



RS9116 ACX EXP Board

Single Band NCP Wi-Fi Transceiver

Board Function	Page
Title Page	1
Block Diagram	2
External Connectors	3
Host Interface Multiplexing	4
RS9116 ACX Interface	5
STK Board Interface	6
USB Interface	7
RS9116 ACX Debug Interface	8

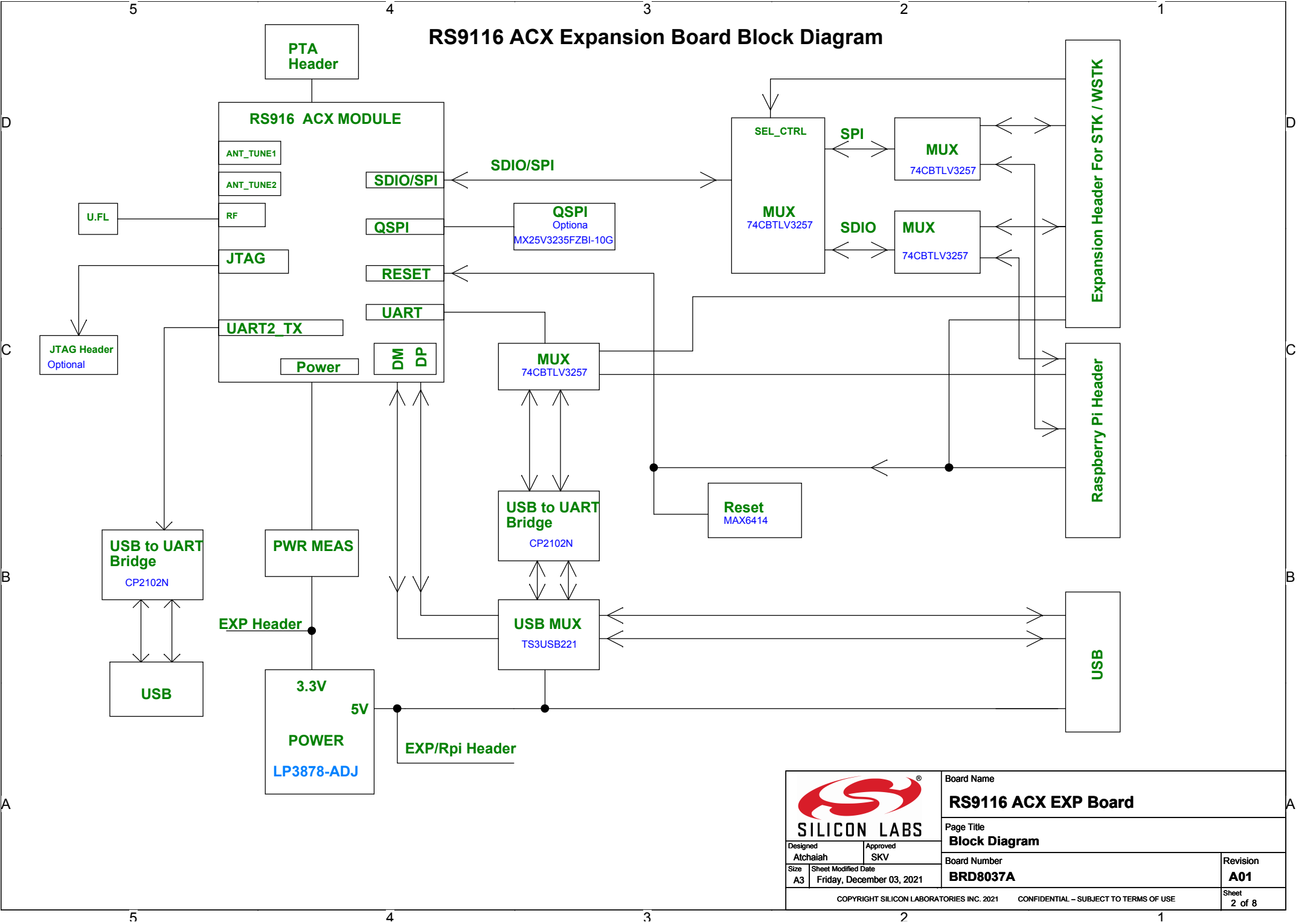


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Revision History

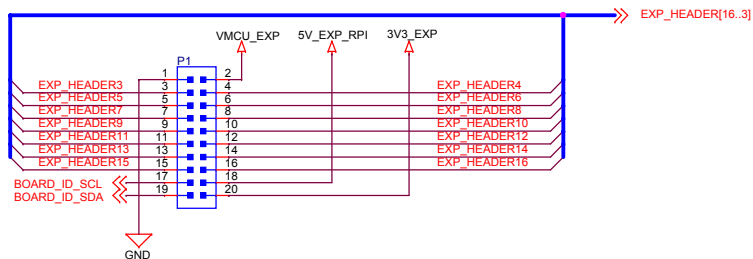
Rev.	Description
A00	Initial version.
A01	1. As per the latest module layout guide lines routing modified 2. Added 0R resistors in series with the all SDIO lines 3. U108 Power supply connection changed to VMCU_ACX 4. C31 component value changed to 6.2nH

 SILICON LABS		Board Name RS9116 ACX EXP Board	
		Page Title Title Page	
