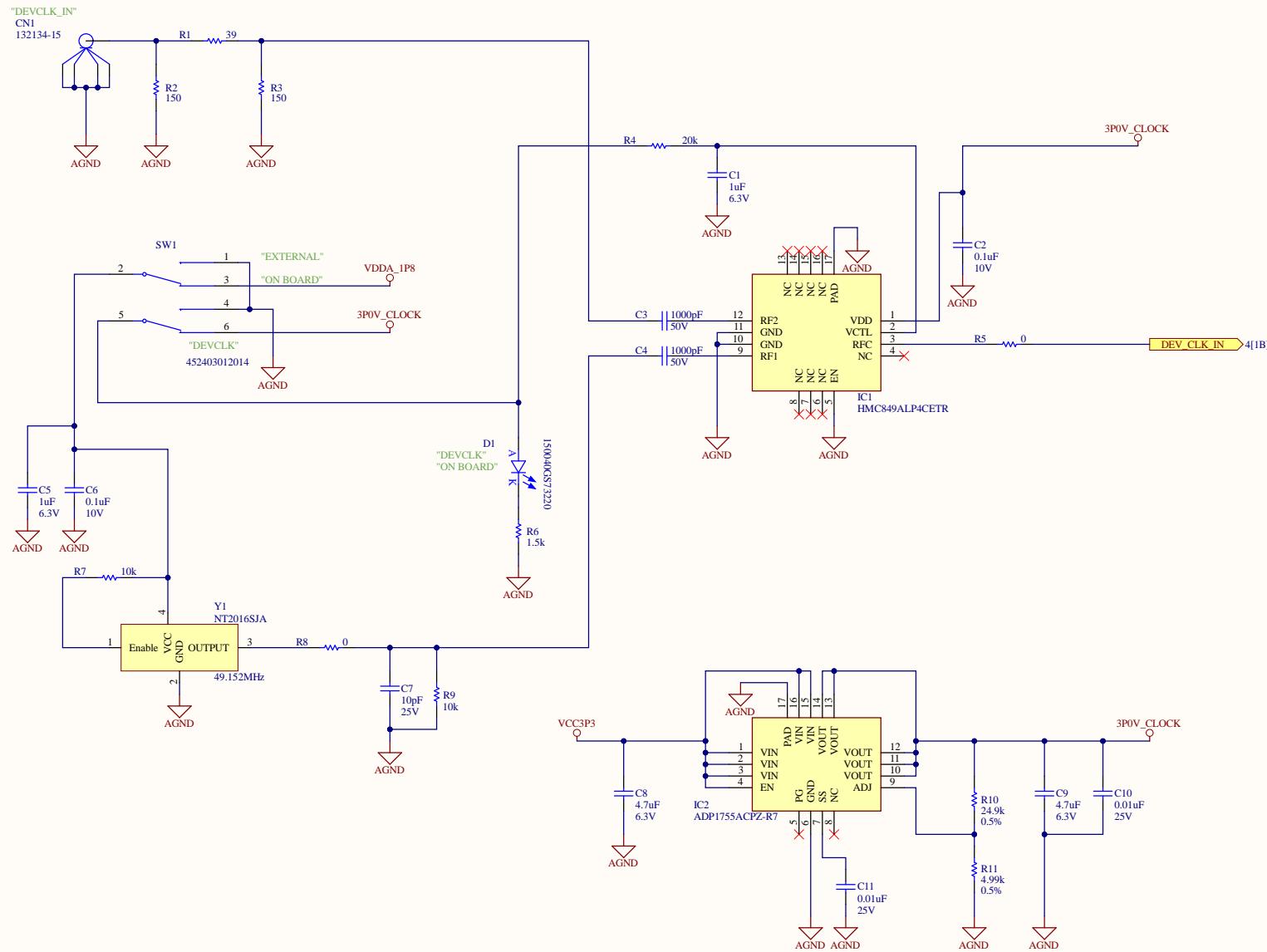


Yonaguni

Page	Title
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02	Navassa Clock
03	Navassa RF TX, RX, RFLO
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05	Navassa Power
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23	Power Supply 1.0V, 1.1V, 1.5V, 1.8V, 2.5V, 3.3V, 5V
24	Power Supply Navassa 1.8V, 1.3V
25	History of revisions

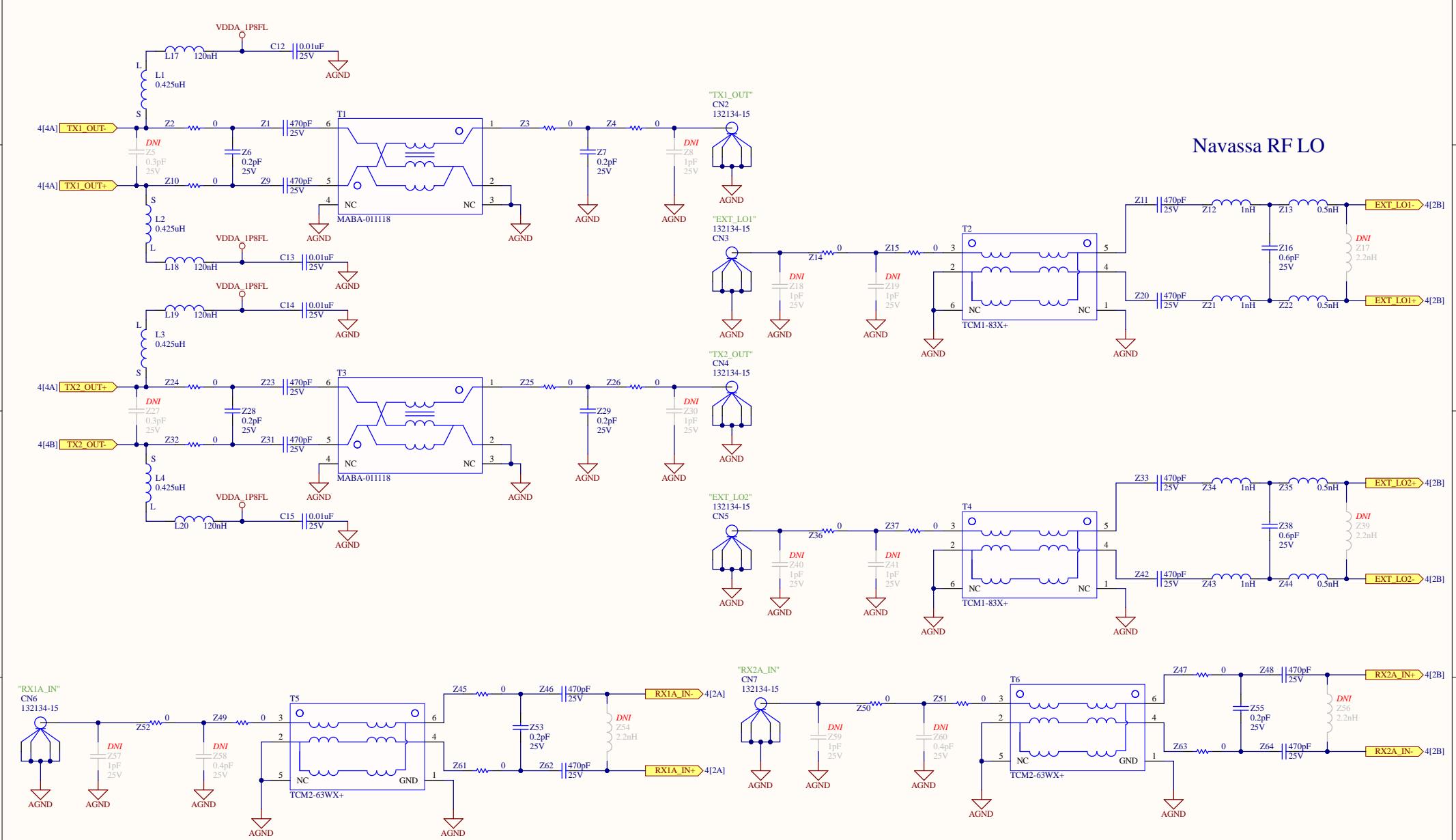
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Inspection H.Sato	Date 2022/7/19	Size A3	
Drawing Hiroyuki Tsuchiya		DWG No 1113-01-YG-302-001	Rev 2.01

Navassa Clock



Approval	File Name	Title	Sheet
H.Sato	Navassa_Clk.SchDoc	Yonaguni	2 / 25
Inspection	Date 2022/7/19	Size A3	
Drawing	Hirofumi Tsuchiya	DWG No 1113-01-YG-302-001	Rev 2.01

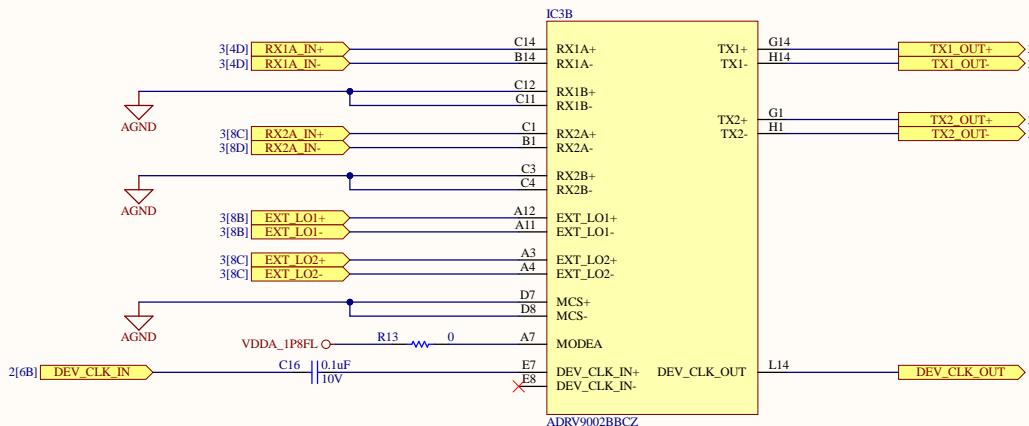
Navassa RF TX, RX



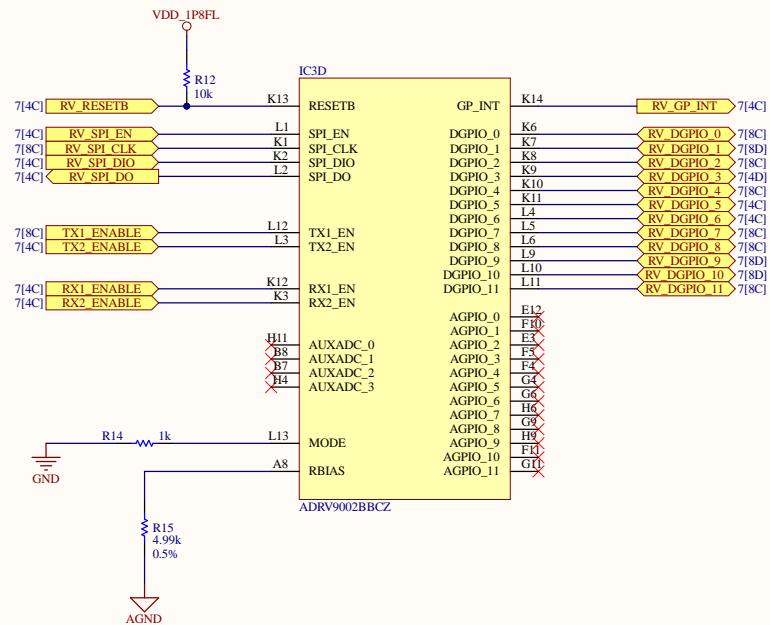
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Inspection	Date 2022/7/19	Size A3
Drawing		Sheet 3 / 25
Hirofumi Tsuchiya	Marimo Electronics Co.,Ltd.	DWG No 1113-01-YG-302-001
Rev 2.01		

