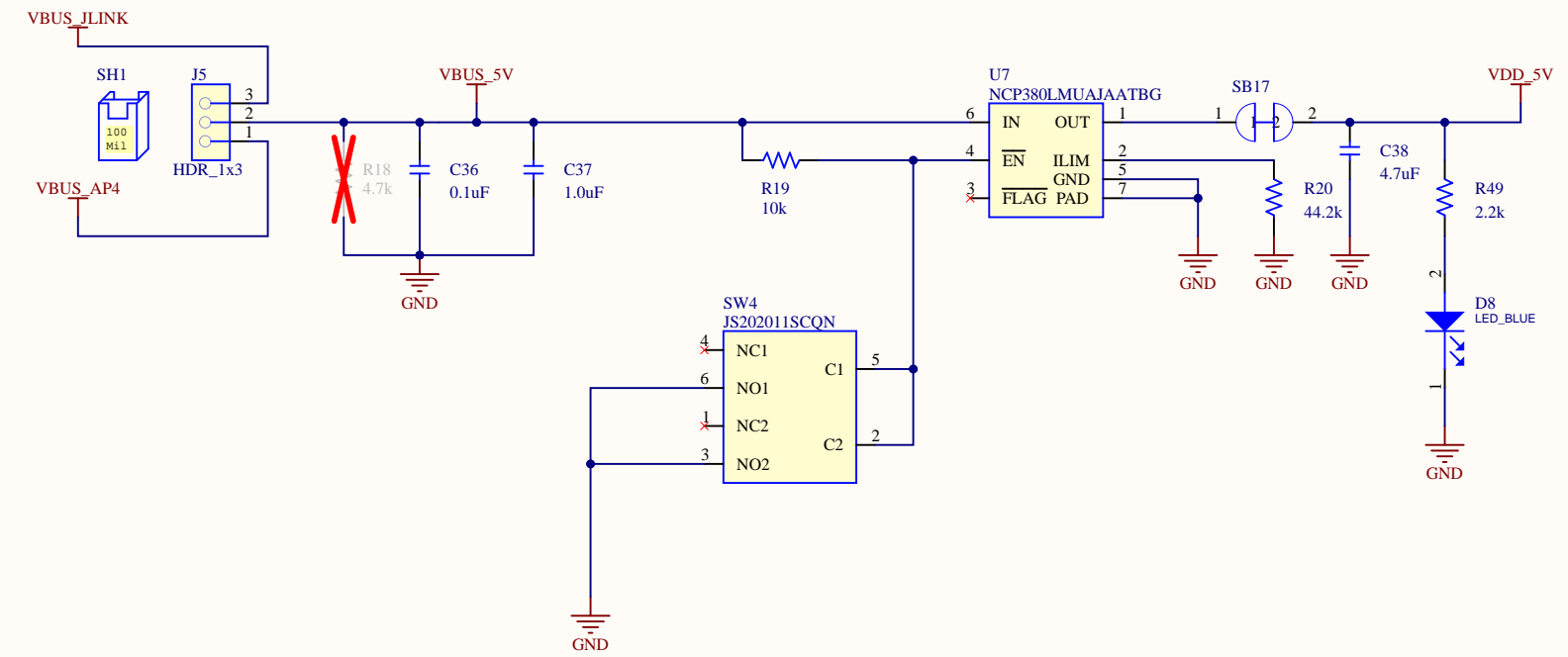
AP4 USB Connector




J-Link USB Connector



5V Source Select & USB Protection Circuit





Title: Apollo4 Blue Plus KXR EVB