Designed Atchaiah	Approved SKV	Board Number BRD8037A	Revision A01
Size A3	Sheet Modified Date Friday, December 03, 2021	Copyright Silicon Laboratories Inc. 2021 CONFIDENTIAL – SUBJECT TO TERMS OF USE	
		Sheet 1 of 8	

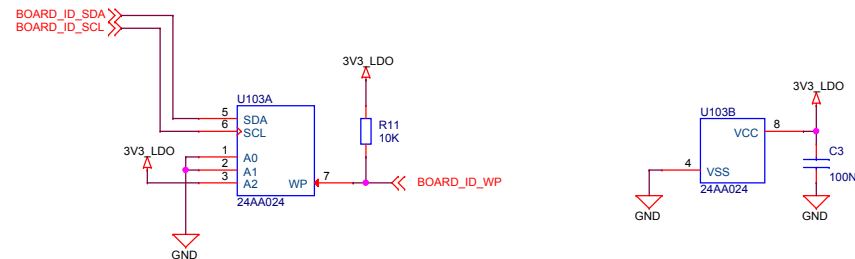


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Size A3	Sheet Modified Date Friday, December 03, 2021	Board Number BRD8037A	Revision A01
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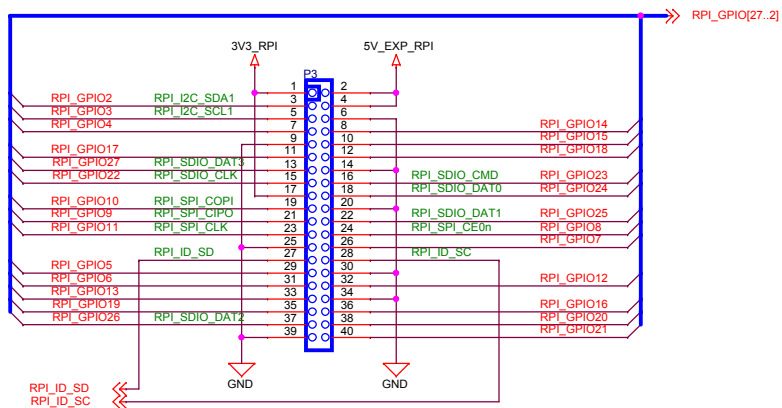
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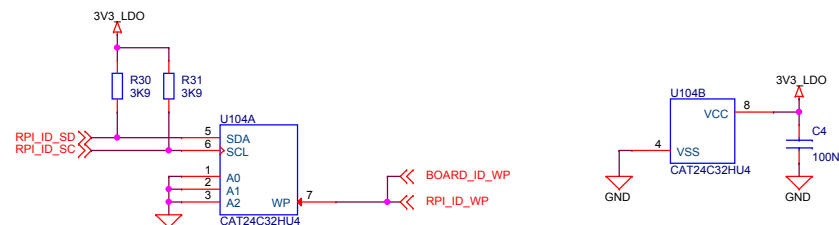
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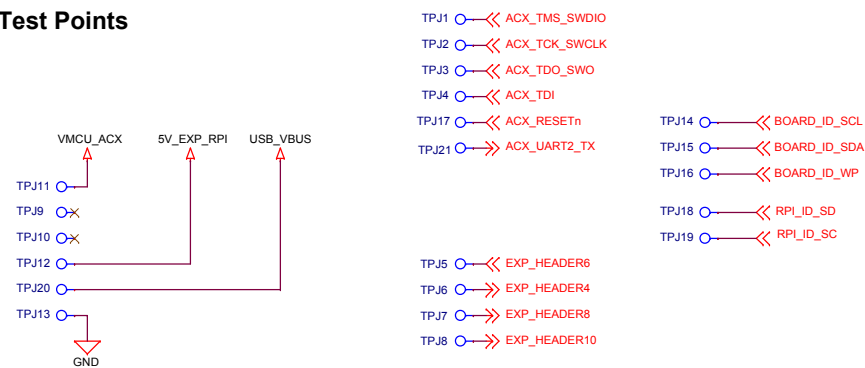
Raspberry Pi HAT Connector