Navassa RF IO

A

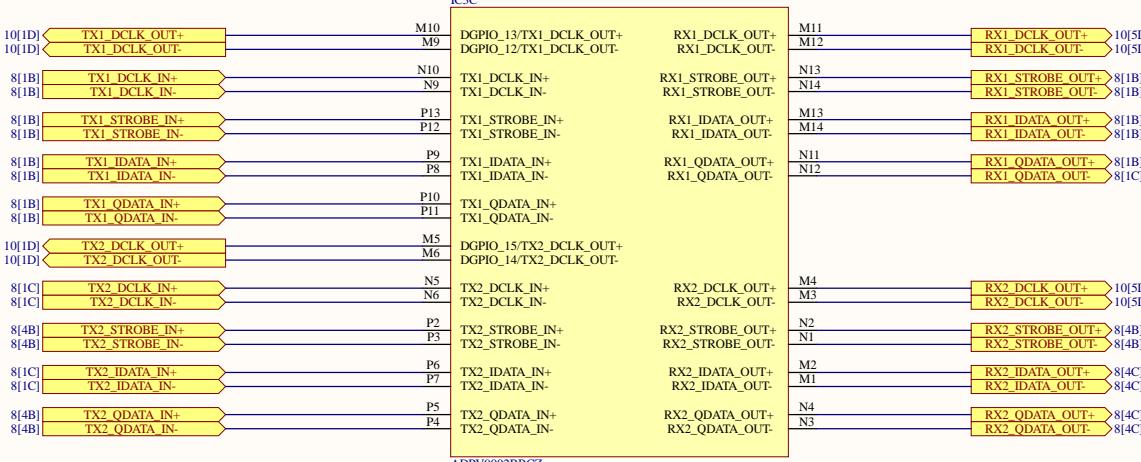


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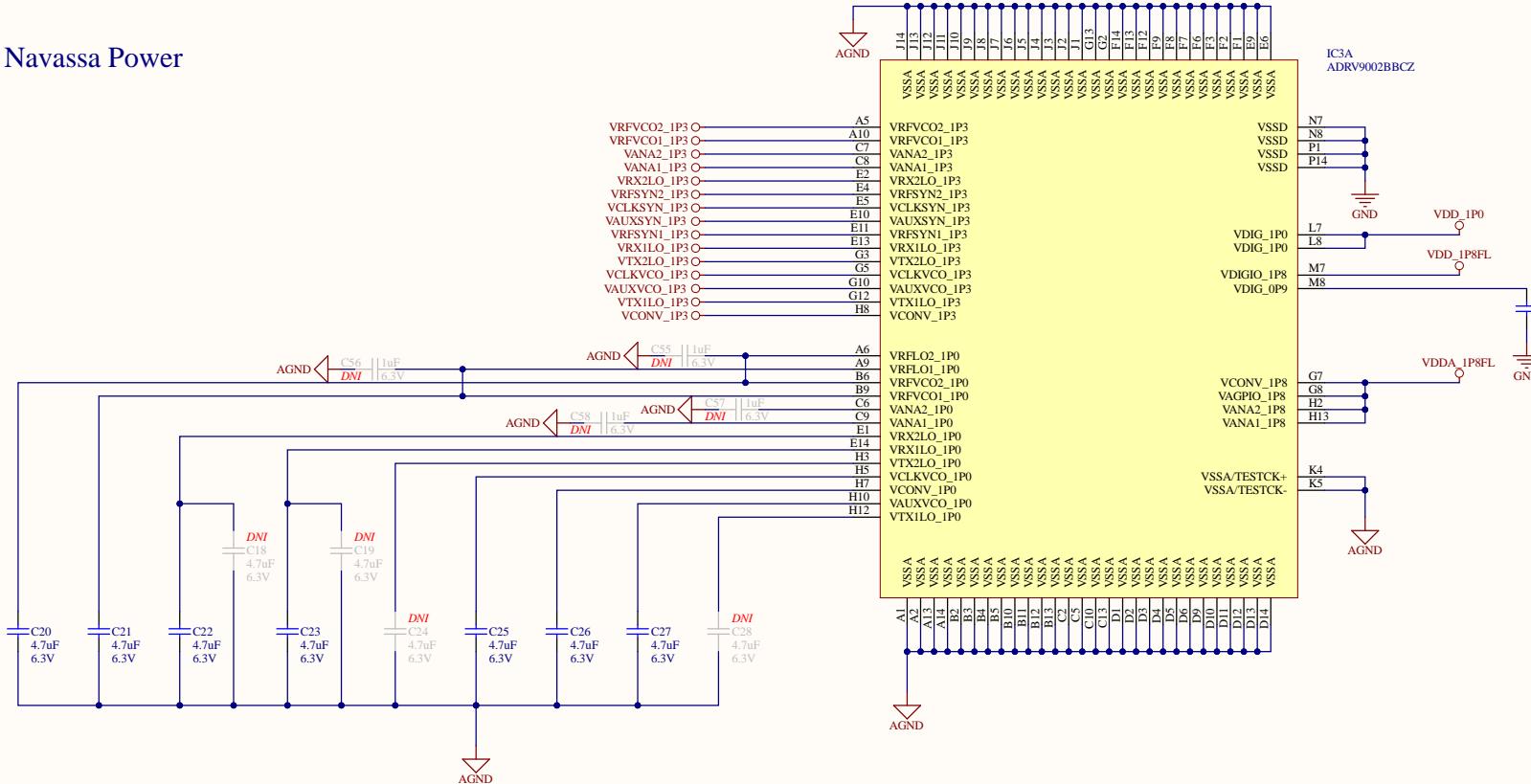
Navassa Data Port

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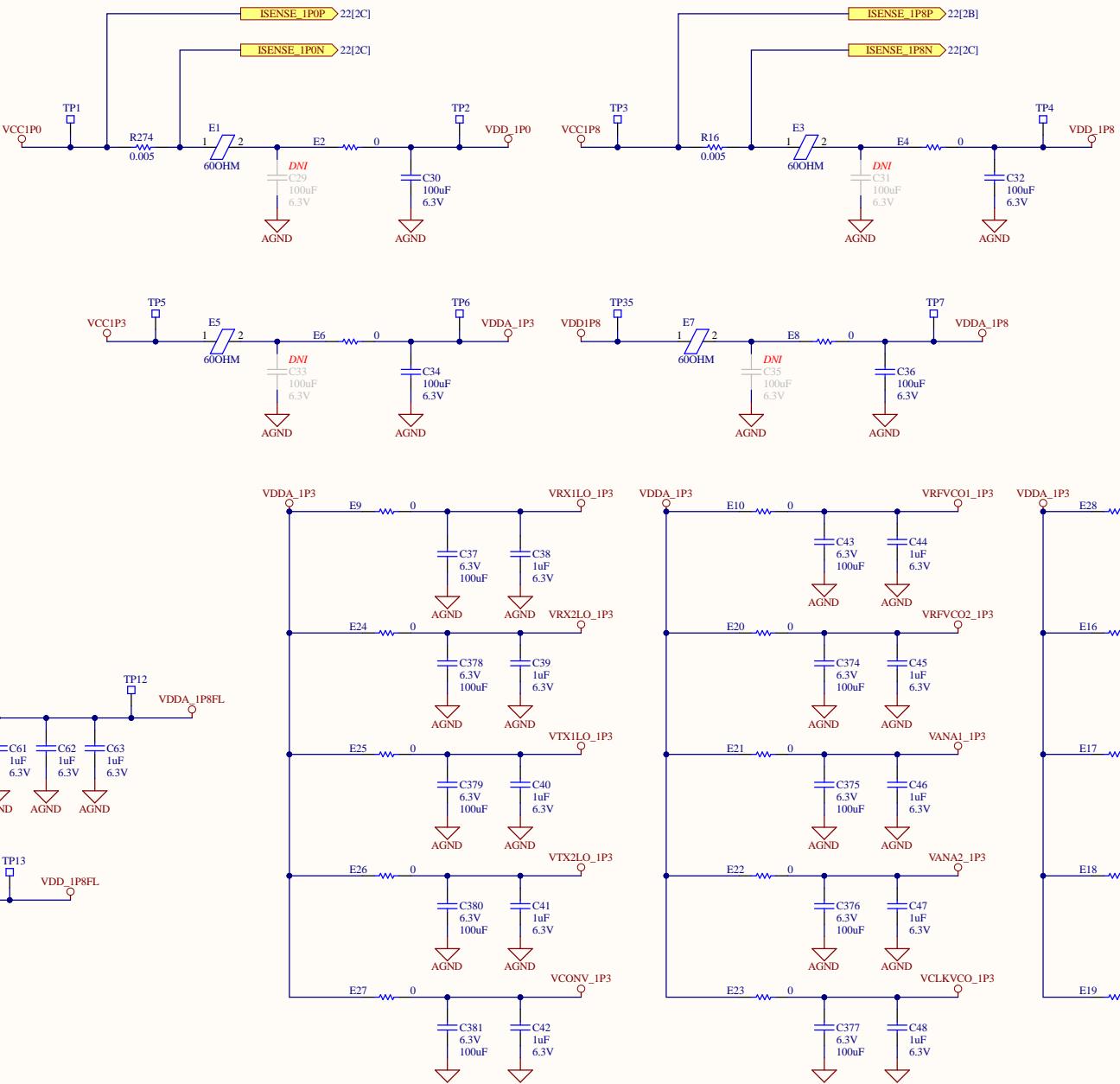
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Inspection	Date 2027/19	Size A3
Drawing	Rev 2.01	Sheet 4 / 25
Hirofumi Tsuchiya	Marimo Electronics Co.,Ltd.	DWG No 1113-01-YG-302-001

Navassa Power



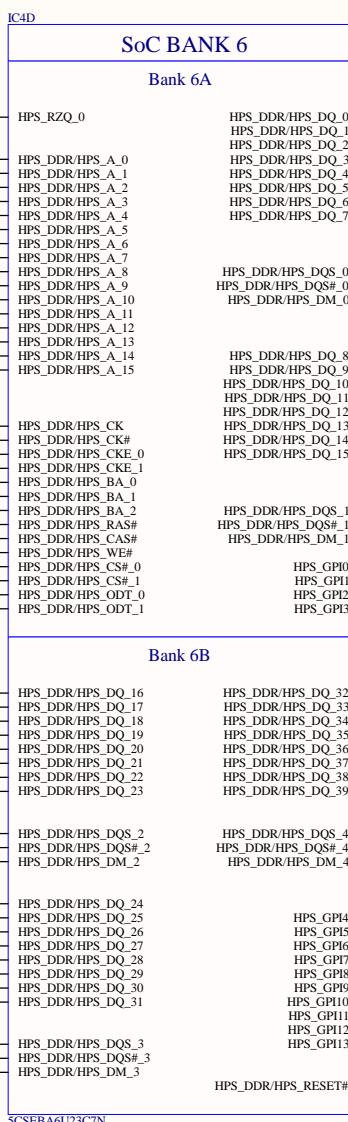
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Inspection	Date 2022/7/19	Size A3
H.Sato		Sheet 5 / 25
Drawing		
Hirofumi Tsuchiya	Marimo Electronics Co.,Ltd.	DWG No 1113-01-YG-302-001
		Rev 2.01