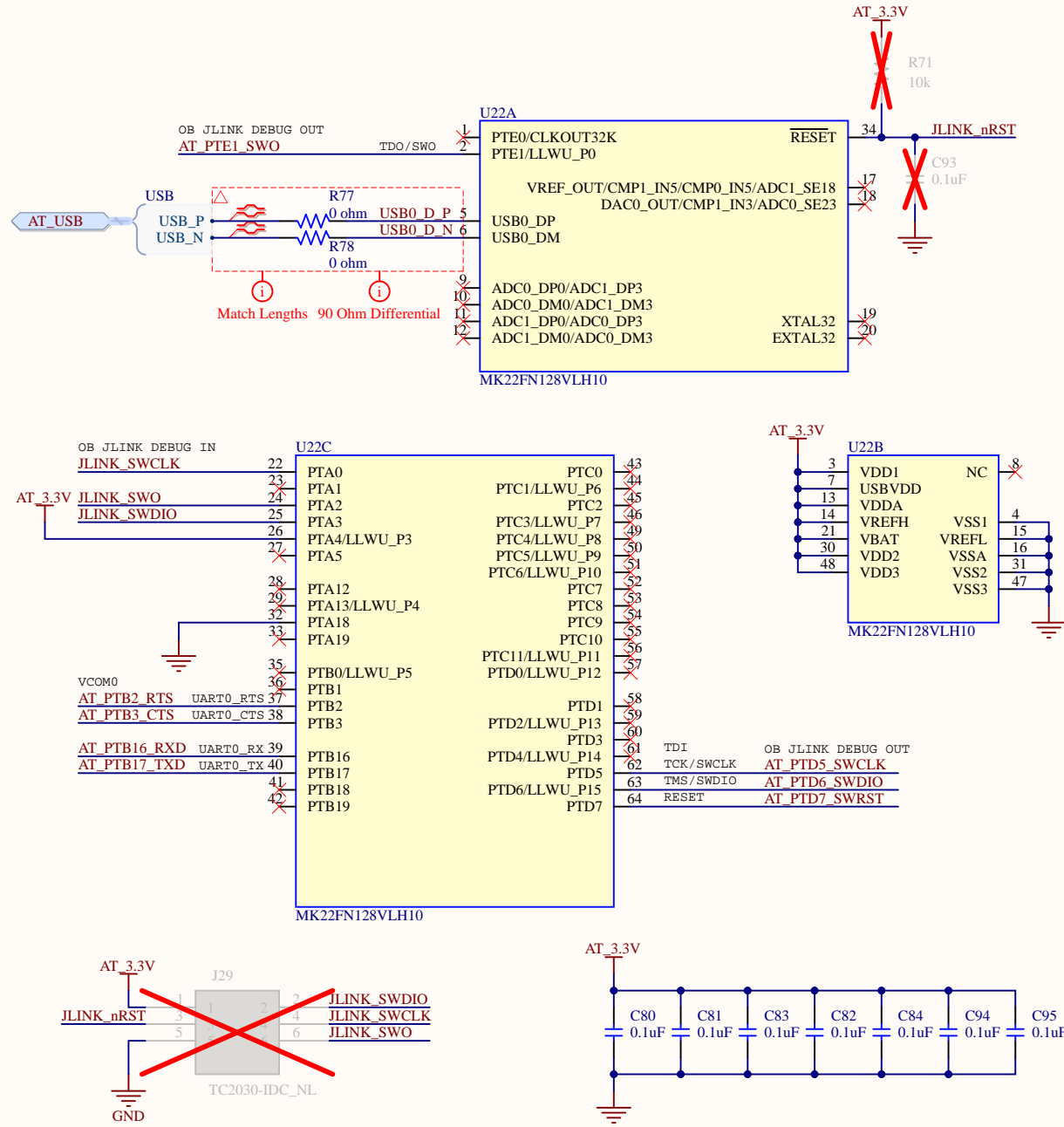
Size: C Number: AMAP4BPXEVB Revision: 1 Sheet 4 of 9

Date: 8/29/2022 Drawn By: Chad Crosby 8/29/2022 Aprvd By: Daniel Lanzone 8/30/2022