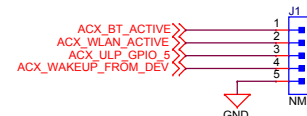
Raspberry Pi HAT EEPROM



Test Points



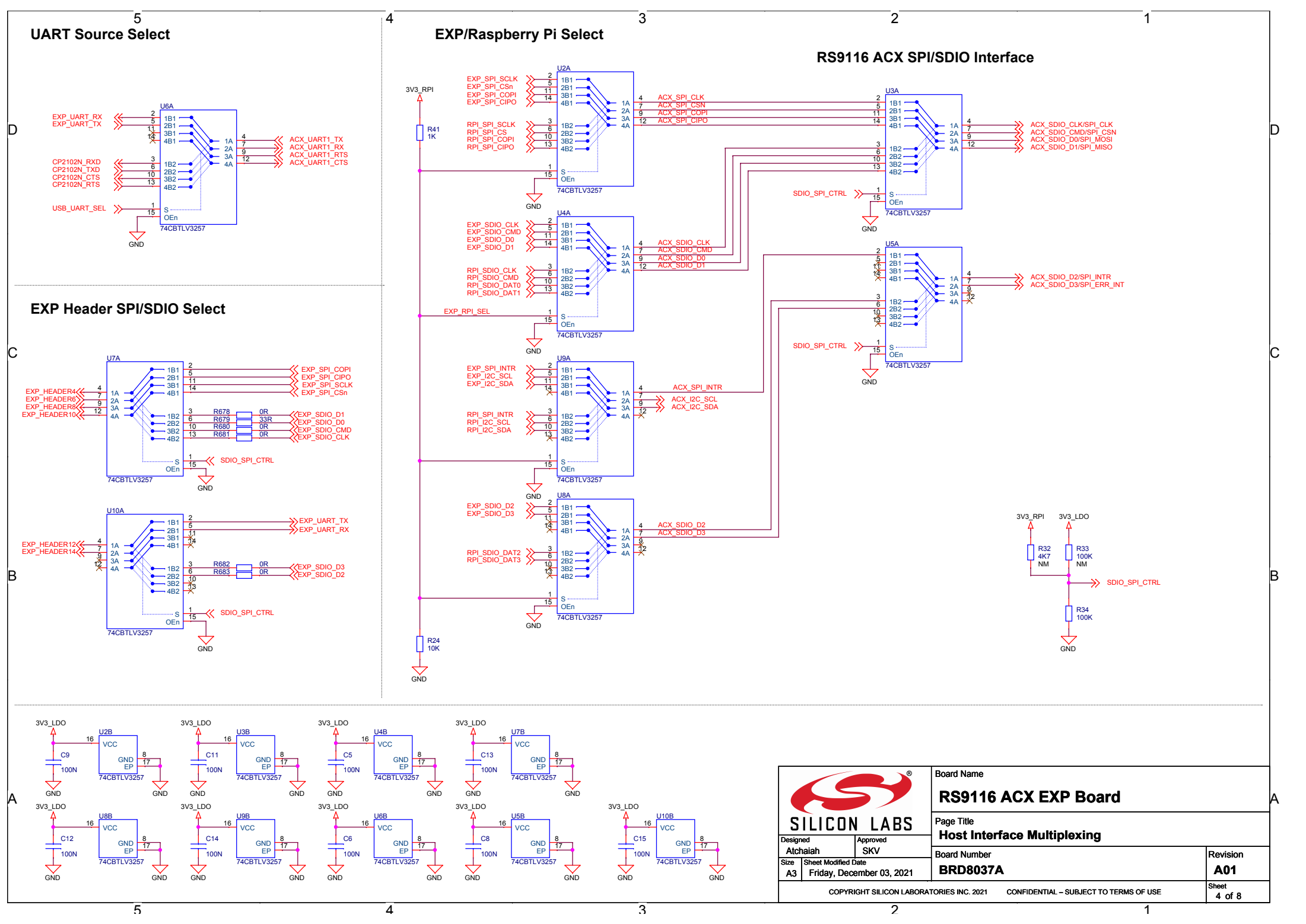
PTA Connector



