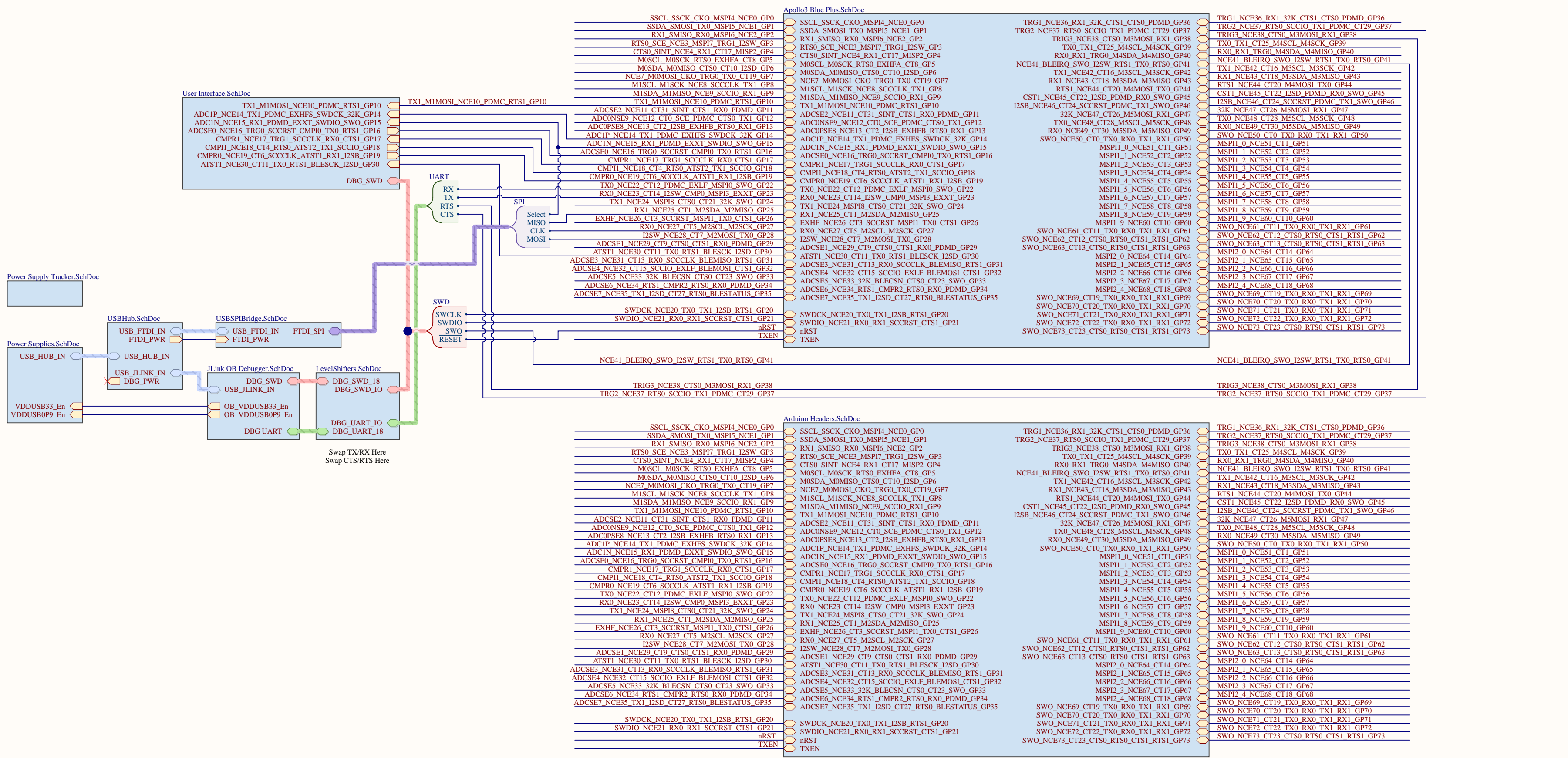


Apollo3 Blue Plus EVB Connection Diagram

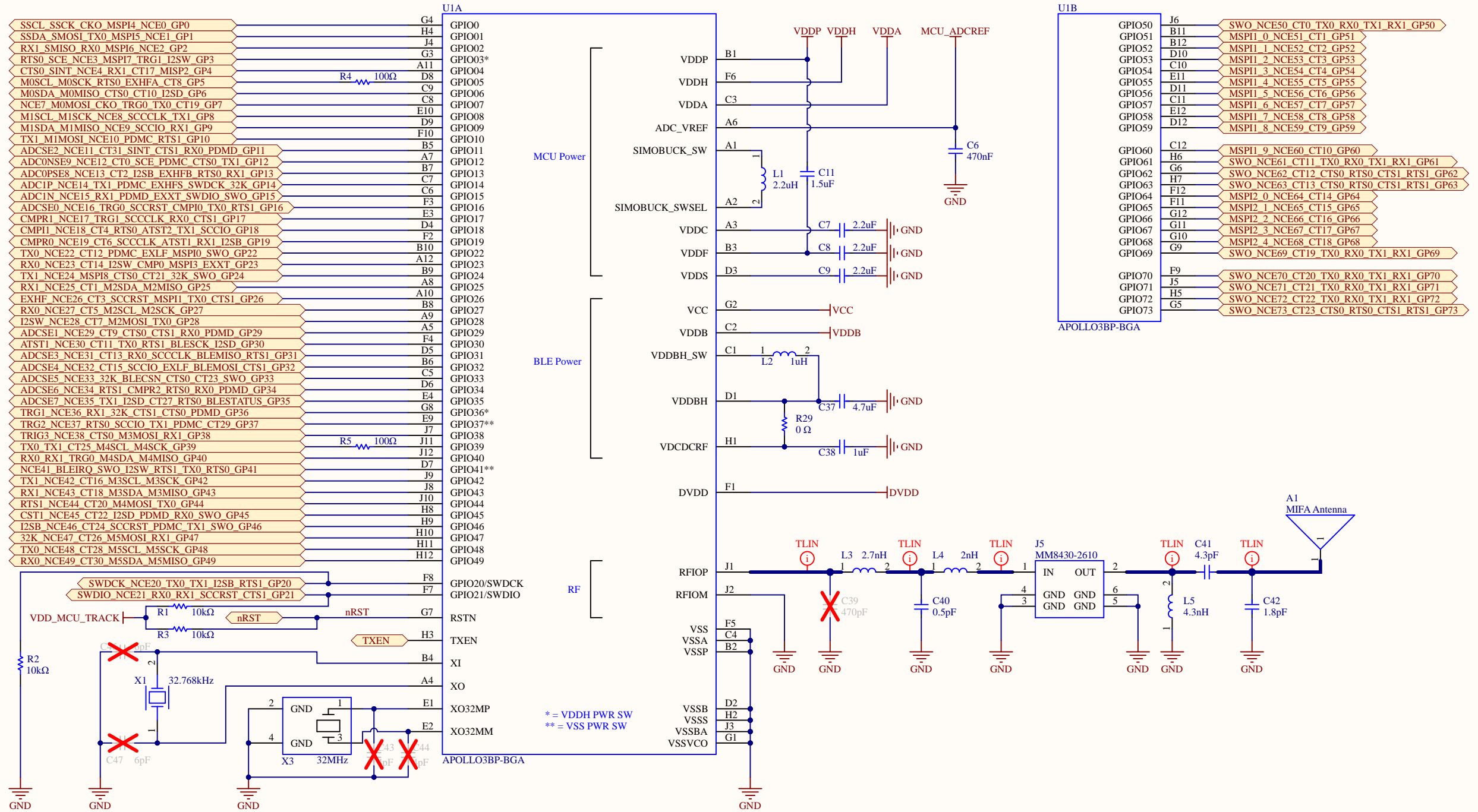


Revision History

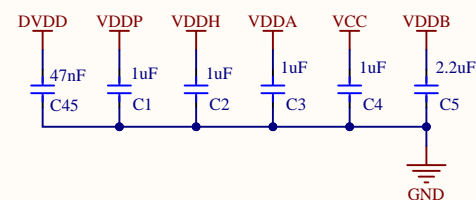
Revision 2:
Incremental update to support the new Apollo4 Onboard JLINK debugger.

		Title Apollo3 Blue Plus EVB	
Site A	Number AMA3B1KK-EVB	Revision 2	Sheet 1 of 10
Date 10/17/2022	Drawn By Chad Crosby	Date 10/17/2022	Aprvd By Daniel Lanzone
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Apollo3 Blue Plus