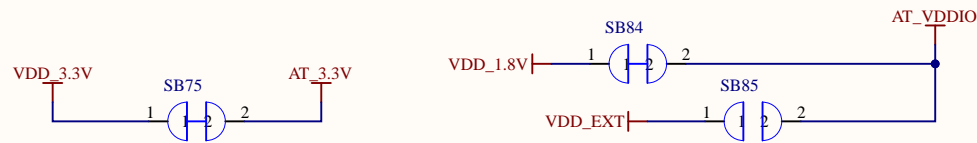
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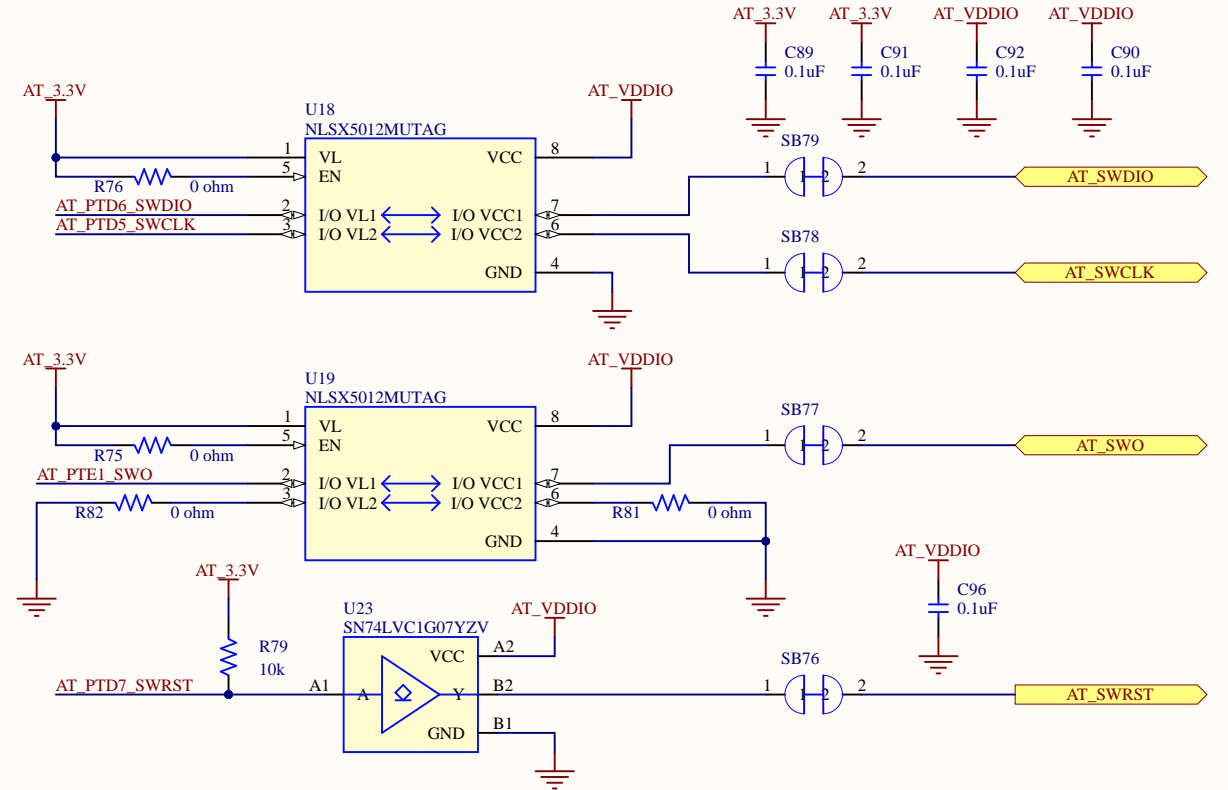
J-LINK Onboard Debugger



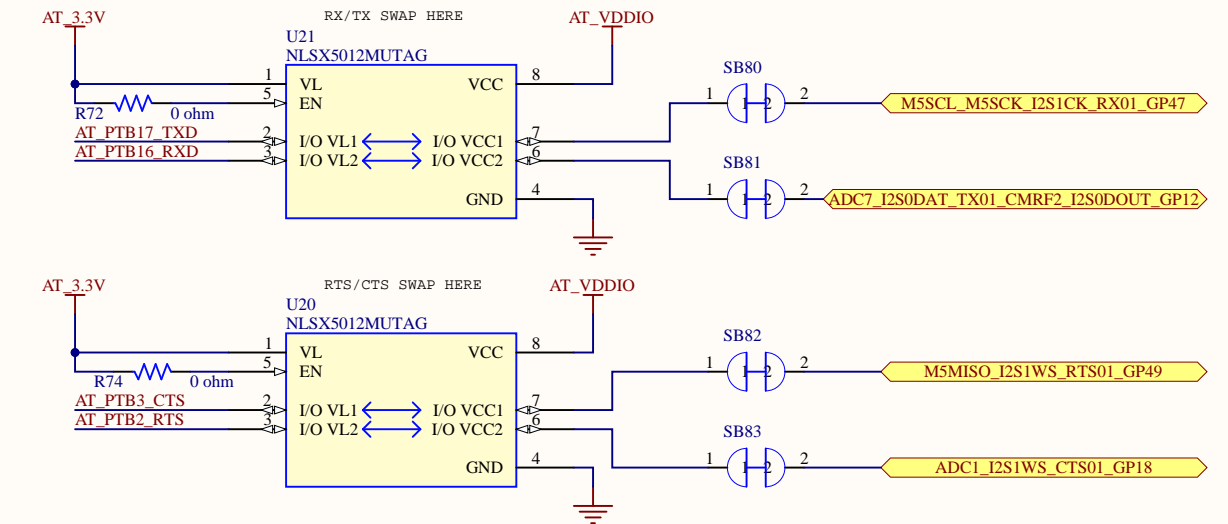
J-Link Voltage Disconnect Solder-Bridges