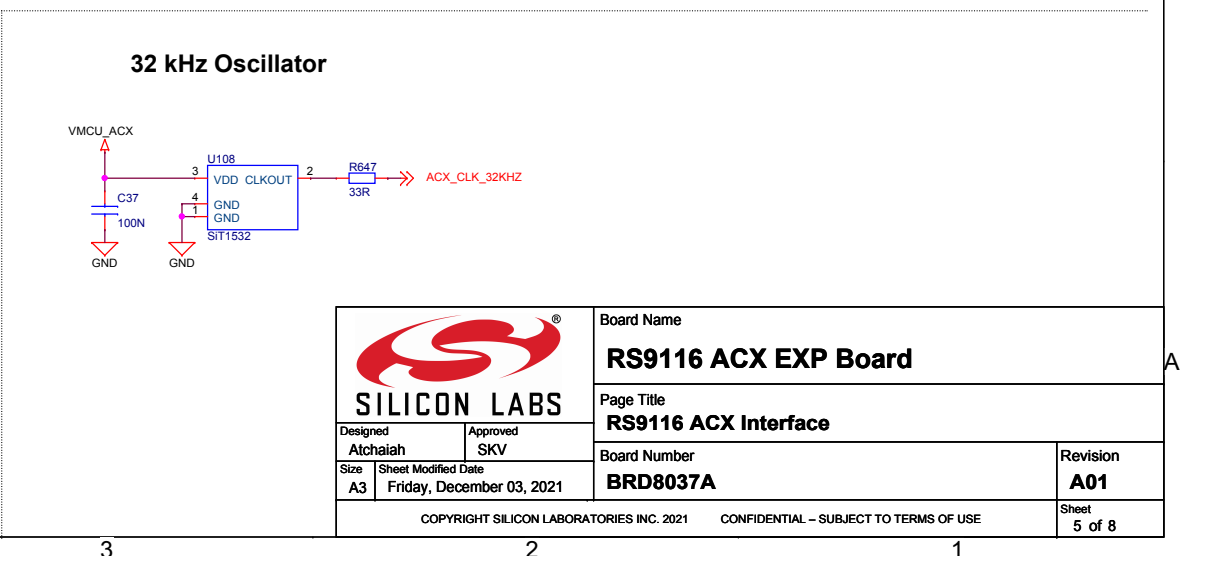
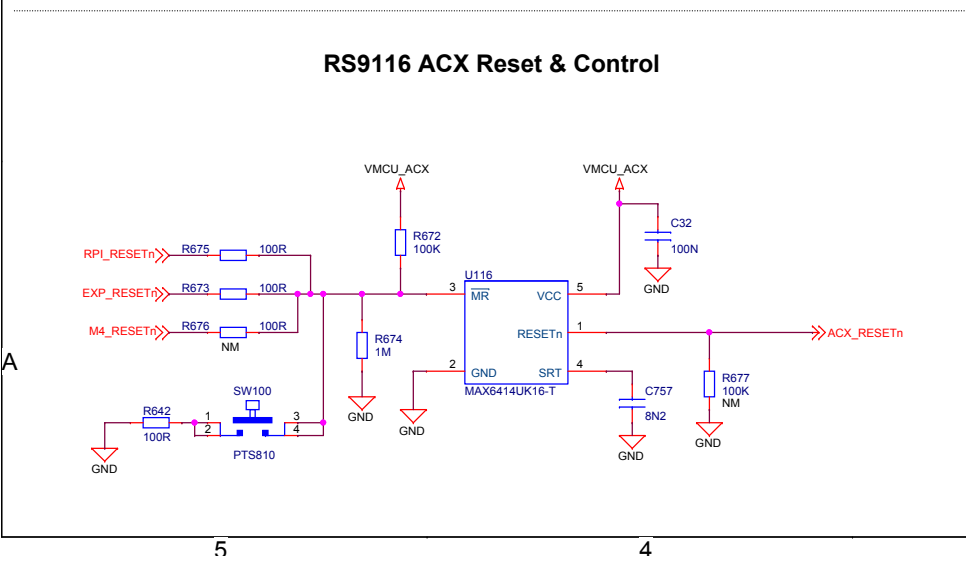
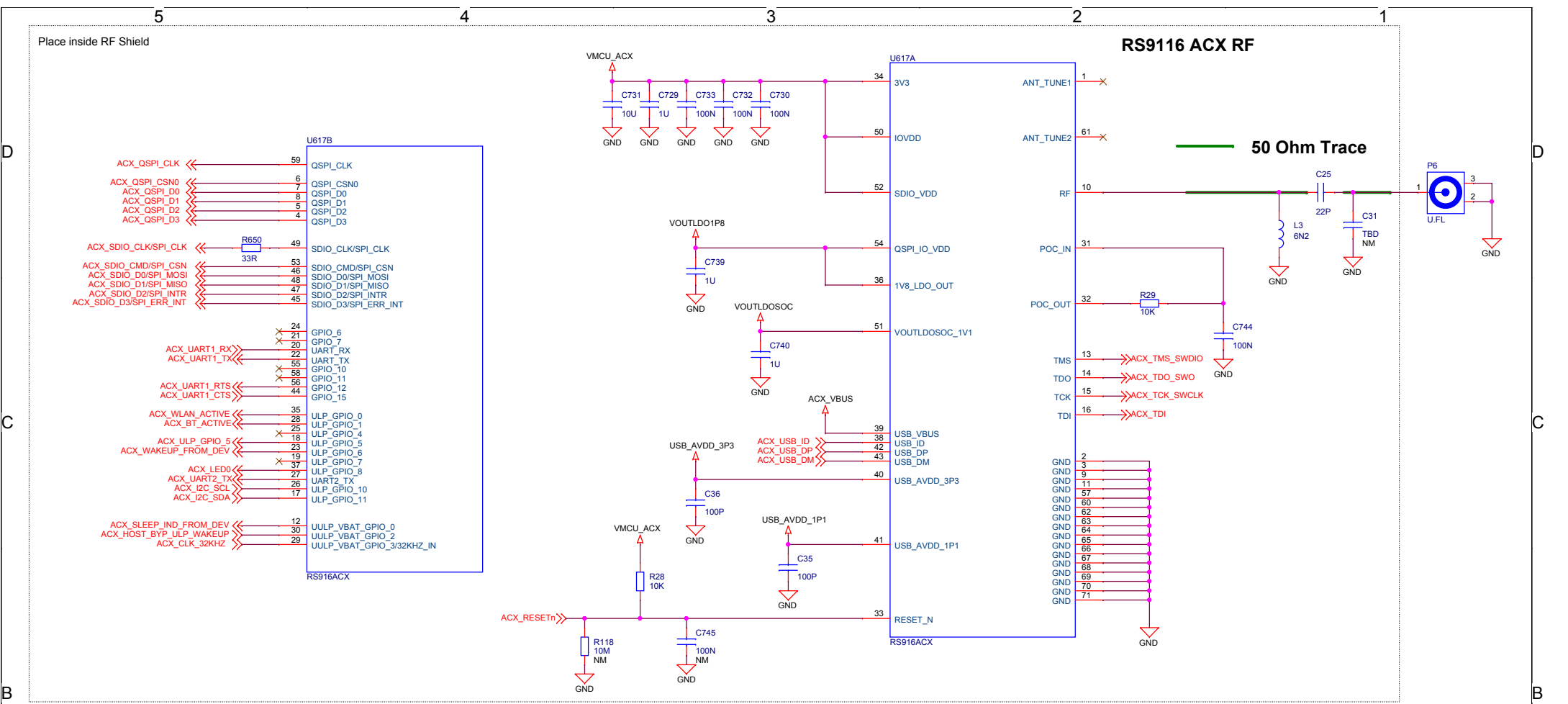
Mechanical