Decoupling Capacitors



Power Supply Connections



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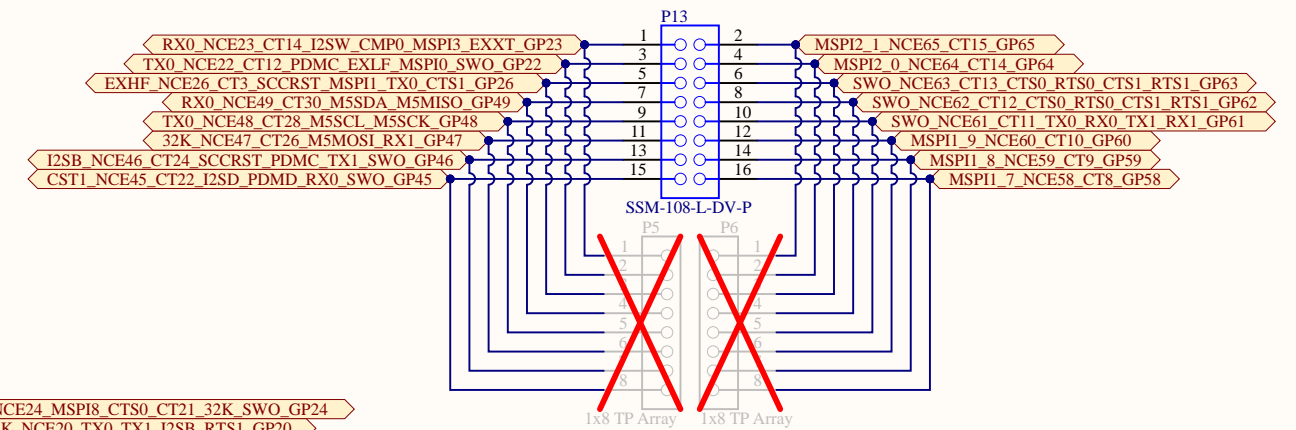
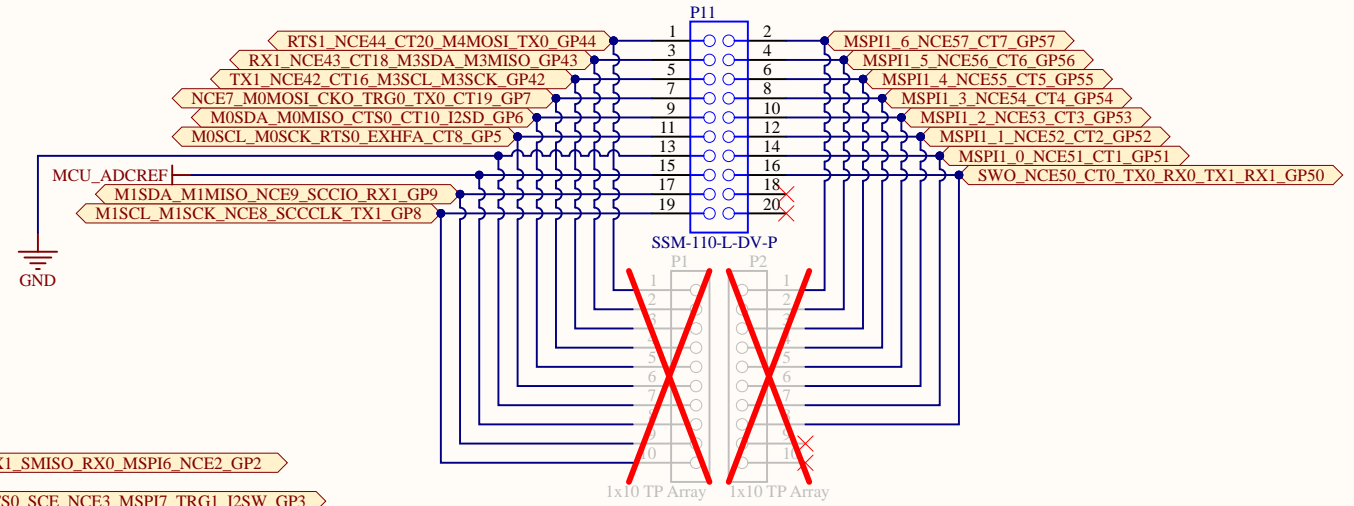
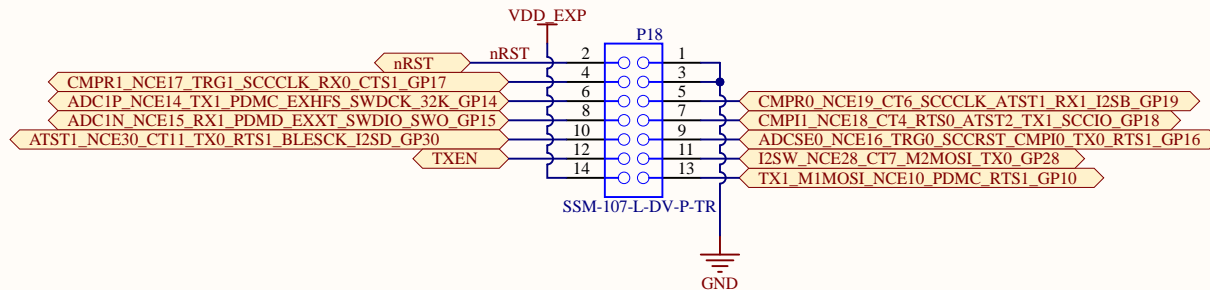
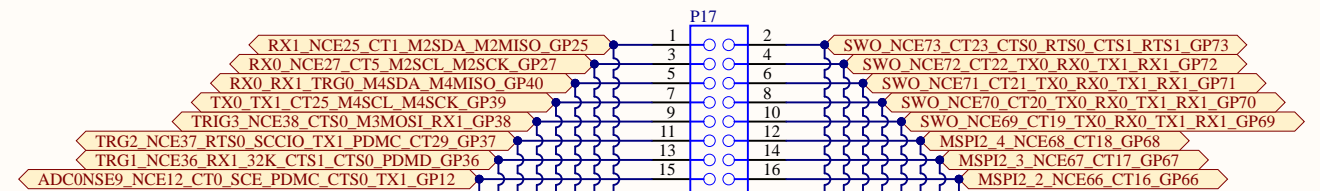
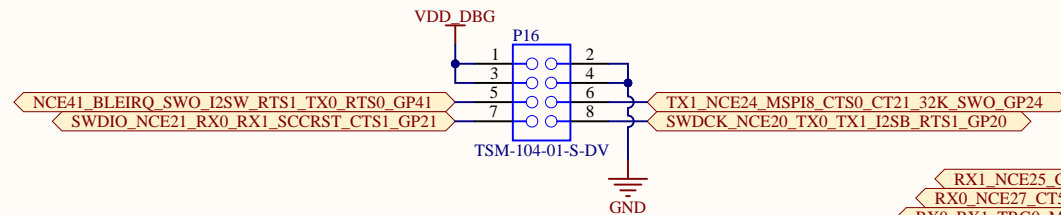
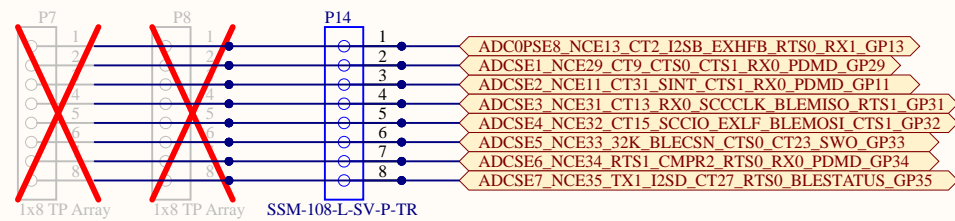
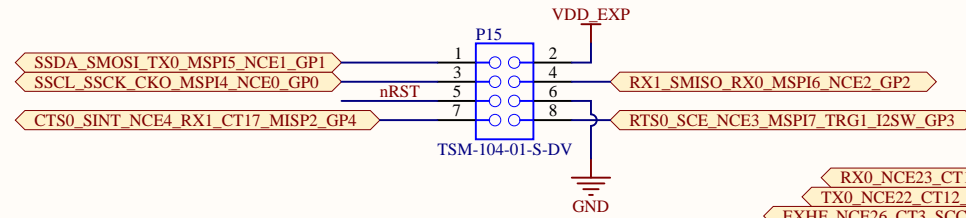
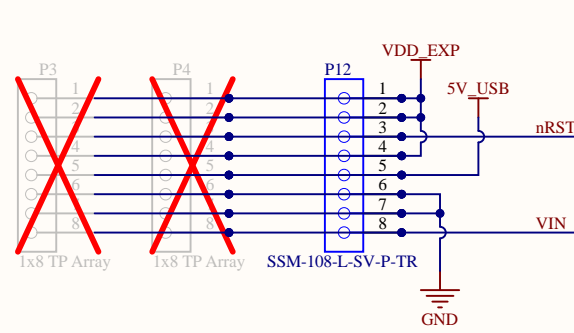
Title: Apollo3 Blue Plus EVB