J-Link SWD Connections and Level Translation



J-Link To AP4 UART Solder-Bridges and Level Translation





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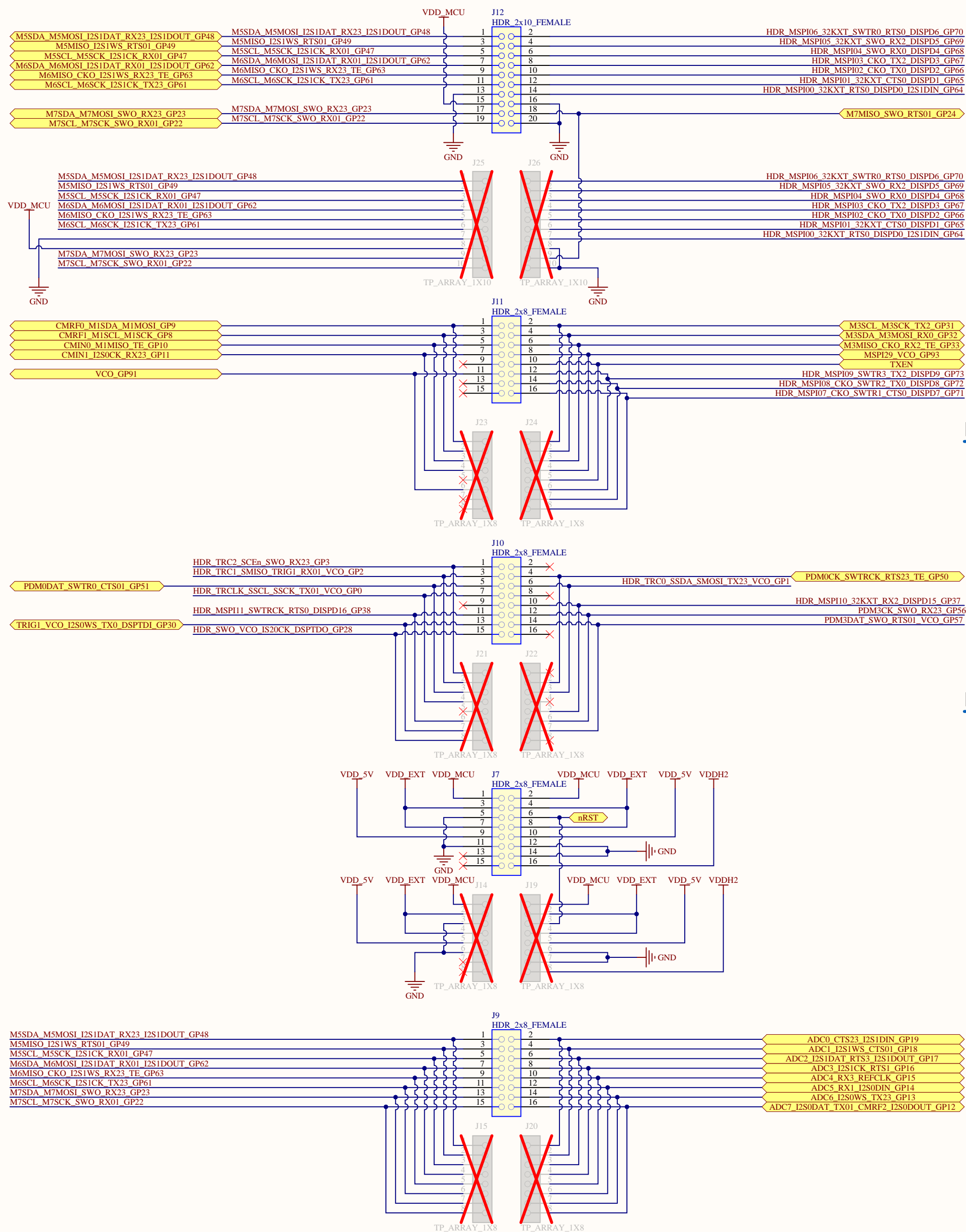
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Date 8/29/2022 **Drawn By** Chad Crosby 8/29/2022