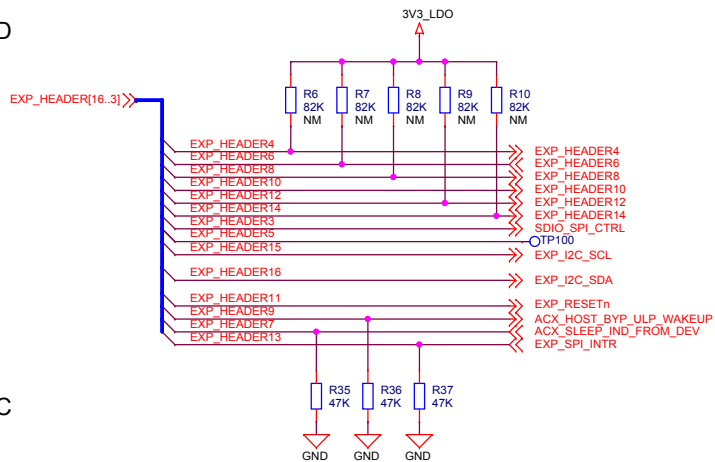
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Size A3		External Connectors	
Sheet Modified Date Friday, December 03, 2021		Board Number	
		BRD8037A	
		Revision	
		A01	
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		Sheet 3 of 8	