Navassa Power Pin

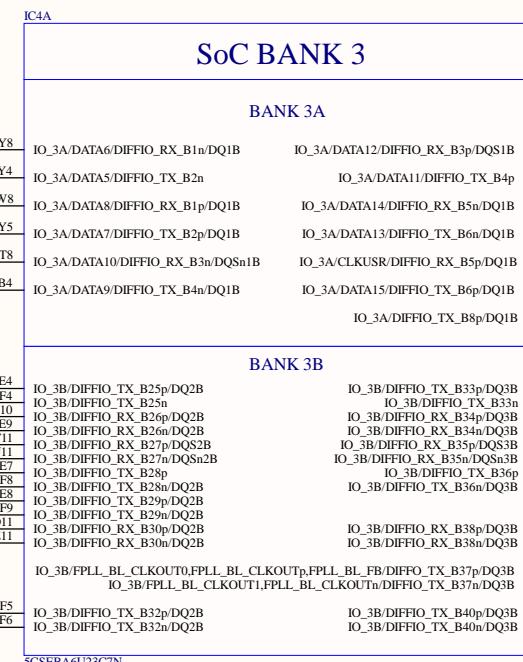
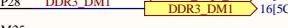
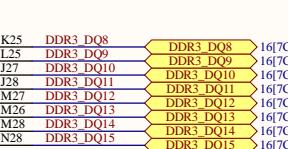
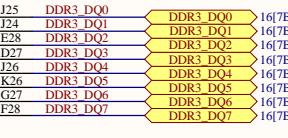


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Inspection H.Sato	Date 2022/7/19	Size A3
Drawing Hiroyuki Tsuchiya	Marimo Electronics Co.,Ltd.	DWG No 1113-01-YG-302-001

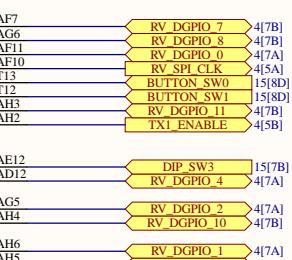
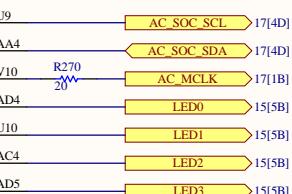
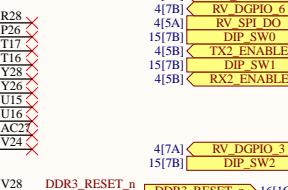
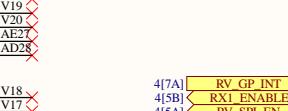
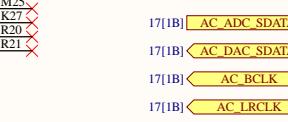
A



B



C

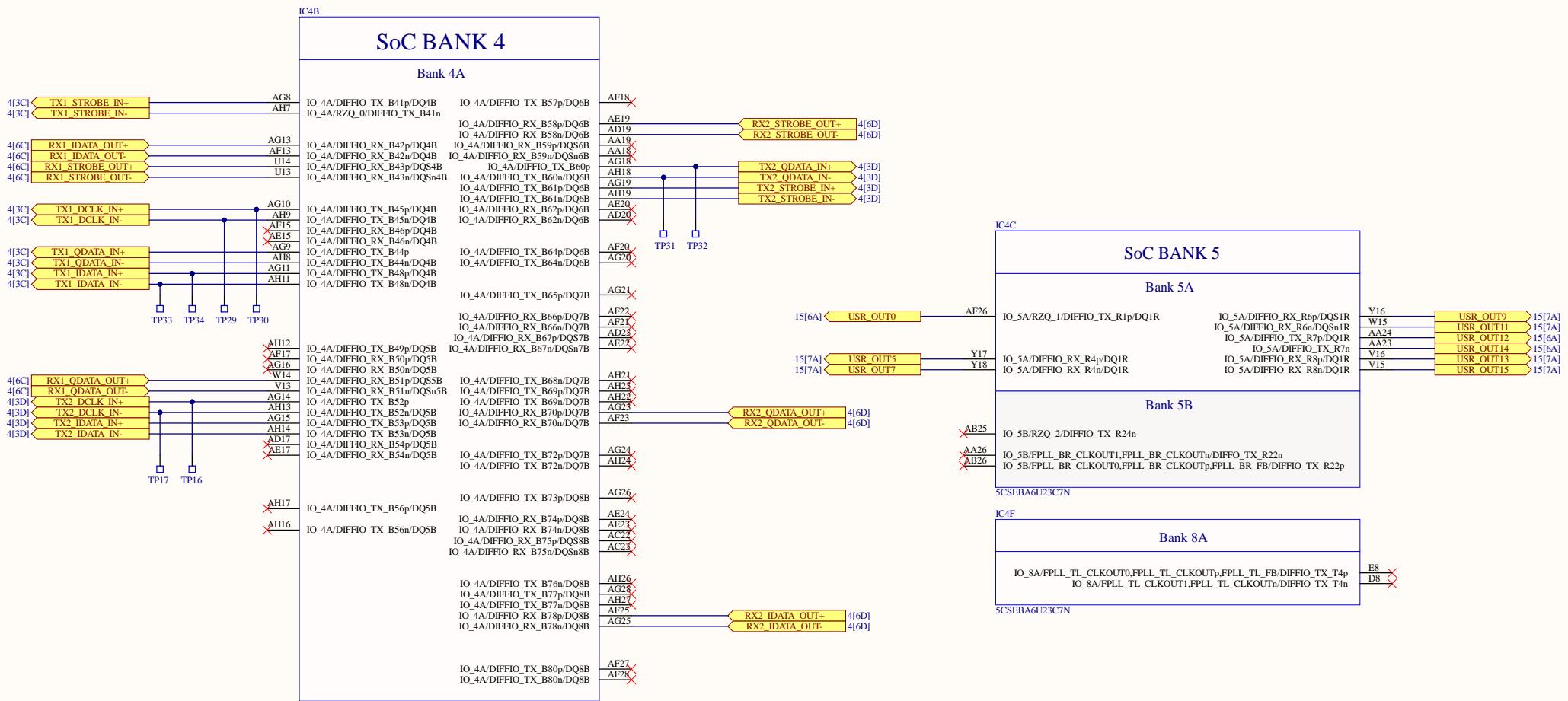


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Approval H.Sato	File Name SoC_BANK3&6.SchDoc	Title Yonaguni
Inspection H.Sato	Date 2022/7/19	Size A3
Drawing Hiroyuki Tsuchiya	DWG No 1113-01-YG-302-001	Rev 2.01

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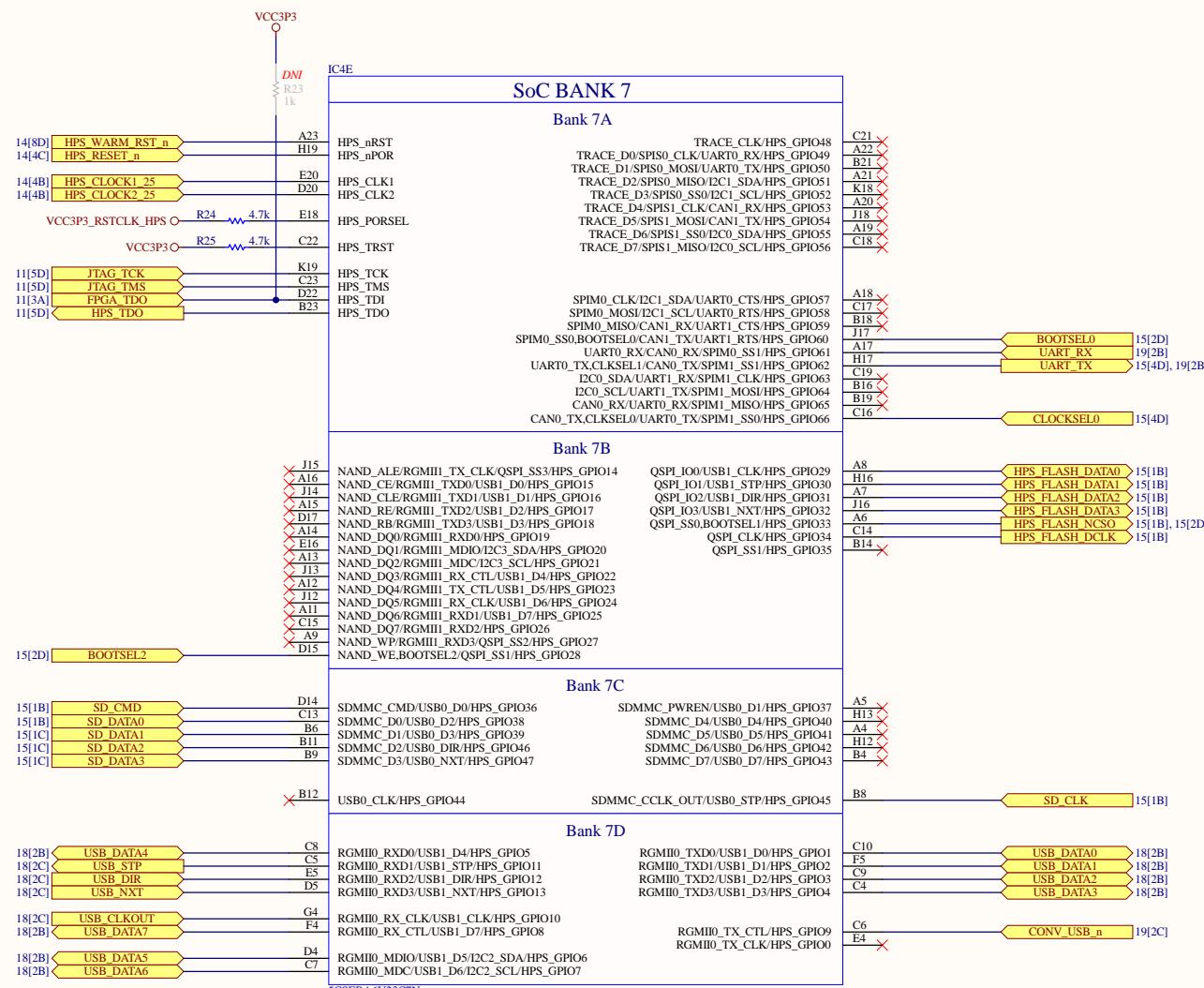
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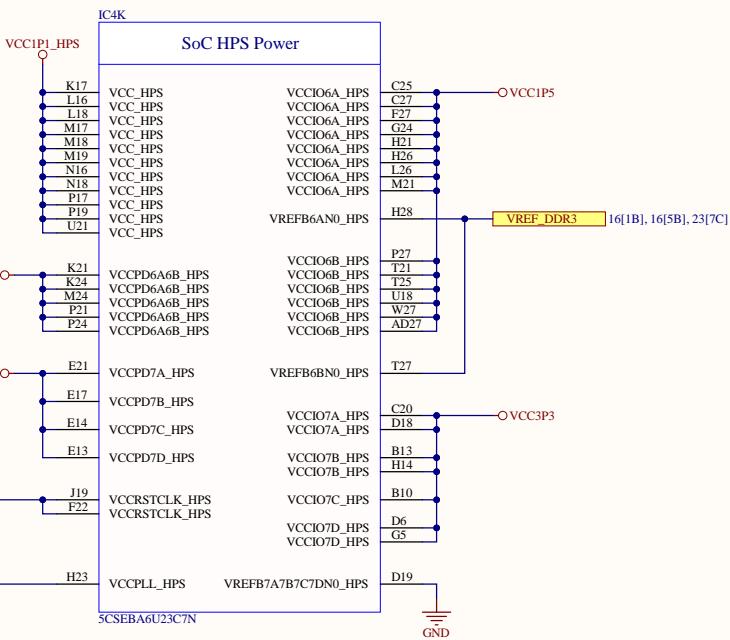
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Inspection H.Sato	Date 2022/7/19	Size A3	Sheet 8 / 25
Drawing Hiroyuki Tsuchiya	Marimo Electronics Co.,Ltd.	DWG No 1113-01-YG-302-001	Rev 2.01