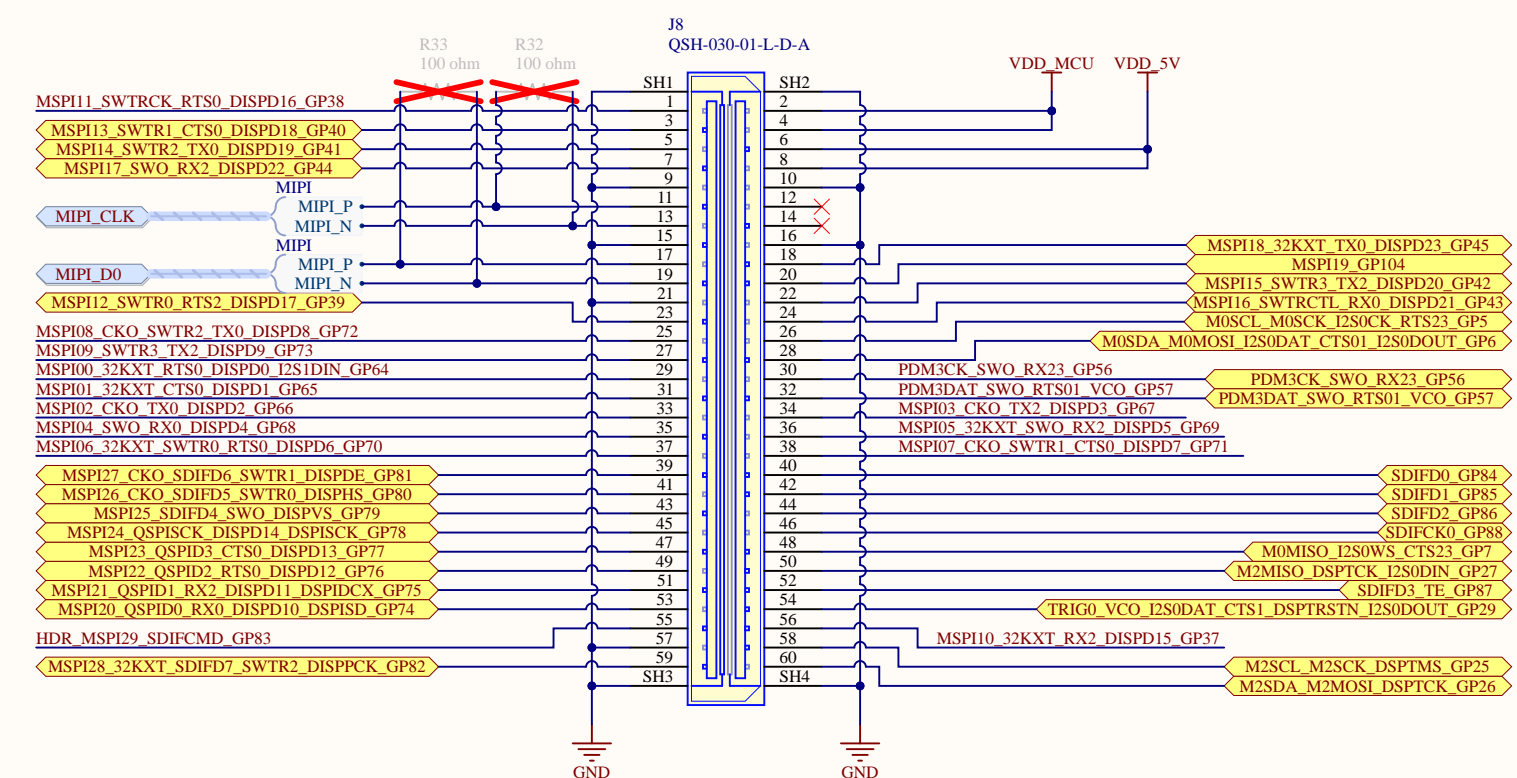
Aprvd By Daniel Lanzzone 8/30/2022

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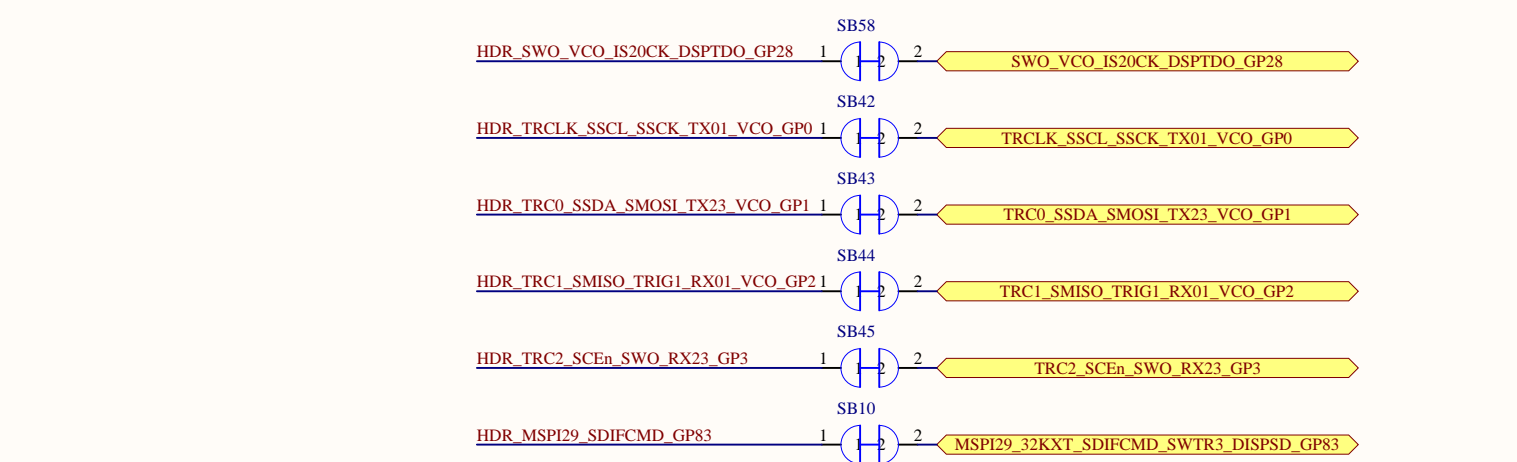
Arduino-Style GPIO Headers and Testpoint Arrays



High-Speed Header