 SILICON LABS	Board Name RS9116 ACX EXP Board	
	Page Title Host Interface Multiplexing	
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Size A3	Sheet Modified Date Friday, December 03, 2021	Revision A01
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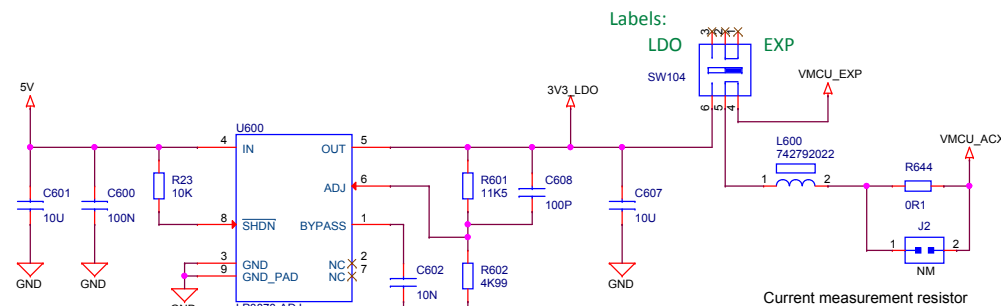
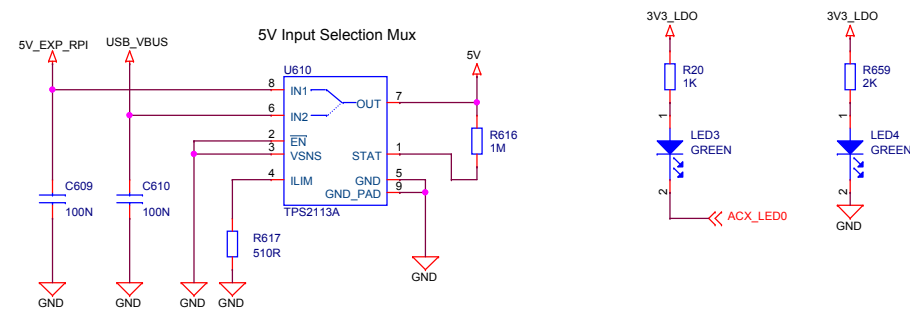
EXP Header Connections