Size: A Number: AMA3B1KK-EVB Revision: 2 Sheet 2 of 10

Date: 10/17/2022 Drawn By: Chad Crosby 10/17/2022
Aprvd By: Daniel Lanzone 10/17/2022

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Arduino Style & Breakout Headers





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Title: Apollo3 Blue Plus EVB

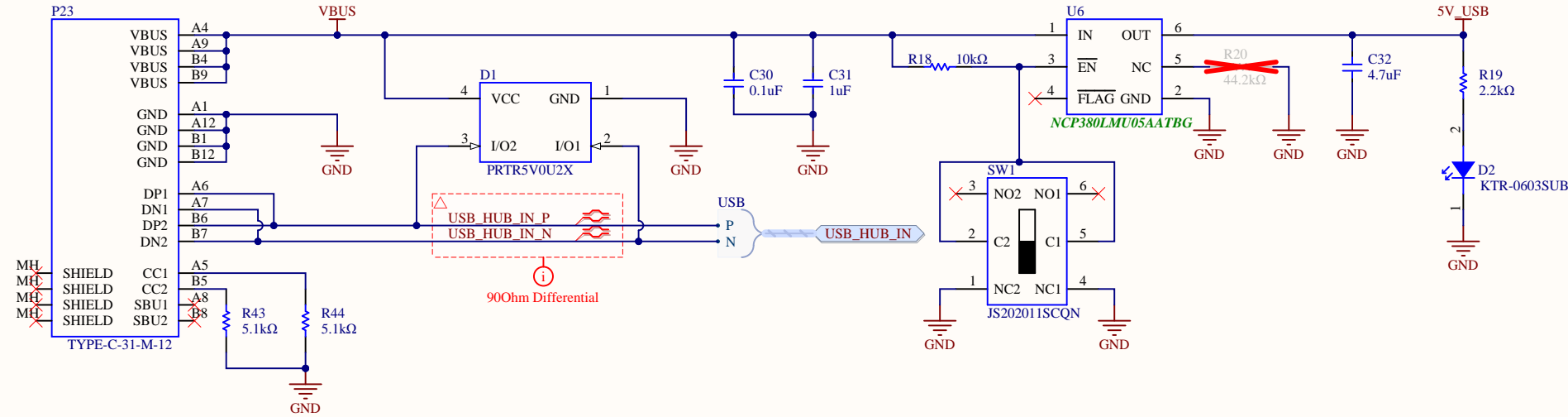
Size	Number	Revision
A	AMA3B1KK-EVB	2

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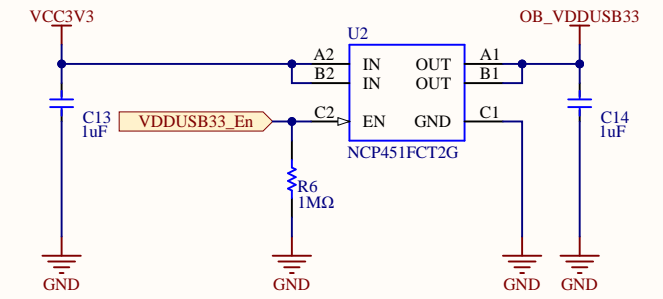
Date	Drawn By	Date
10/17/2022	Chad Crosby	10/17/2022
	Aprvd By	
	Daniel Lanzone	10/17/2022