Debug Signal to GPIO Connector Solder-Bridges



Display Controller GPIO Solder-Bridges





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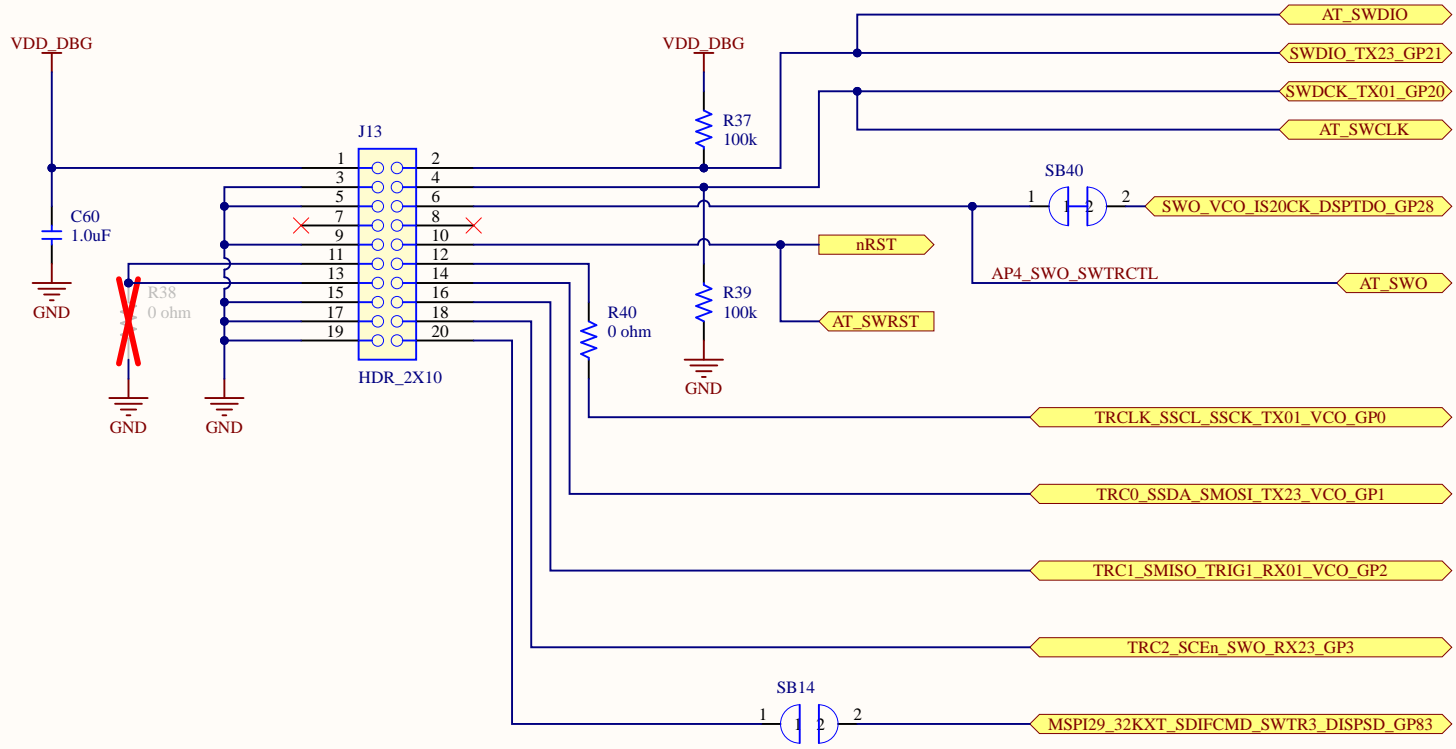
Size: C Number: AMAP4BPXEVB Revision: 1 Sheet 6 of 9