Raspberry Pi HAT Connections

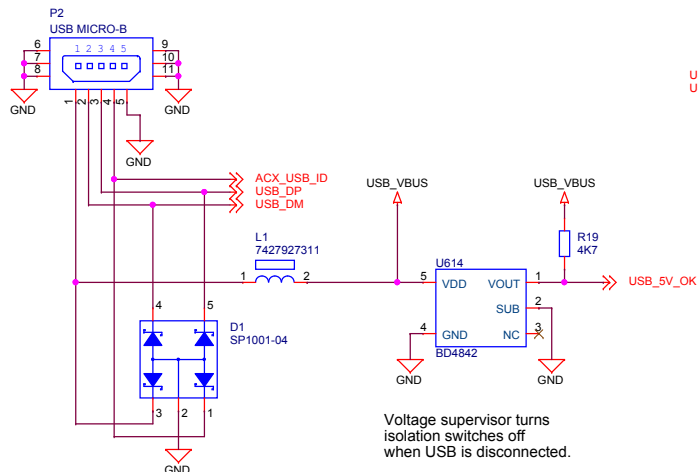


External Power Regulator

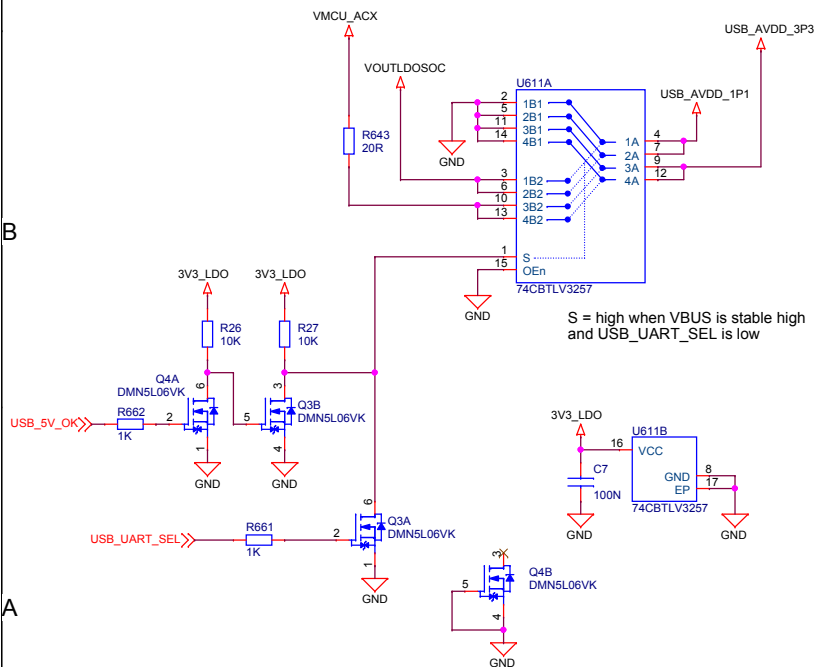


 SILICON LABS	Board Name RS9116 ACX EXP Board	
	Page Title STK Board Interface & External Power supply	
Designed Atchaiah	Approved SKV	Revision A01
Size A3	Sheet Modified Date Friday, December 03, 2021	
Board Number BRD8037A		Sheet 6 of 8
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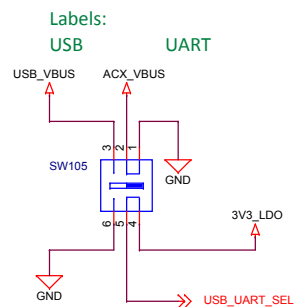
USB Interface



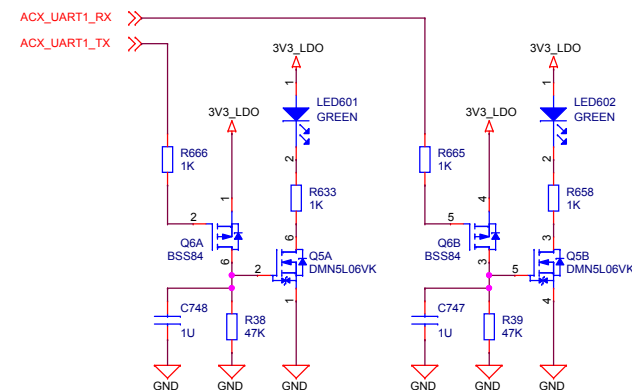
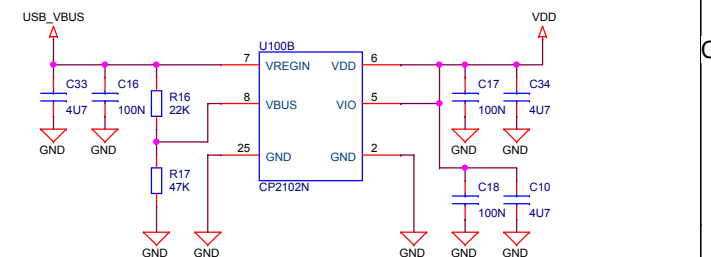
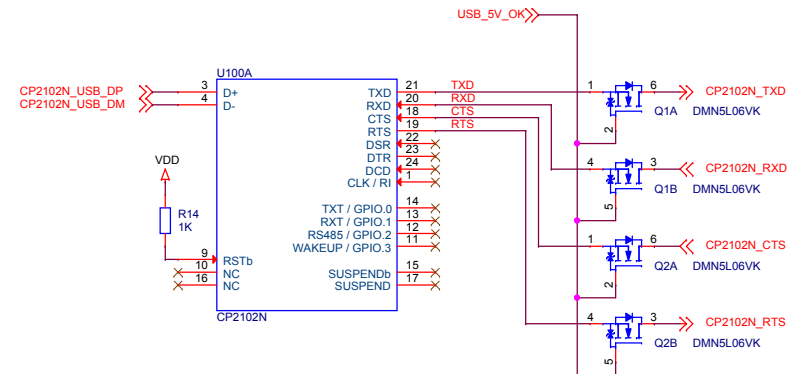
USB Power Mux