A

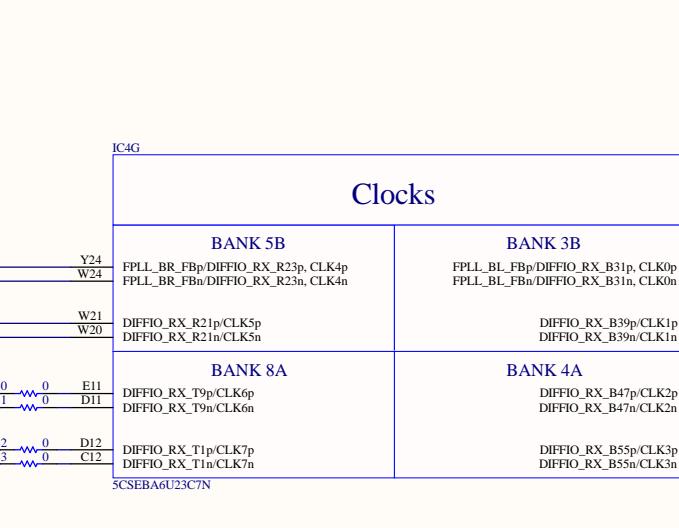
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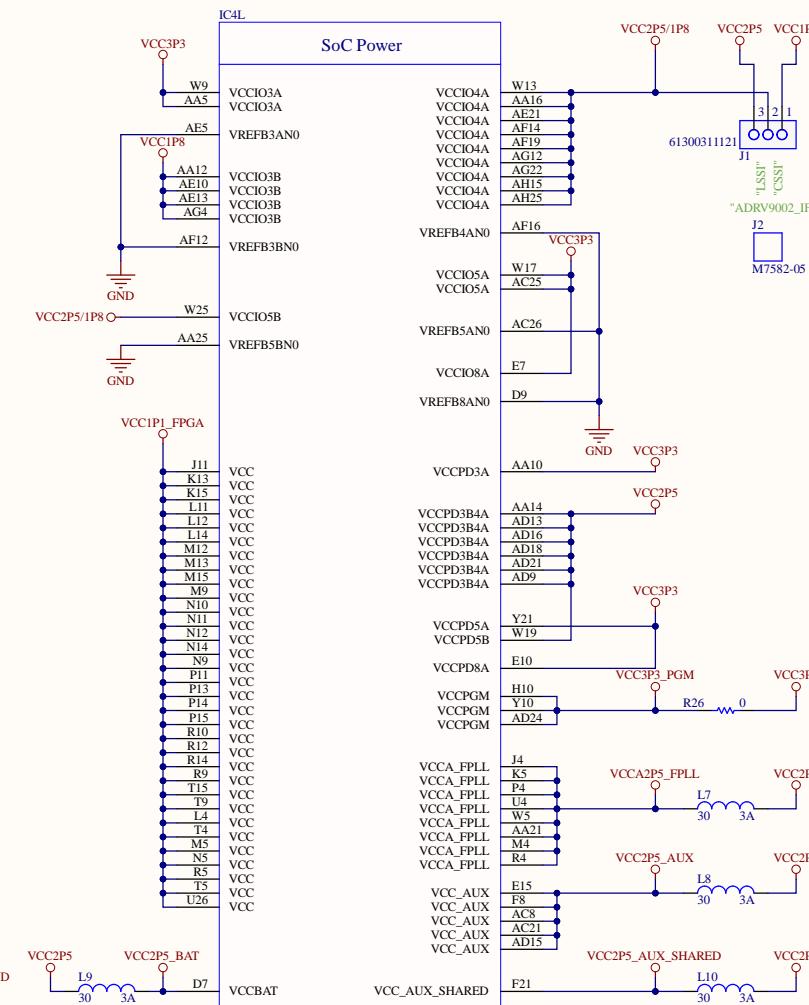
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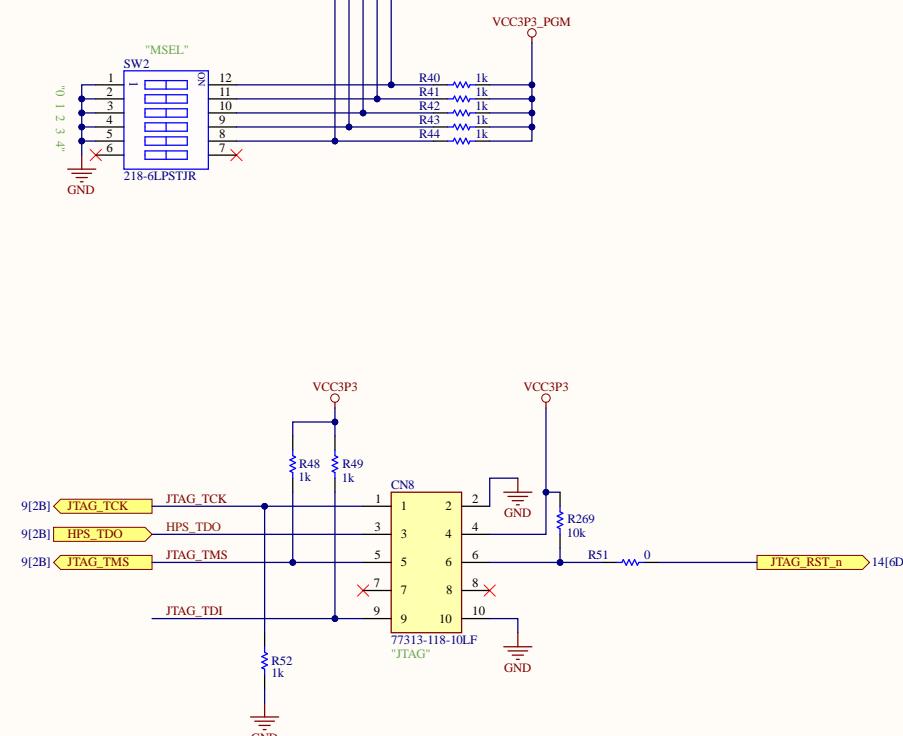
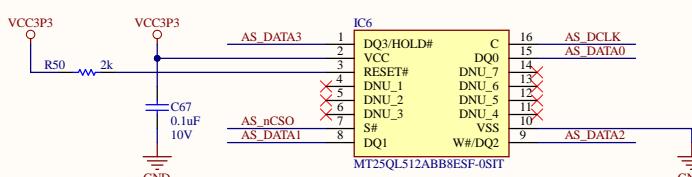
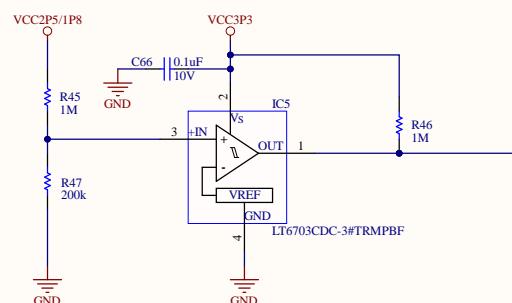
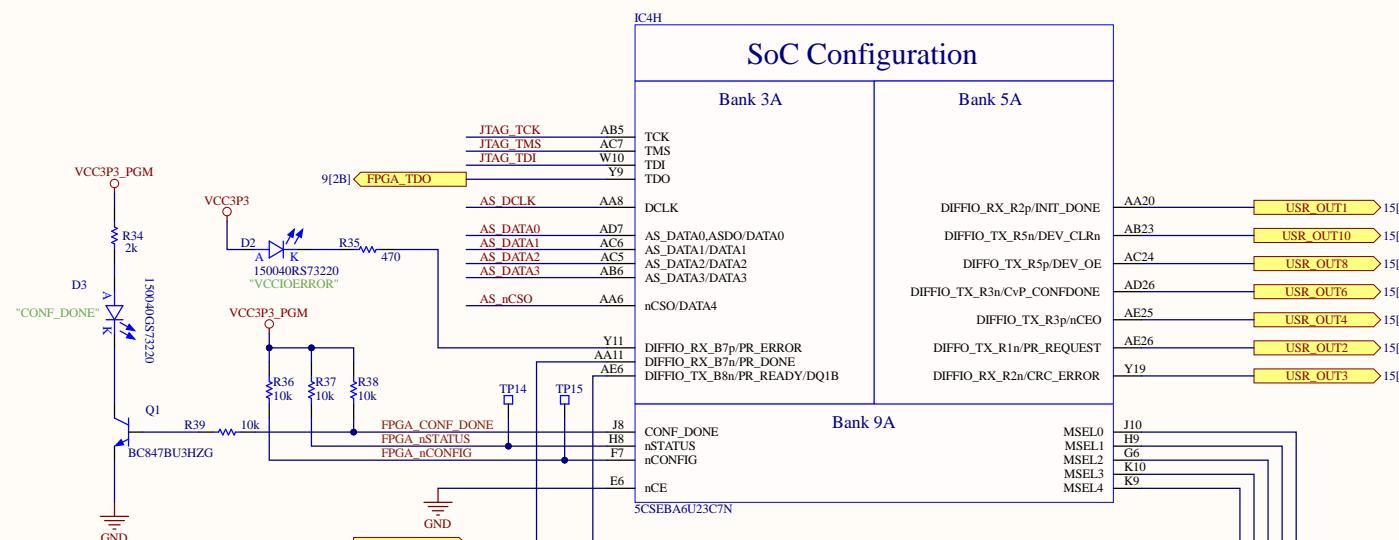


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D

Approval	File Name	Title
H.Sato	SoC_Power_Clk.SchDoc	Yonaguni
Inspection	Date 2022/7/19	Size A3
H.Sato	Drawing Hirokatsu Tsuchiya	Sheet 10 / 25
	Marimo Electronics Co.,Ltd.	DWG No 1113-01-YG-302-001
		Rev 2.01



Approval	File Name	Title	Sheet
H.Sato	SoC_Conf.SchDoc	Yonaguni	
Inspection	Date 2022/7/19	Size A3	11 / 25
Drawing	Hirokatsu Tsuchiya	DWG No 1113-01-YG-302-001	Rev 2.01