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Debug-In Header

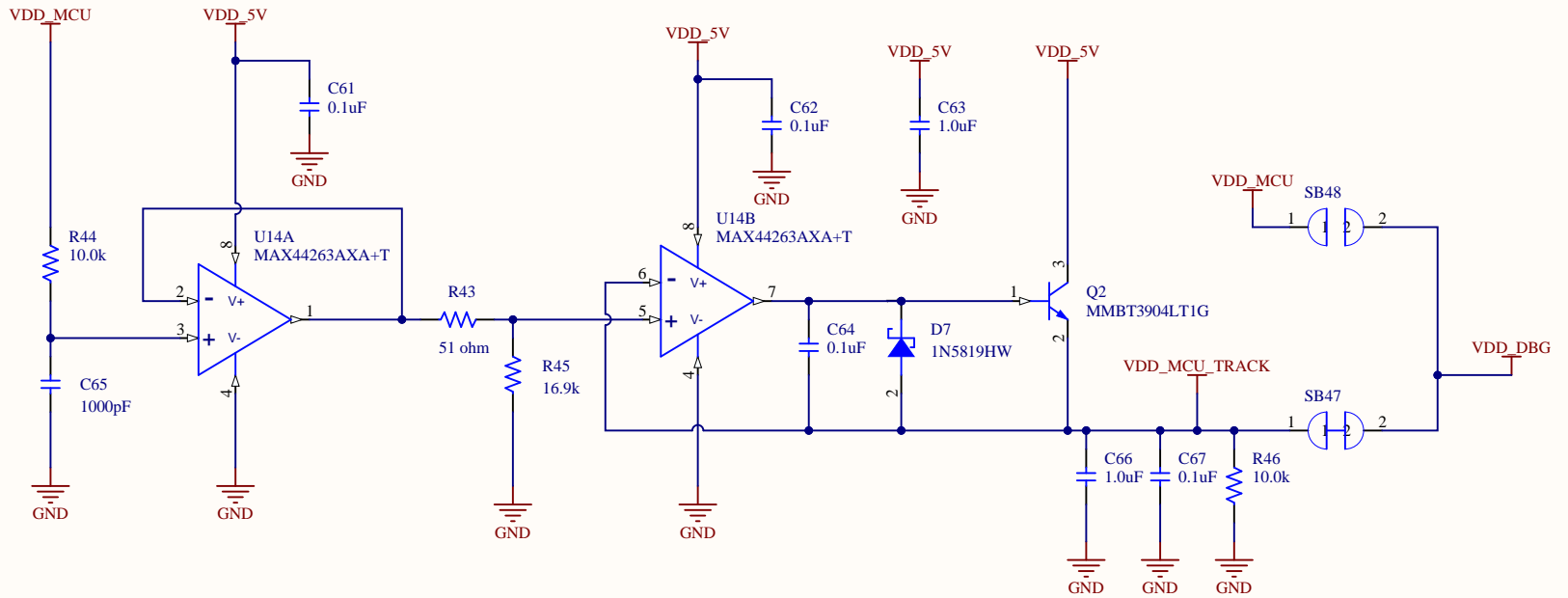


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Title		Apollo4 Blue Plus KXR EVB	
Size	Number	Revision	Sheet 7 of 9
C	AMAP4BPXEVB	1	
Date	Drawn By	Chad Crosby 8/29/2022	
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Power Supply Tracker