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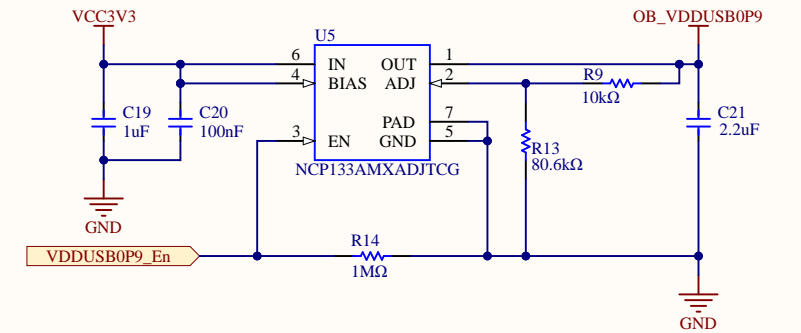
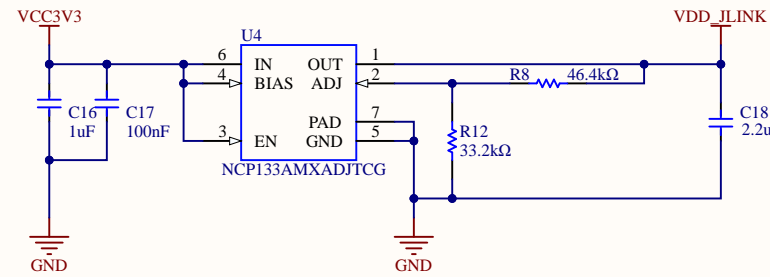
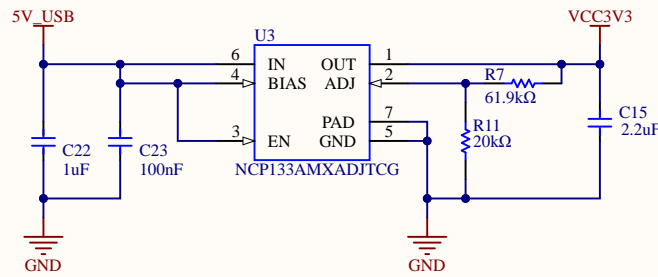
USB-C Connector and Protection



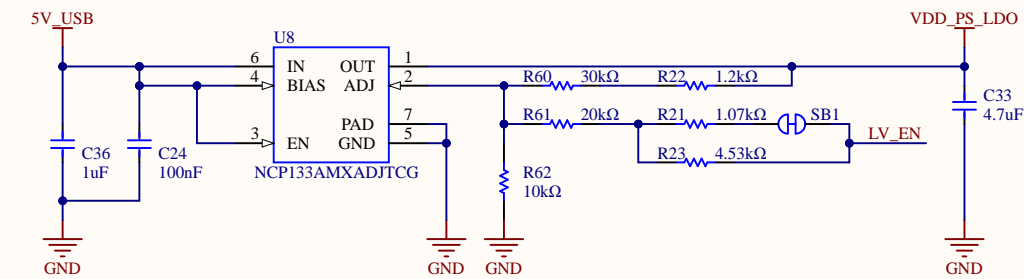
VDDUSB3V3 Loadswitch



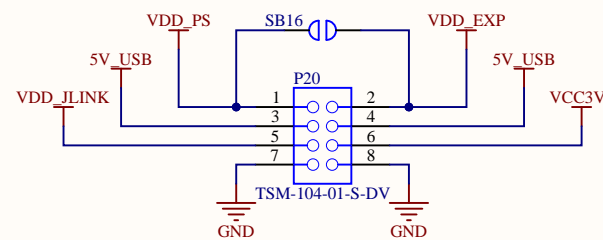
Oboard Debugger and Interface Power Supplies



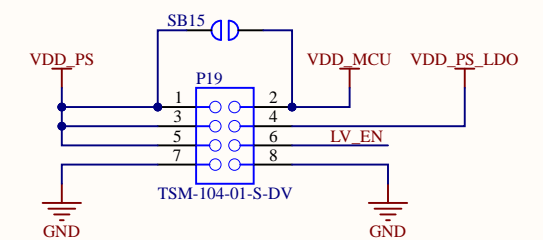
MCU Regulator 3.3V / 1.8V



Power Supply Measurement Header

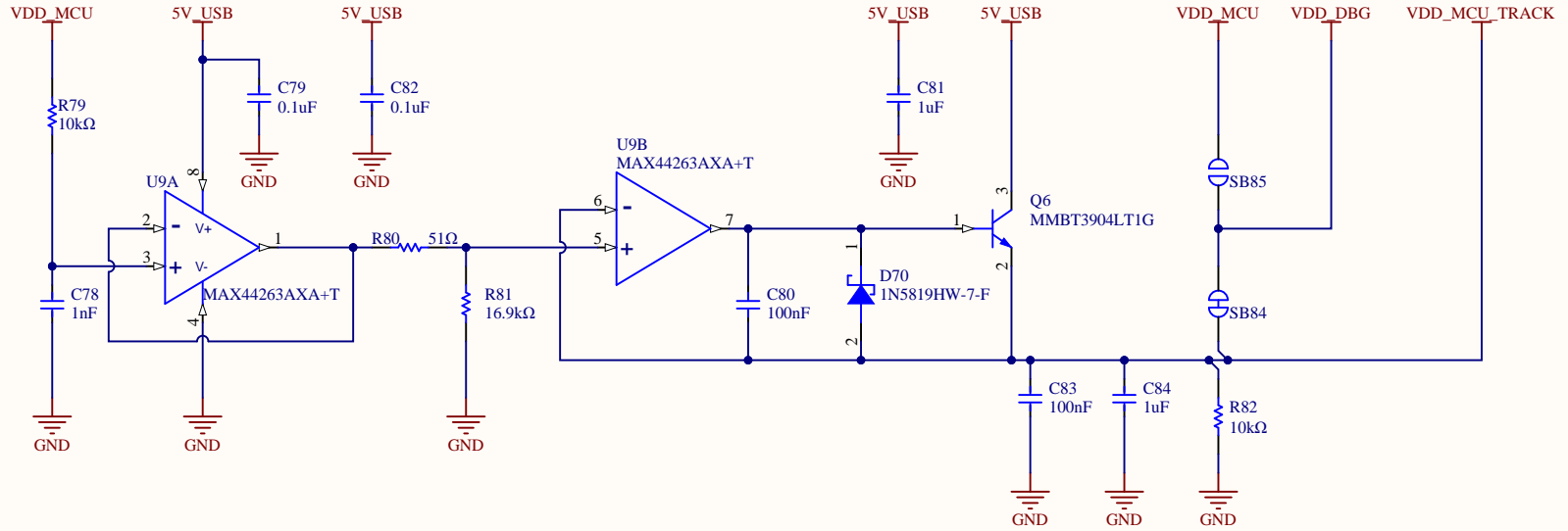


Power Supply Selection Jumper



		Title	
		Apollo3 Blue Plus EVB	
Size	Number	Revision	
B	AMA3B1KK-EVB	2	Sheet 4 of 10
Date	Drawn By		
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Power Supply Tracker