A

A

B

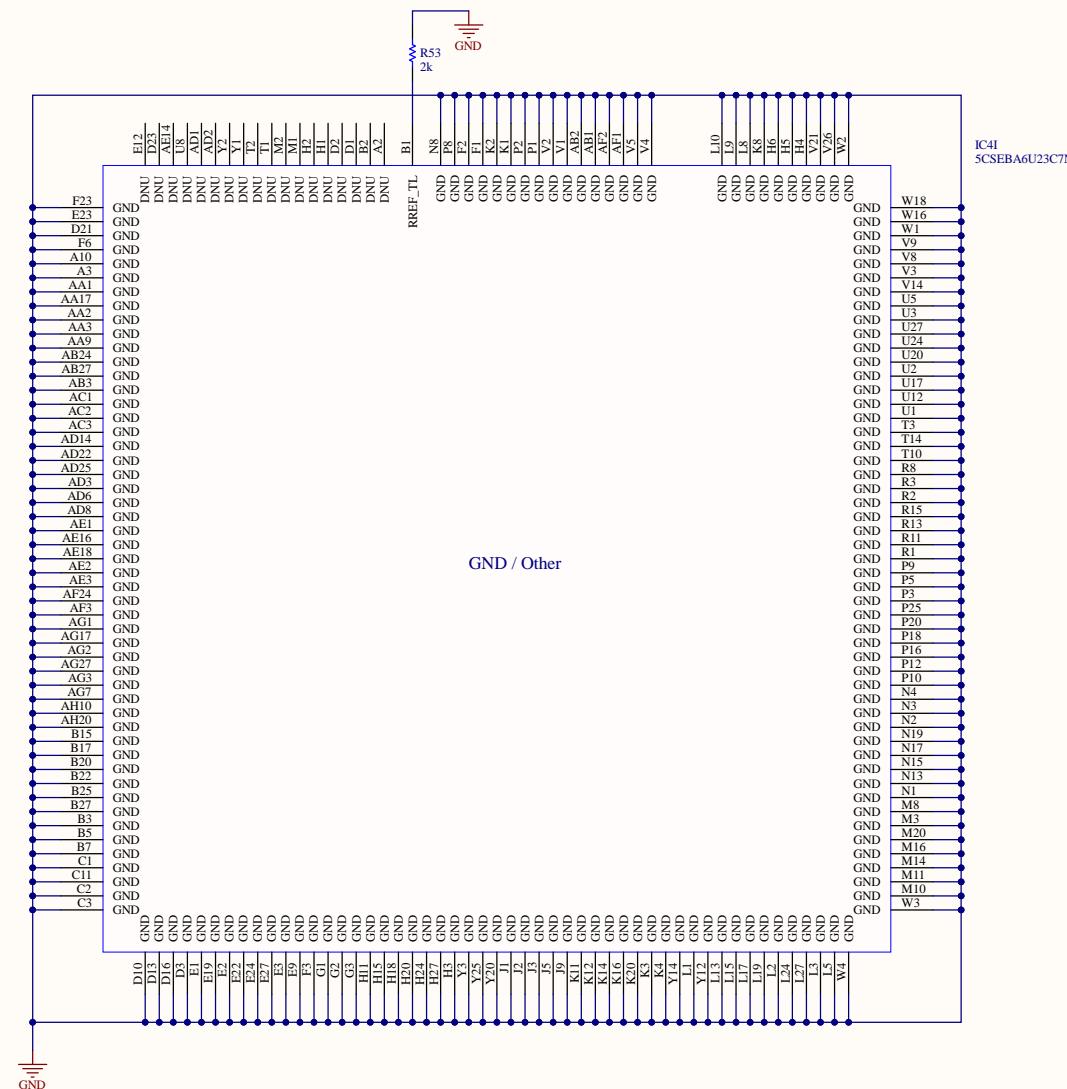
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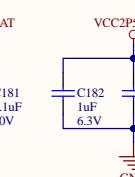
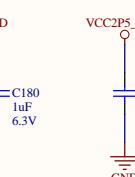
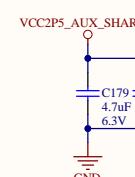
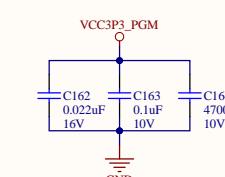
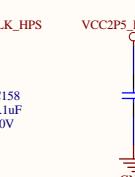
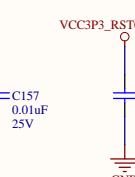
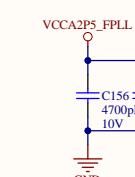
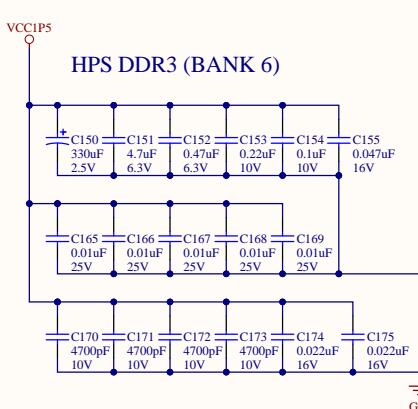
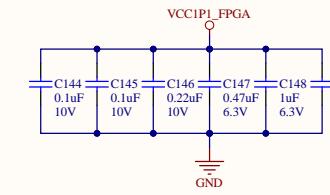
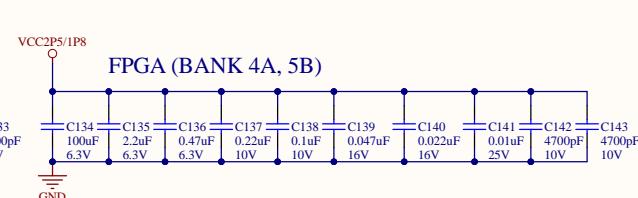
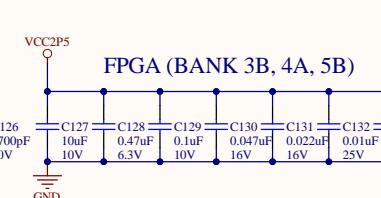
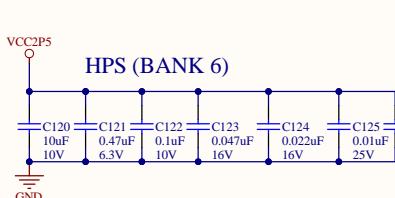
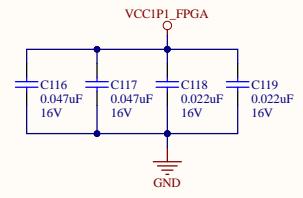
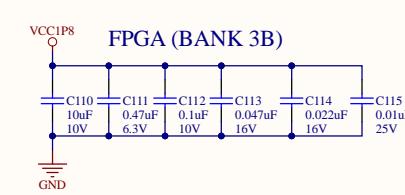
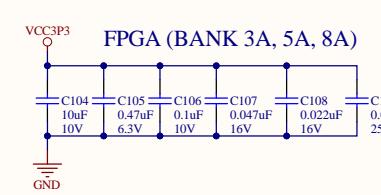
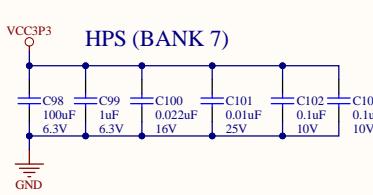
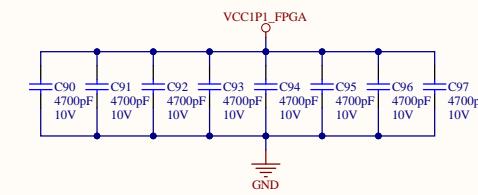
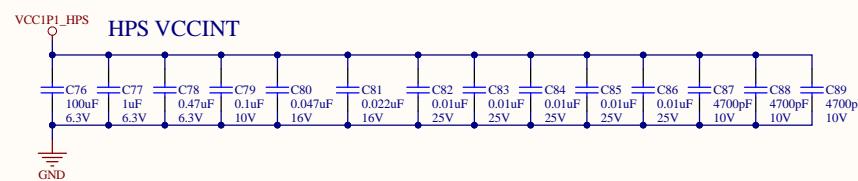
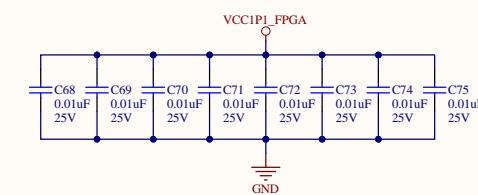
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D

D



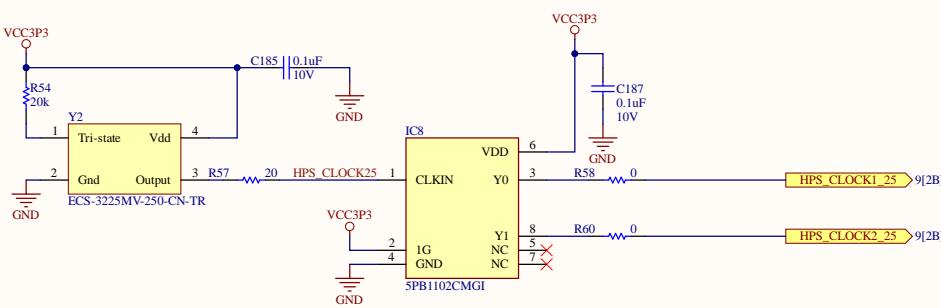
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Inspection H.Sato	Date 2022/7/19	Size A3	
Drawing Hiroyuki Tsuchiya		DWG No 1113-01-YG-302-001	Rev 2.01

FPGA VCCINT

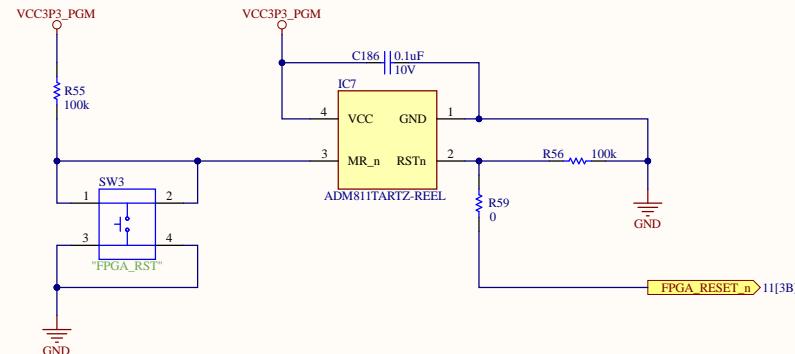
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H.Sato	SoC_PassCon.SchDoc	Yonaguni	
Inspection	Date 2022/7/19	Size A3	
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Drawing			
Hirofumi Tsuchiya		DWG No 1113-01-YG-302-001	Rev 2.01