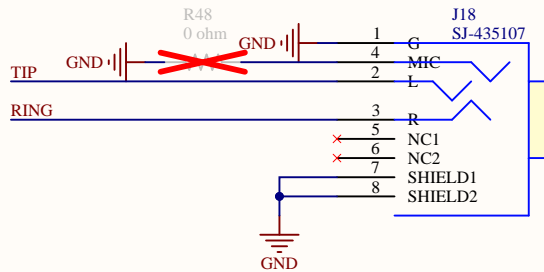
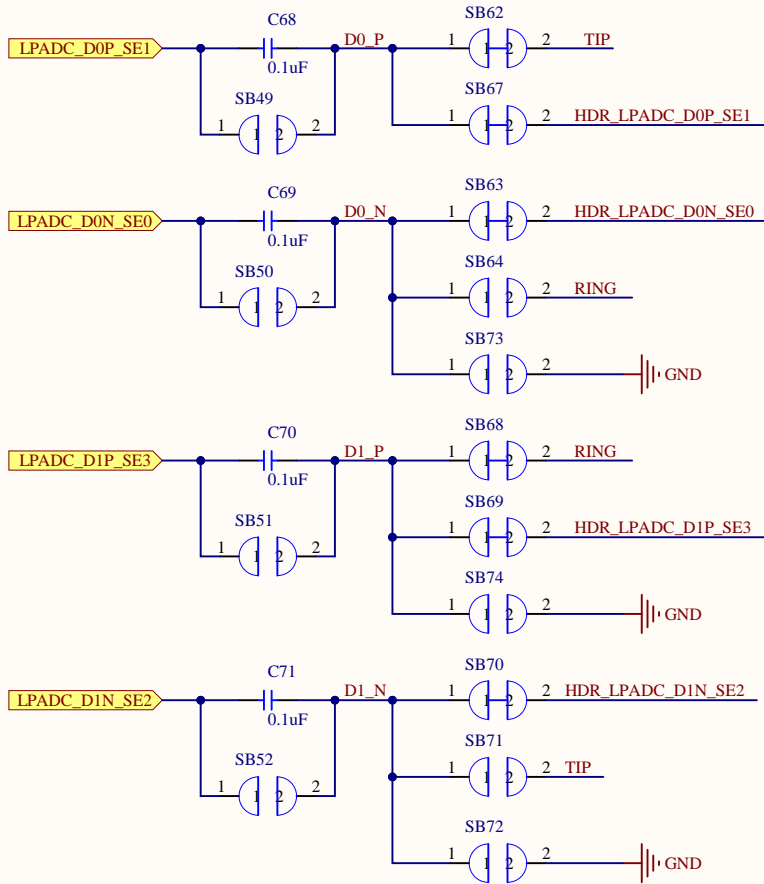


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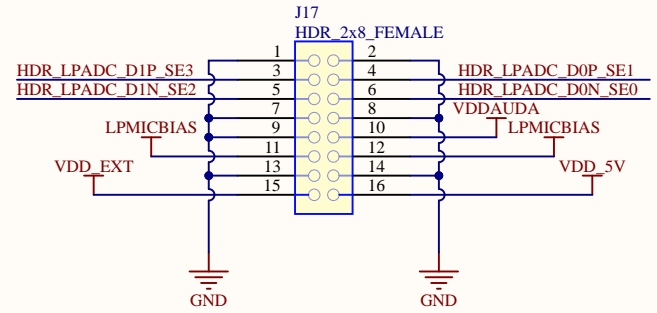
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Size	Number	Revision	
C	AMAP4BPXEVB	1	Sheet 8 of 9
Date	Drawn By	8/29/2022 Chad Crosby	
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LPADC 3.5MM Jack



LPADC Voltage Header



ROUTE LPADC_D1N_SE2 AND LPADC_D1P_SE3 AS DIFFERENTIAL PAIR
 ROUTE LPADC_D0N_SE0 AND LPADC_D0P_SE1 AS DIFFERENTIAL PAIR



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