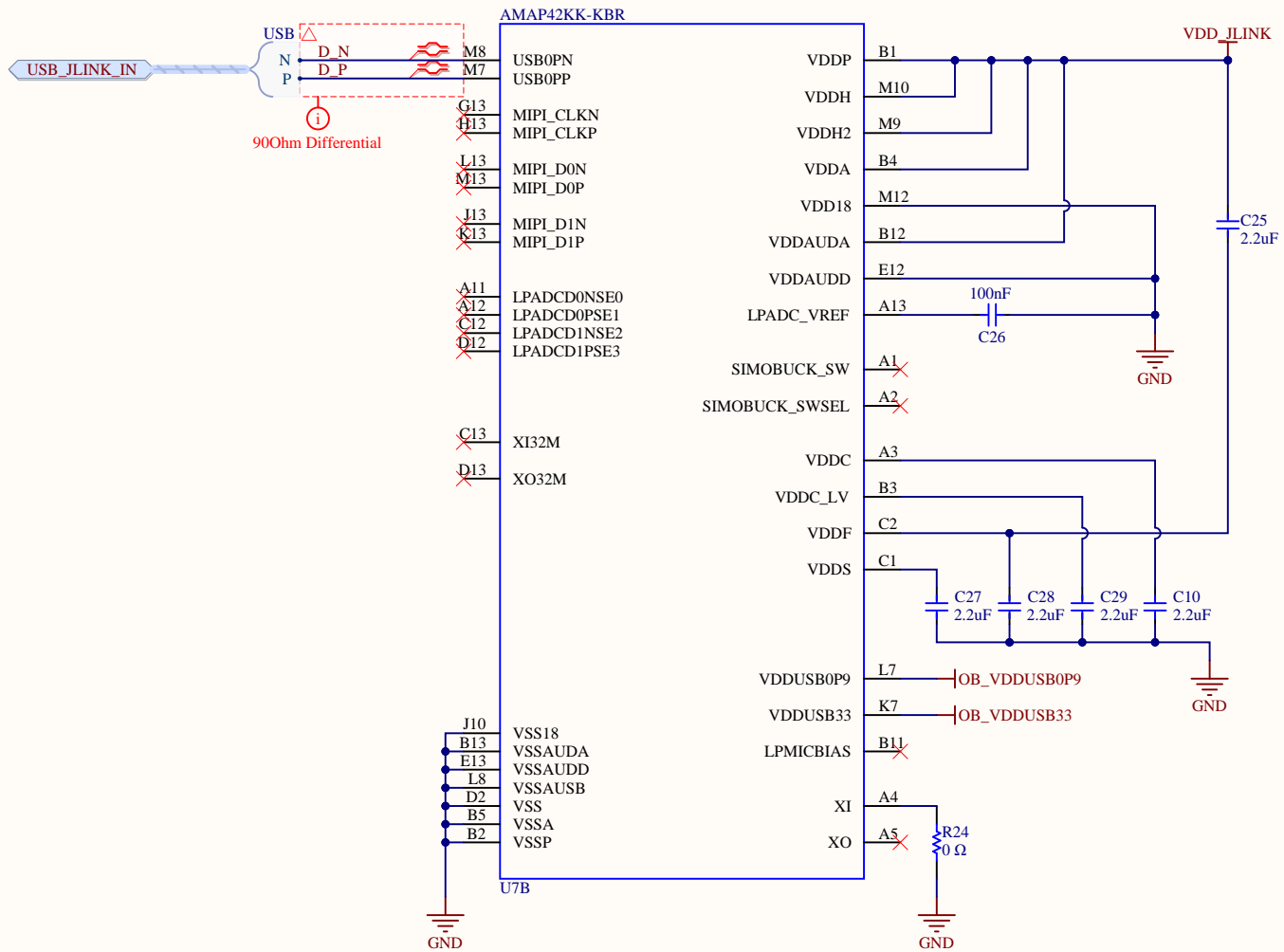
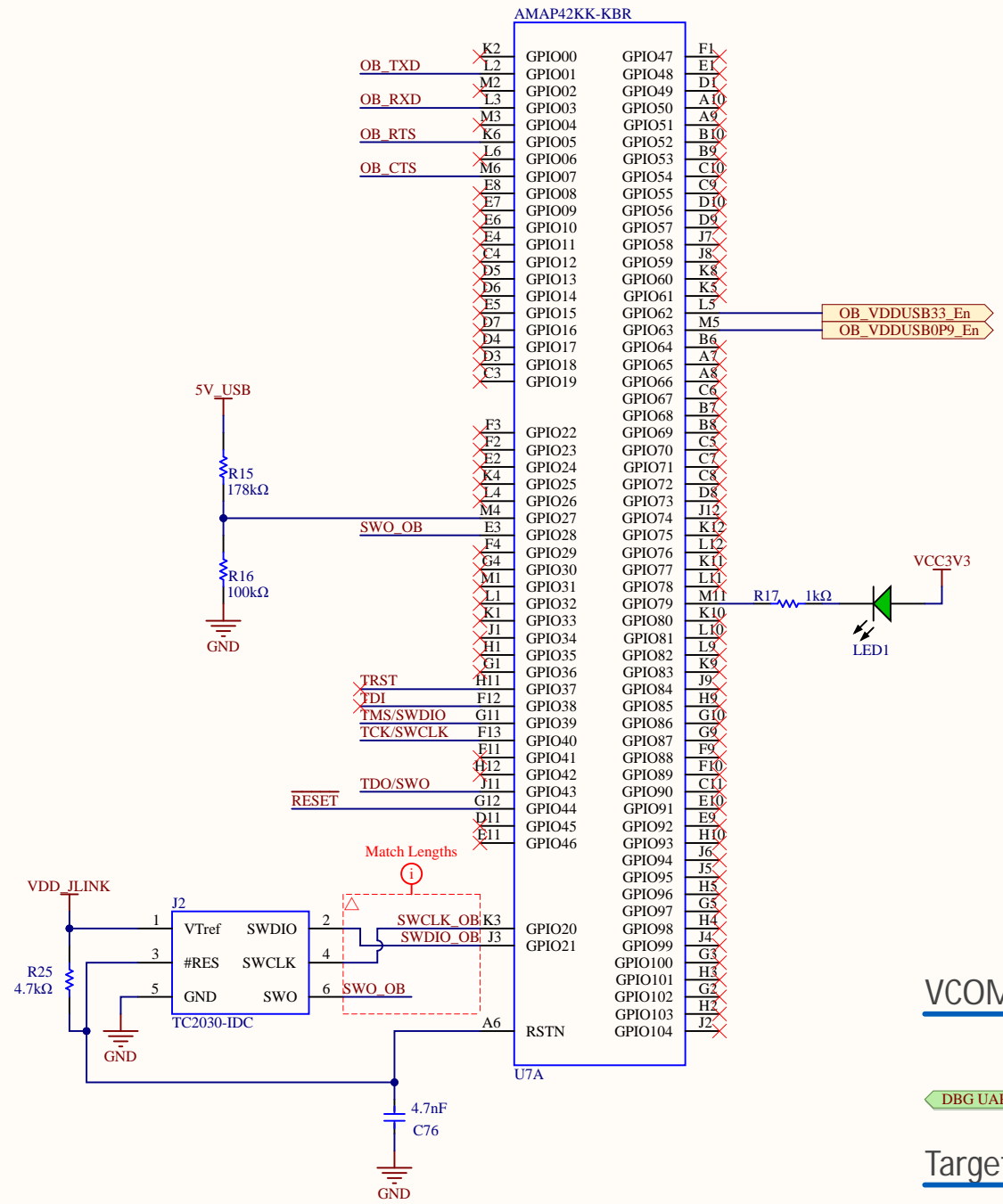