Clock / Reset

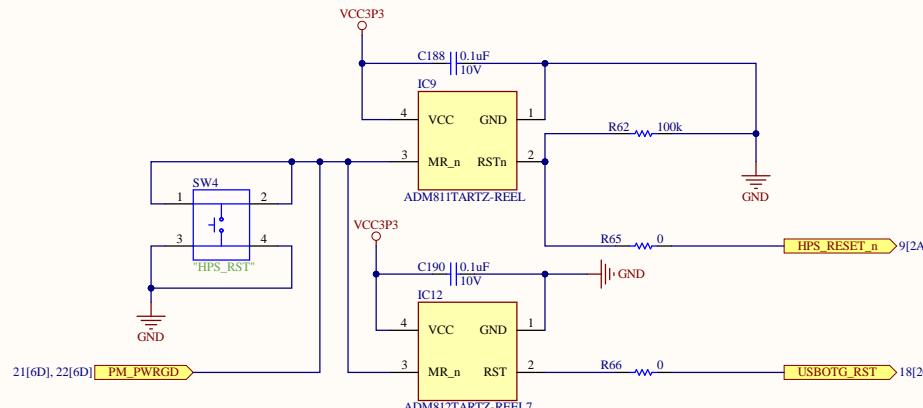
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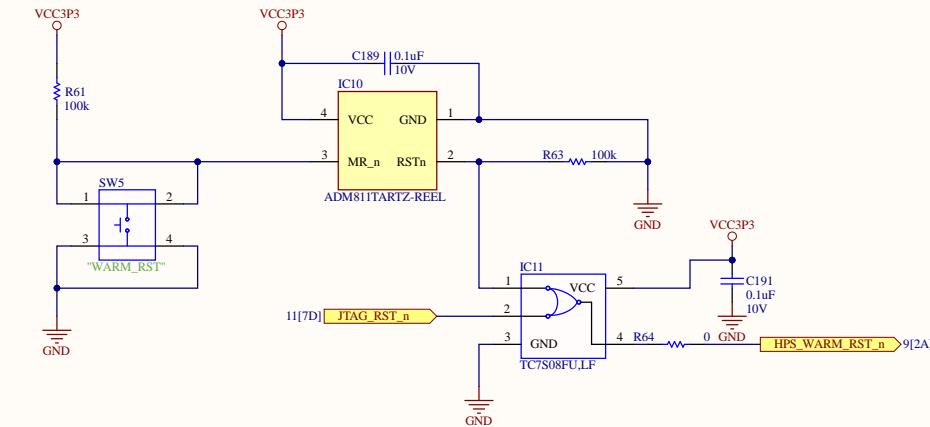
FPGA Reset



HPS Reset



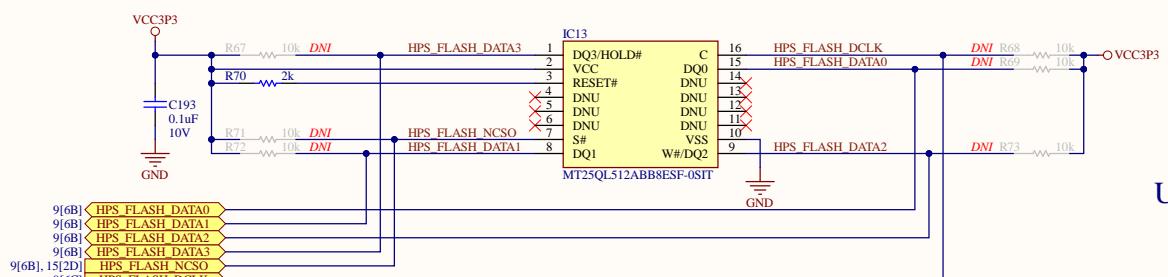
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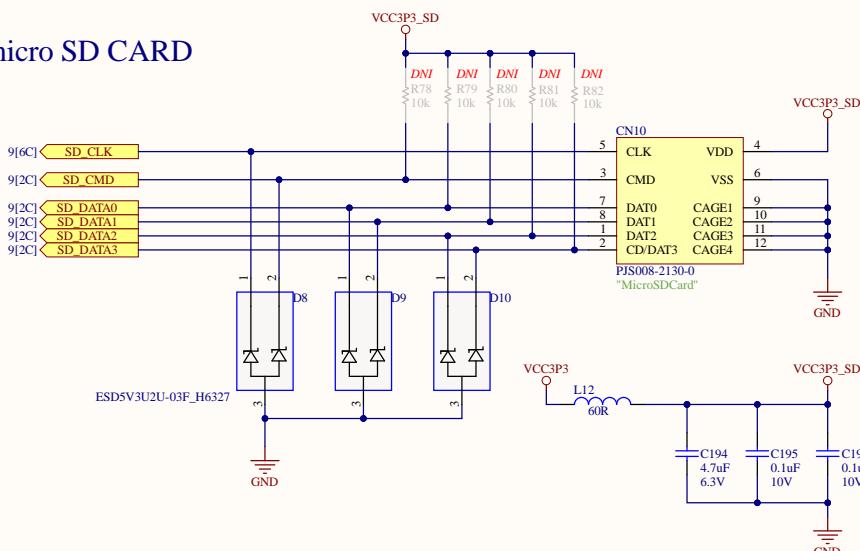
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H.Sato	Clk_Rst.SchDoc	Yonaguni
Inspection	2022/7/19	Sheet 14 / 25
H.Sato		A3
Drawing		
Hiroki Tsuchiya		DWG No
		1113-01-YG-302-001
		Rev 2.01



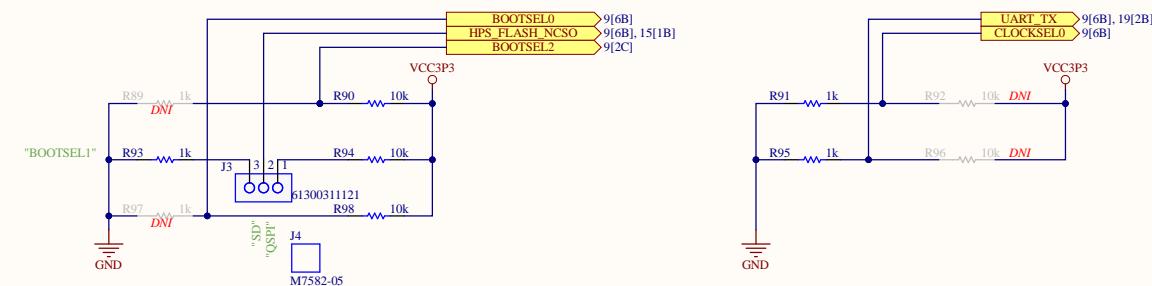
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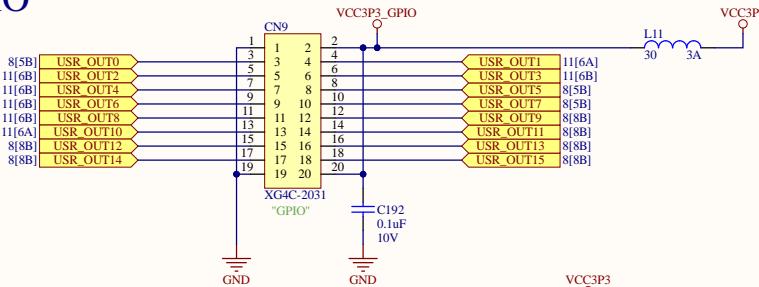
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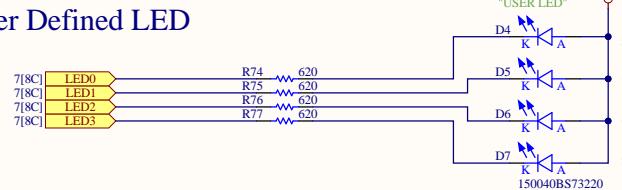
Boot Select