USB Mode Selection Switch & Mux

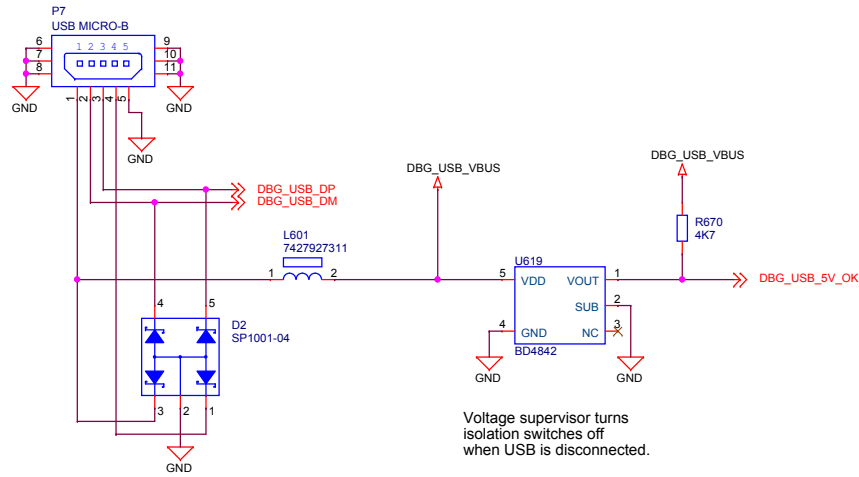


CP2102N USB to UART transceiver-1

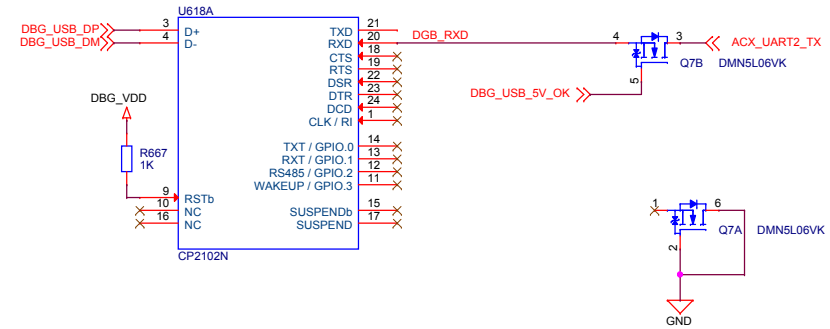


		Board Name	
		RS9116 ACX EXP Board	
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Size A3		USB Interface	
Sheet Modified Date Friday, December 03, 2021		Board Number	
		BRD8037A	
		Revision	
		A01	
		Sheet	
		7 of 8	

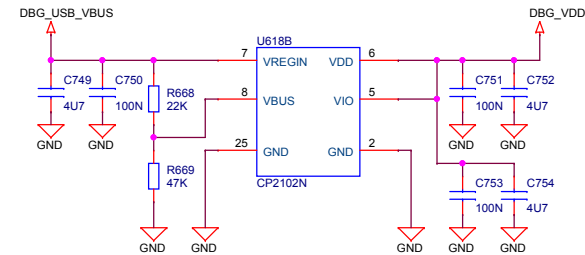
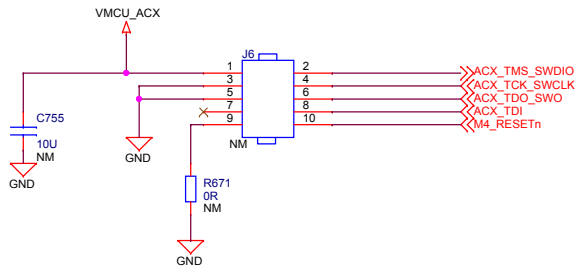
Debug USB Interface



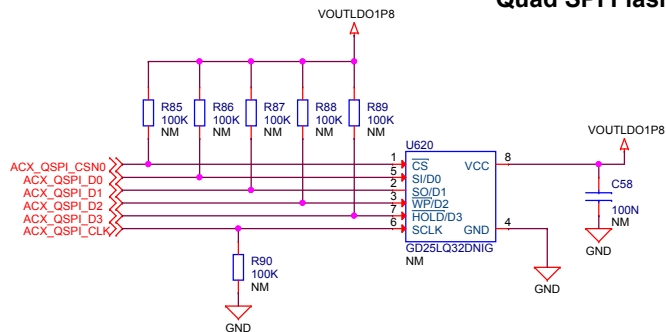
CP2102N USB to UART transceiver-2



JTAG Header



Quad SPI Flash



		Board Name	
		RS9116 ACX EXP Board	
Designed Atchalaiah		Page Title	
Approved SKV		RS9116 ACX Debug Interface	
Size A3		Board Number	Revision
Sheet Modified Date		BRD8037A	A01
Friday, December 03, 2021		Sheet 8 of 8	