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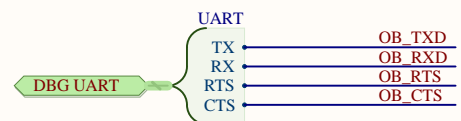
Title		Apollo3 Blue Plus EVB	
Size	Number	Revision	
A	AMA3B1KK-EVB	2	Sheet 5 of 10
Date	Drawn By		
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Apollo4 JLINK OB Debugger



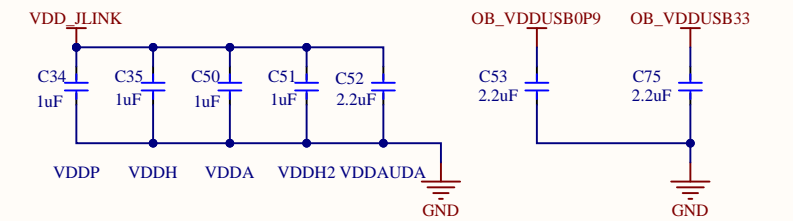
VCOM Interface



Target Debug Interface



Decoupling Capacitors



Title: Apollo3 Blue Plus EVB

Size	Number	Revision	Sheet
B	AMA3B1KK-EVB	2	6 of 10

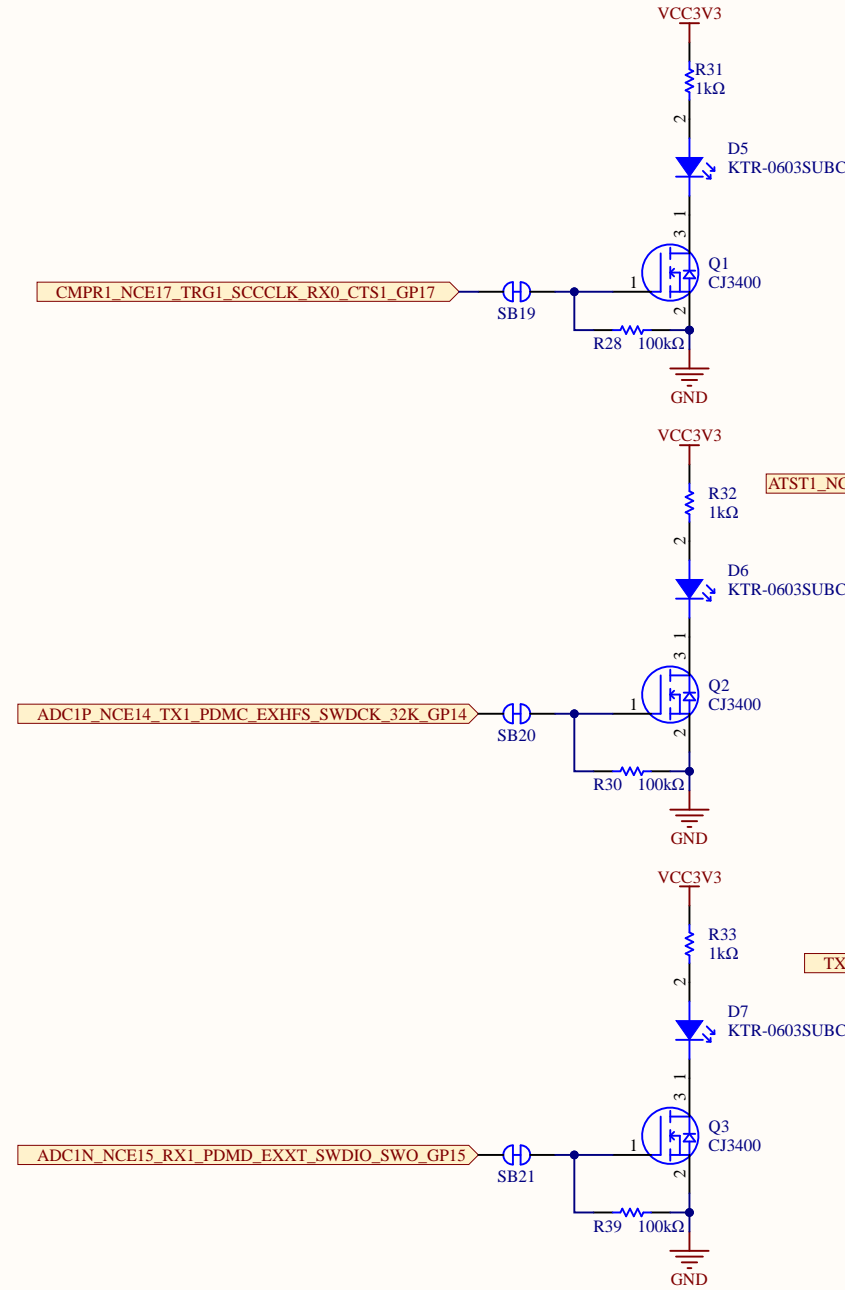
Date: 10/14/2022 Drawn By: Chad Crosby 10/14/2022

Date: 10/14/2022 Aprvd By: Daniel Lanzone 10/17/2022

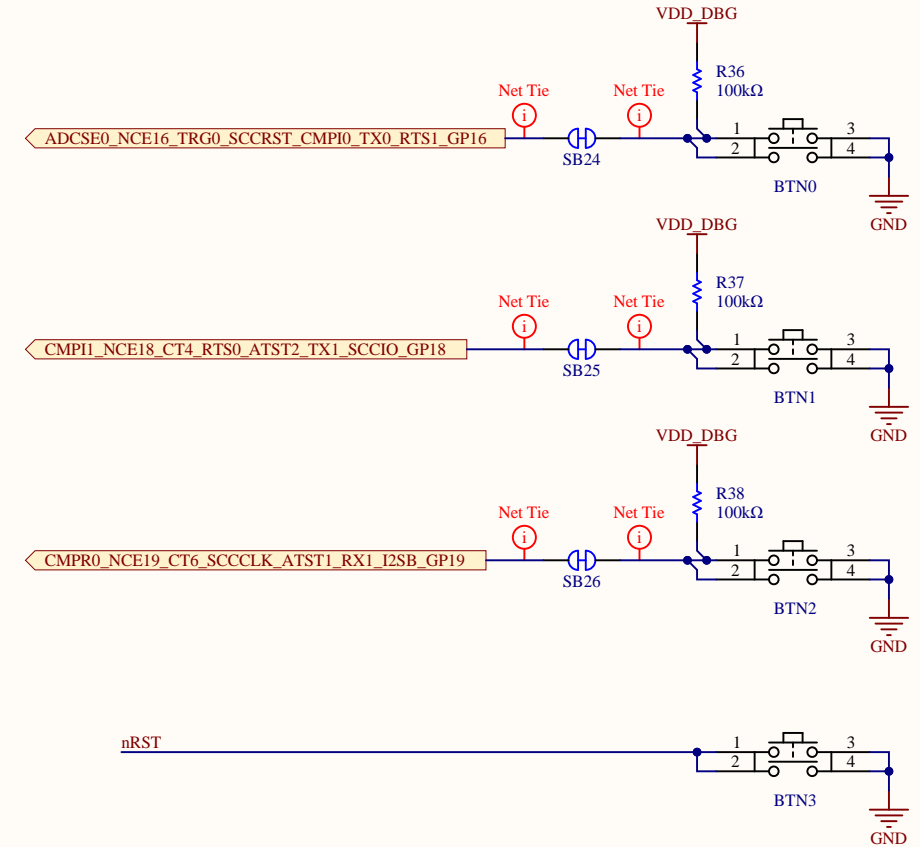
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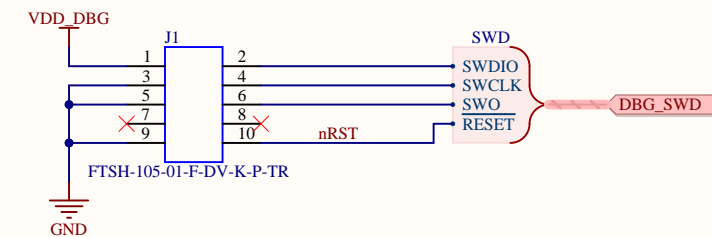
LEDs