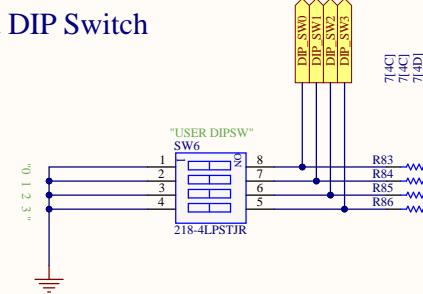
GPIO



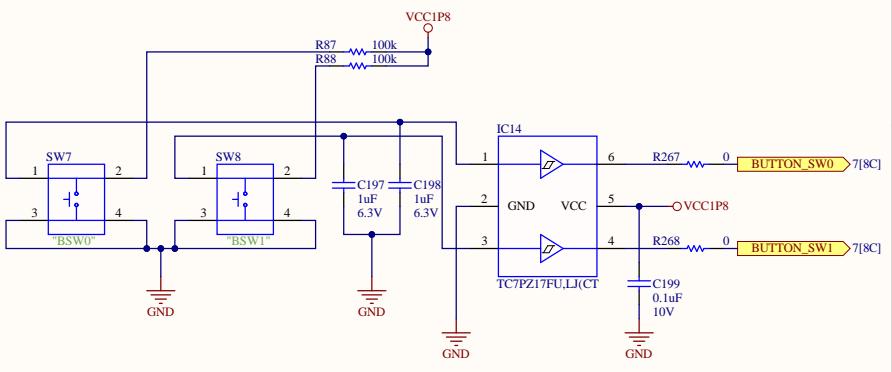
User Defined LED



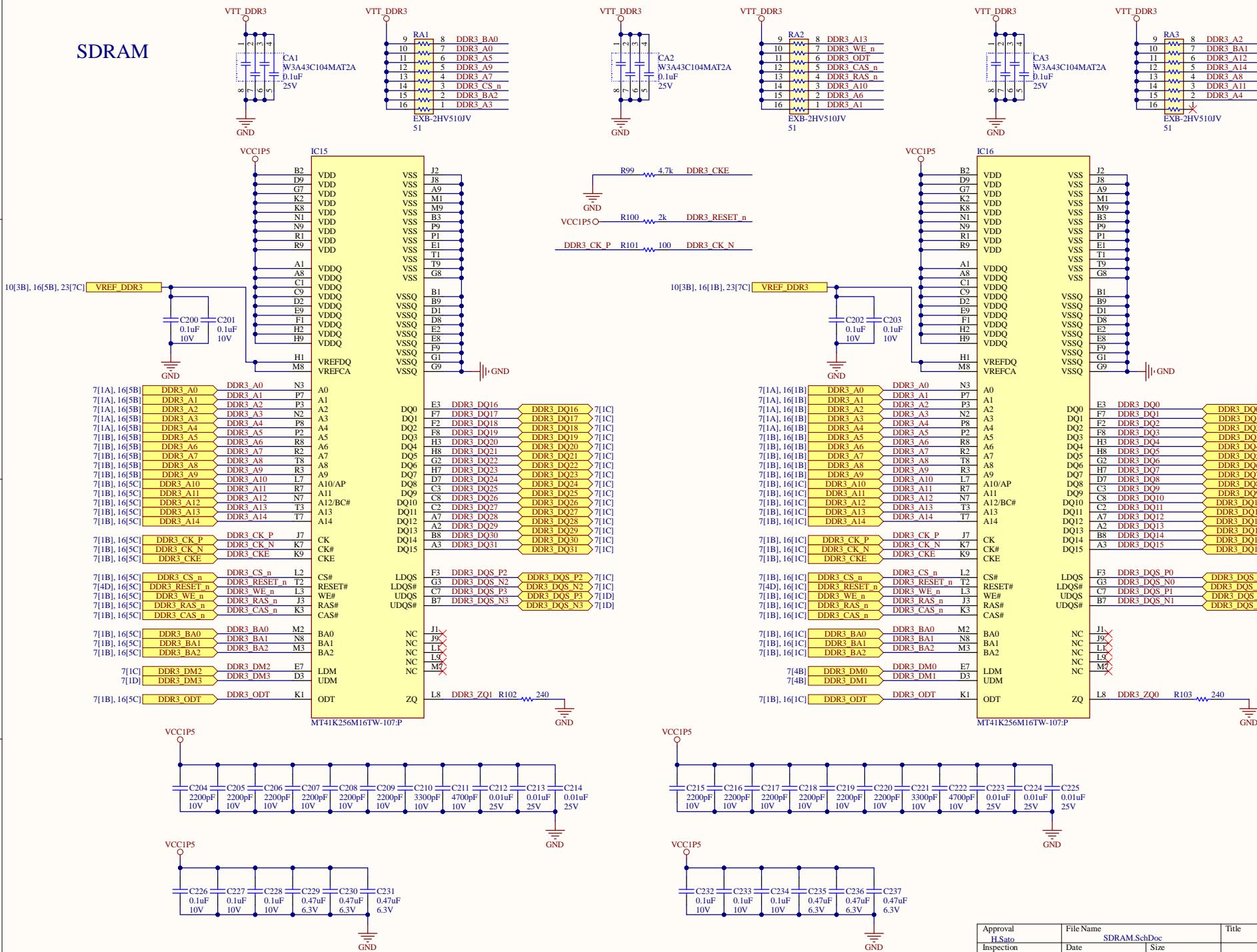
User Defined DIP Switch



User Defined Button Switch

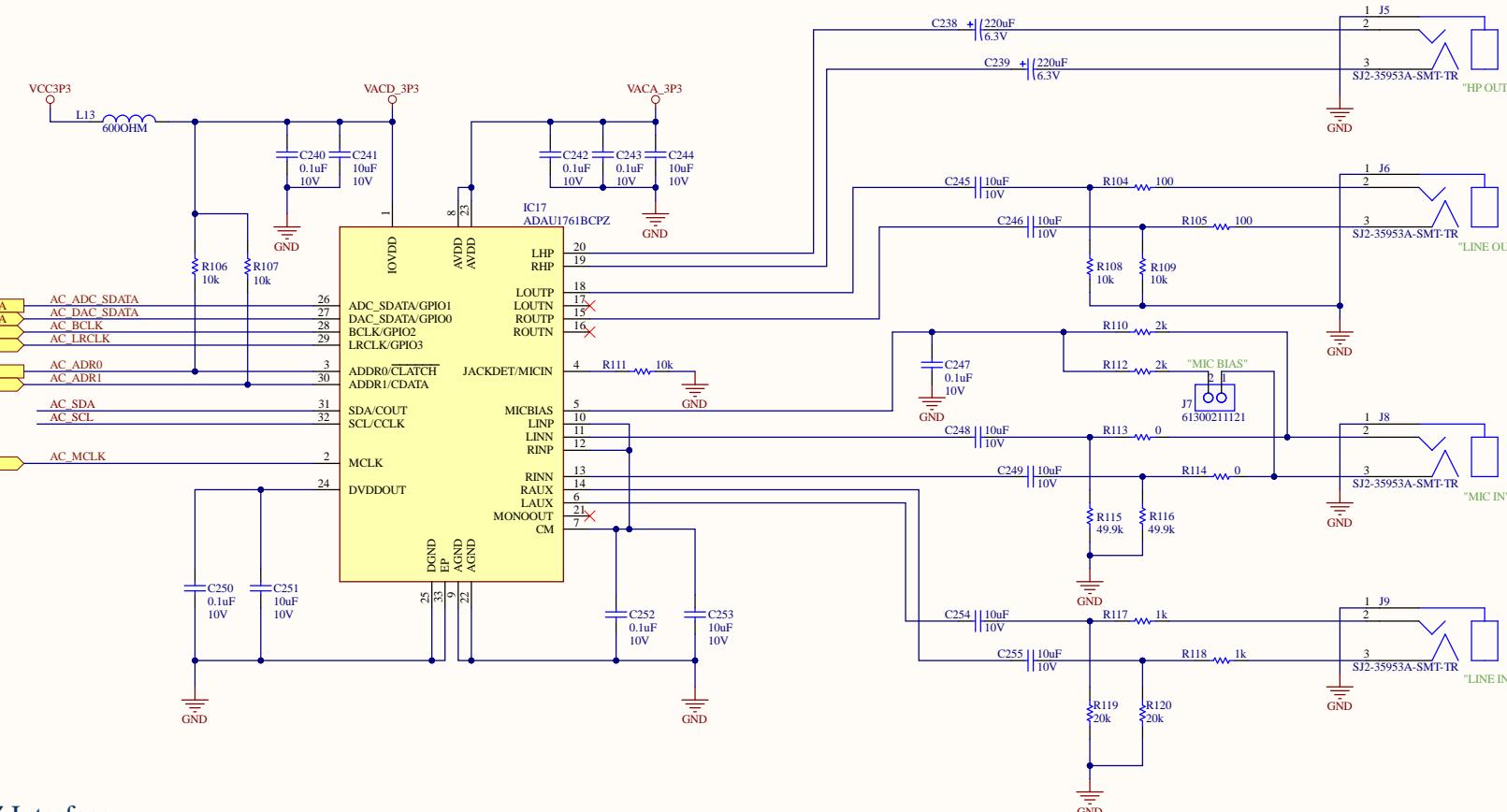


Approval H.Sato	File Name Boot_GPIO.SchDoc	Title Yonaguni	
Inspection H.Sato	Date 2022/7/19	Size A3	Sheet 15 / 25
Drawing Hiroyuki Tsuchiya	Marimo Electronics Co., Ltd.	DWG No 1113-01-YG-302-001	Rev 2.01

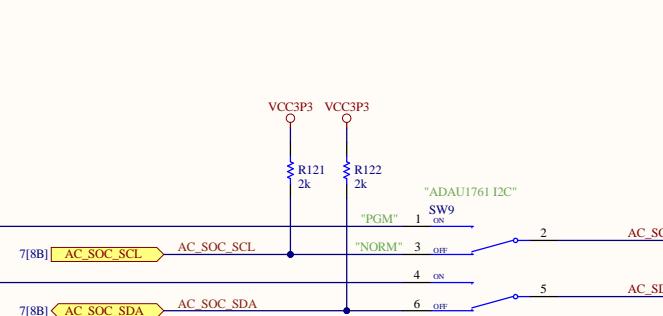
SDRAM

Approval H.Sato	File Name SDRAM.SchDoc	Title Yonaguni
Inspection H.Sato	Date 2022/7/19	Size A3
Drawing Hiroyuki Tsuchiya	DWG No 1113-01-YG-302-001	Rev 2.01

Audio Codec

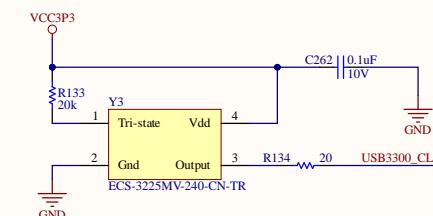
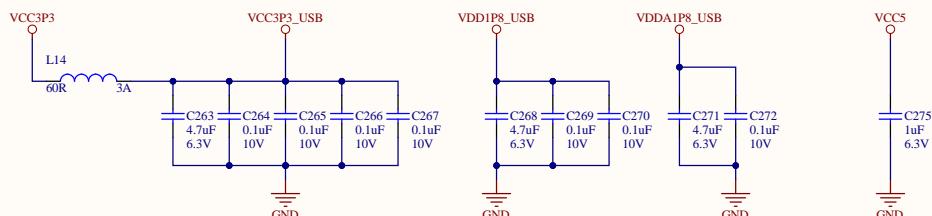
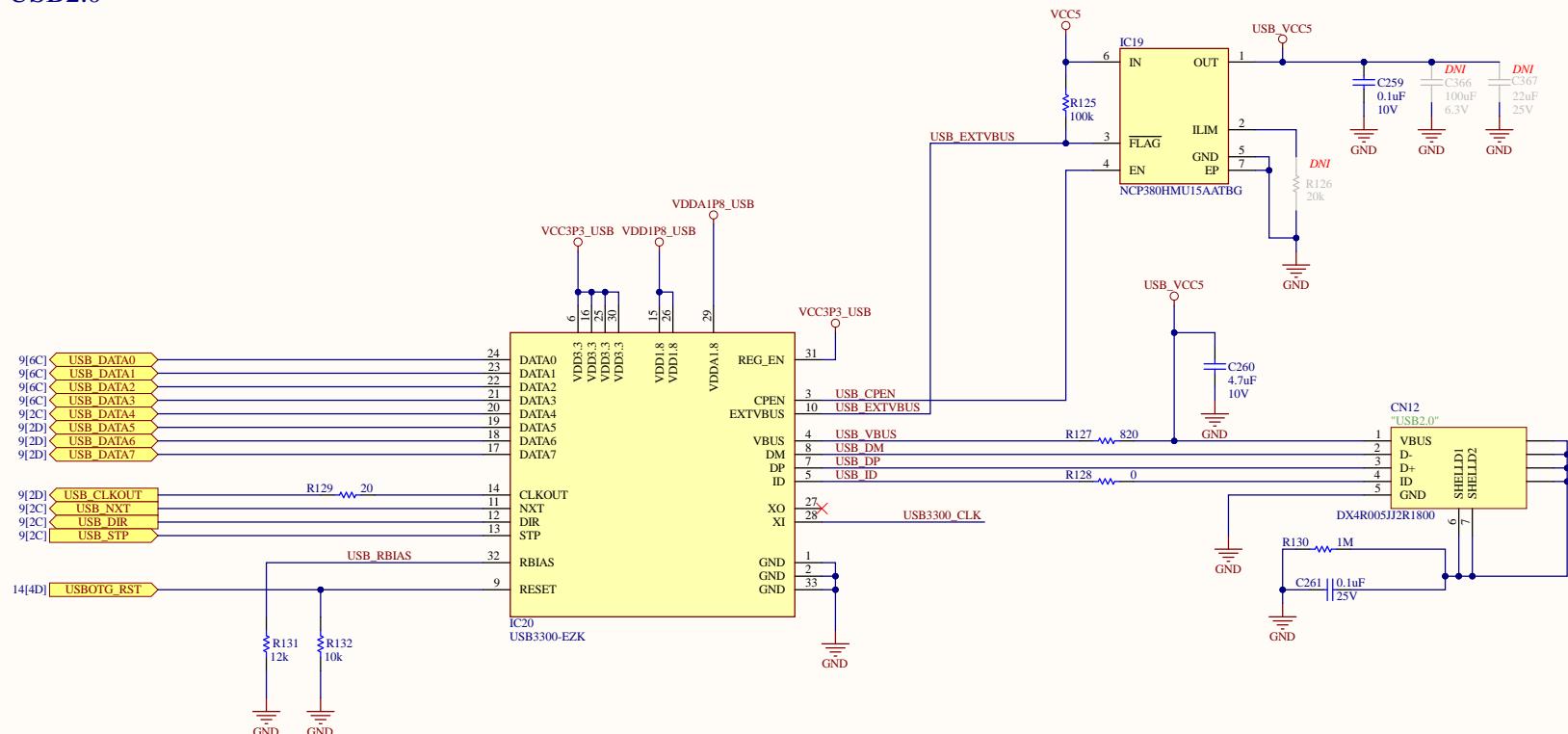