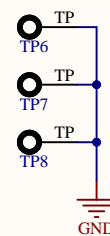
Push Buttons



Debug In Header



GND Hooks



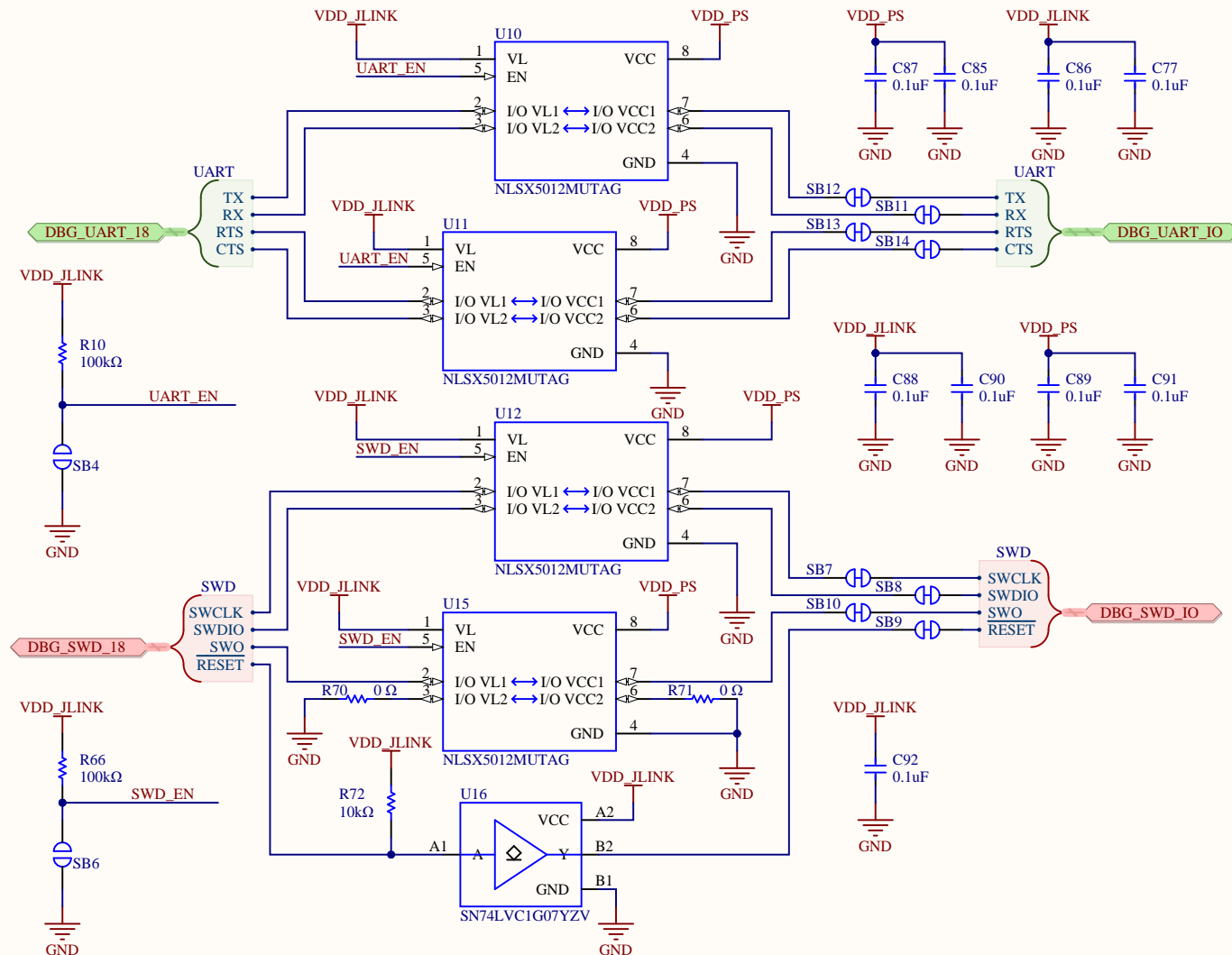
Fiducials


Fiducial P21
 Fiducial P22

		Title Apollo3 Blue Plus EVB		
		Size A	Number AMA3B1KK-EVB	Revision 2
6500 River Place Boulevard Building 7, Suite 200 Austin, TX 78730 +1 (512) 879-2850		Date 10/12/2022	Drawn By Chad Crosby Aprvd By Daniel Lanzzone	Date 10/12/2022 Date 10/17/2022

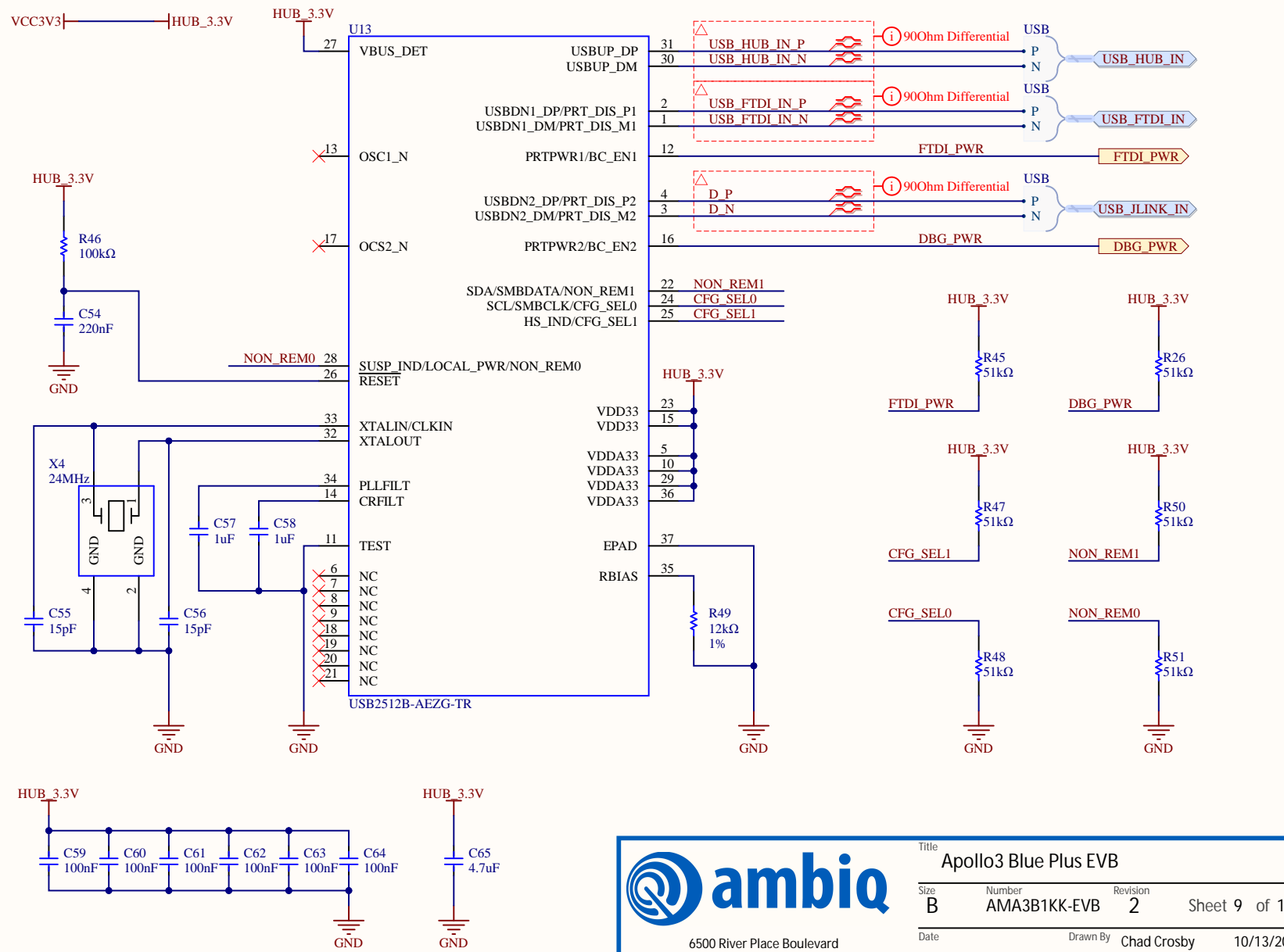
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J-Link SWD Connections and Level Translation



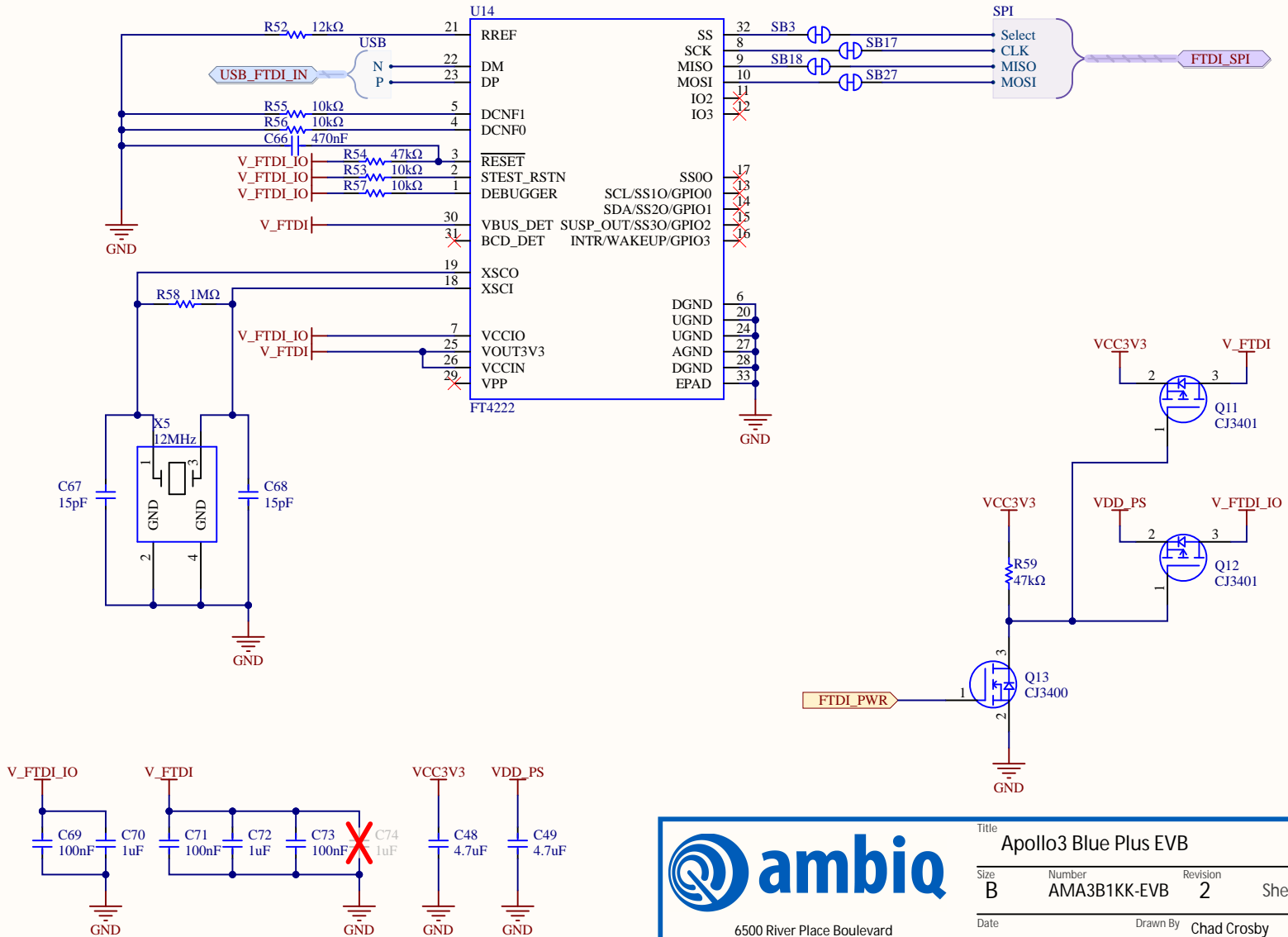
		Title	
		Apollo3 Blue Plus EVB	
Size	Number	Revision	
B	AMA3B1KK-EVB	2	Sheet 8 of 10
Date	Drawn By		
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USB Hub



			
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Title Apollo3 Blue Plus EVB			
Size B	Number AMA3B1KK-EVB	Revision 2	Sheet 9 of 10
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USB Hub



Title			
Apollo3 Blue Plus EVB			
Size	Number	Revision	
B	AMA3B1KK-EVB	2	Sheet 10 of 10
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	Daniel Lanzone	10/17/2022	

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