ADUSB2EBZ Interface



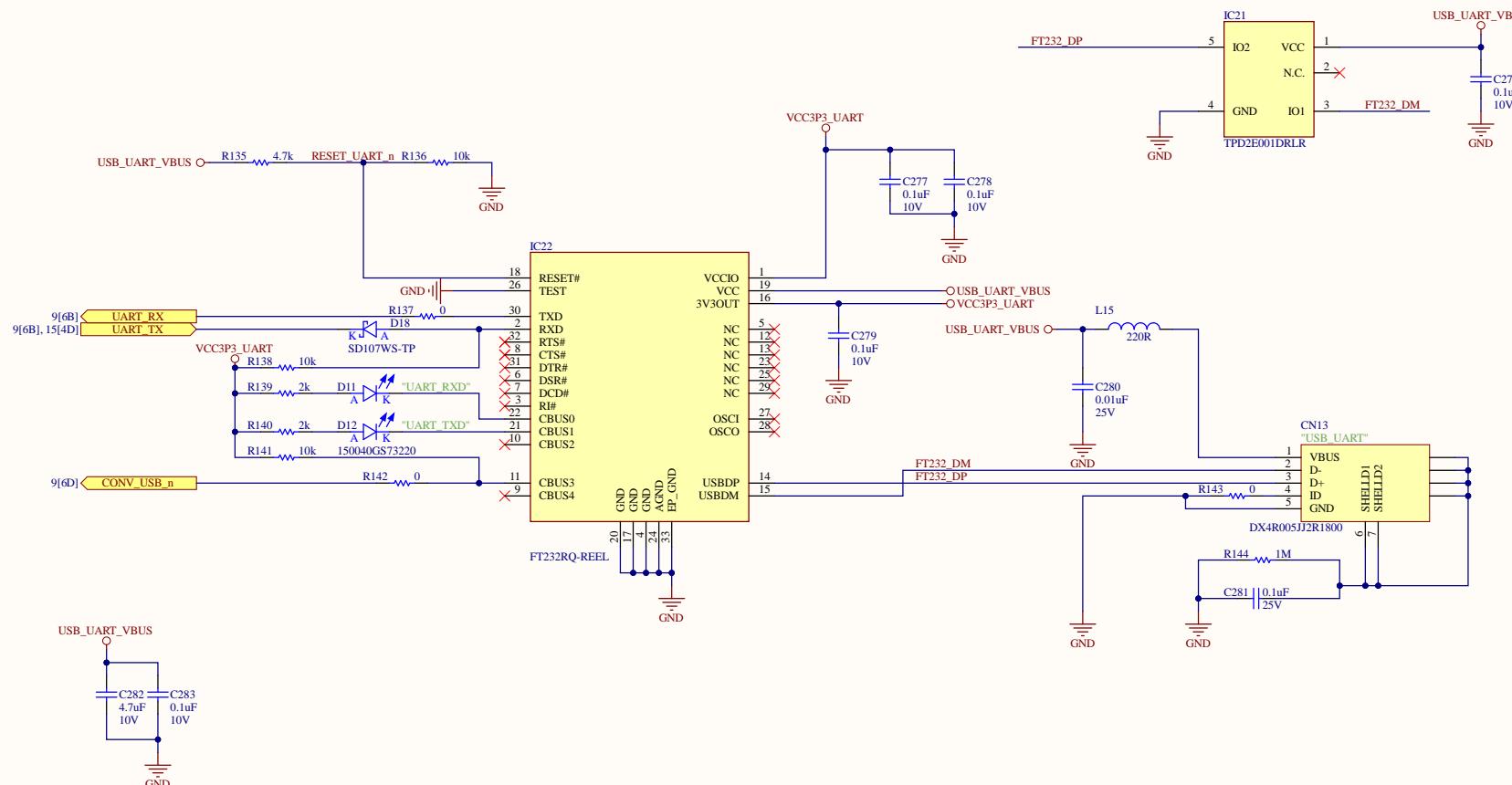
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Inspection H.Sato	Date 2022/7/19	Size A3
Drawing Hiroyuki Tsuchiya	DWG No 1113-01-YG-302-001	Rev 2.01 Sheet 17 / 25

USB2.0



Approval	File Name	Title
H.Sato	USB2.0.SchDoc	Yonaguni
Inspection	Date 2022/7/19	Size A3
Drawing		Sheet 18 / 25
Hirofumi Tsuchiya	Marimo Electronics Co.,Ltd.	DWG No 1113-01-YG-302-001
		Rev 2.01

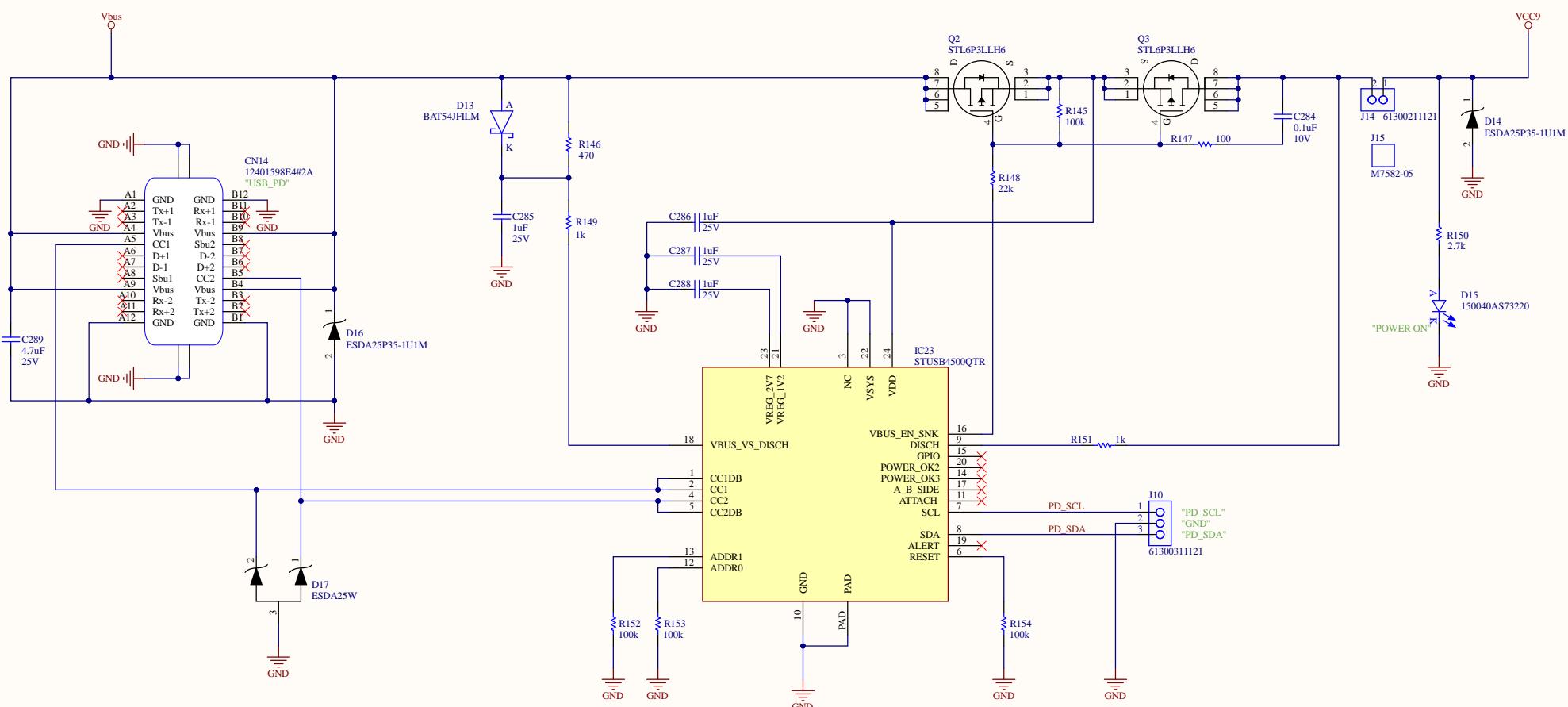
USB UART



Approval H.Sato	File Name USB_UART.SchDoc	Title Yonaguni
Inspection H.Sato	Date 2022/7/19	Size A3
Drawing Hiroyuki Tsuchiya	DWG No 1113-01-YG-302-001	Sheet 19 / 25 Rev 2.01

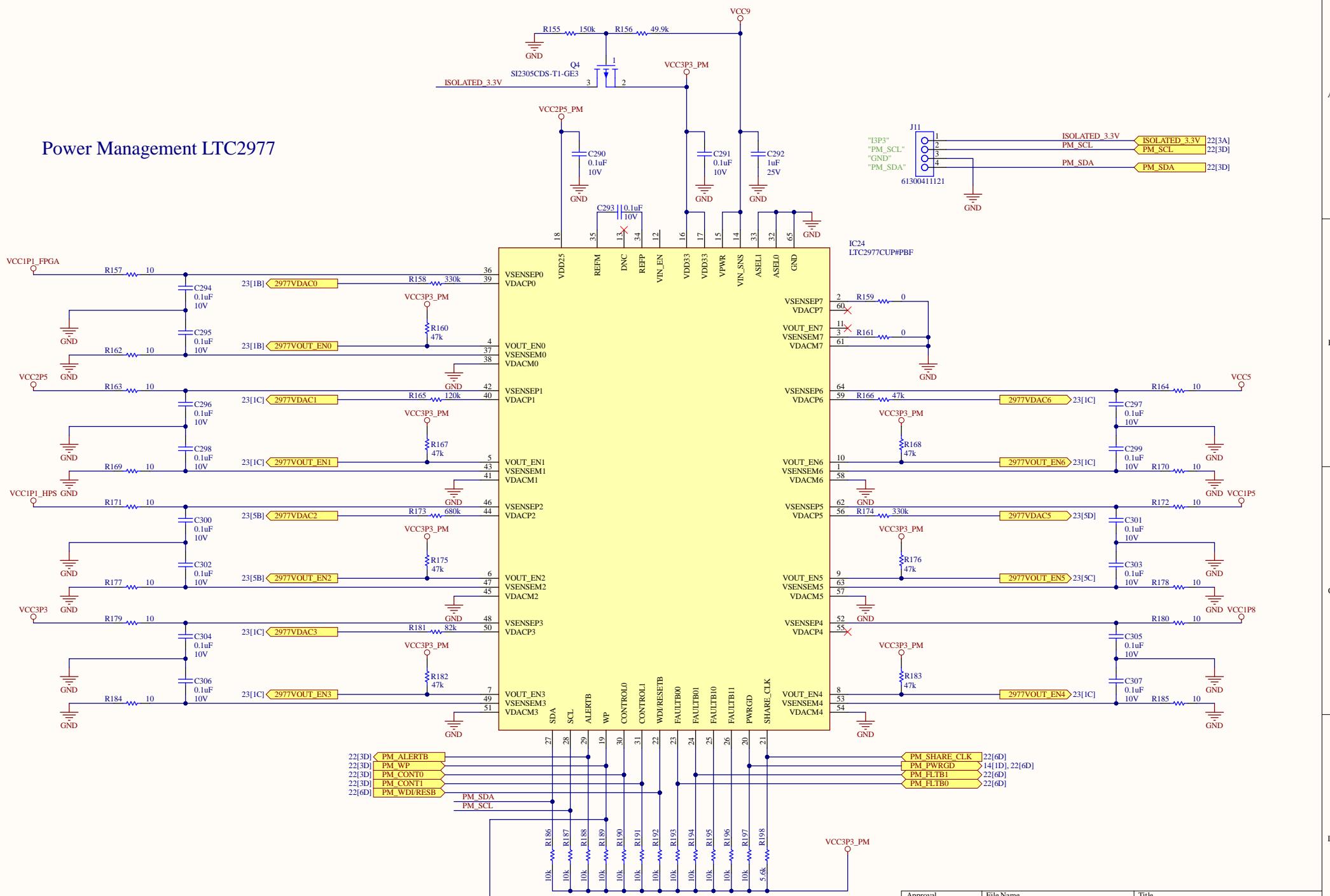
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USB Power Delivery



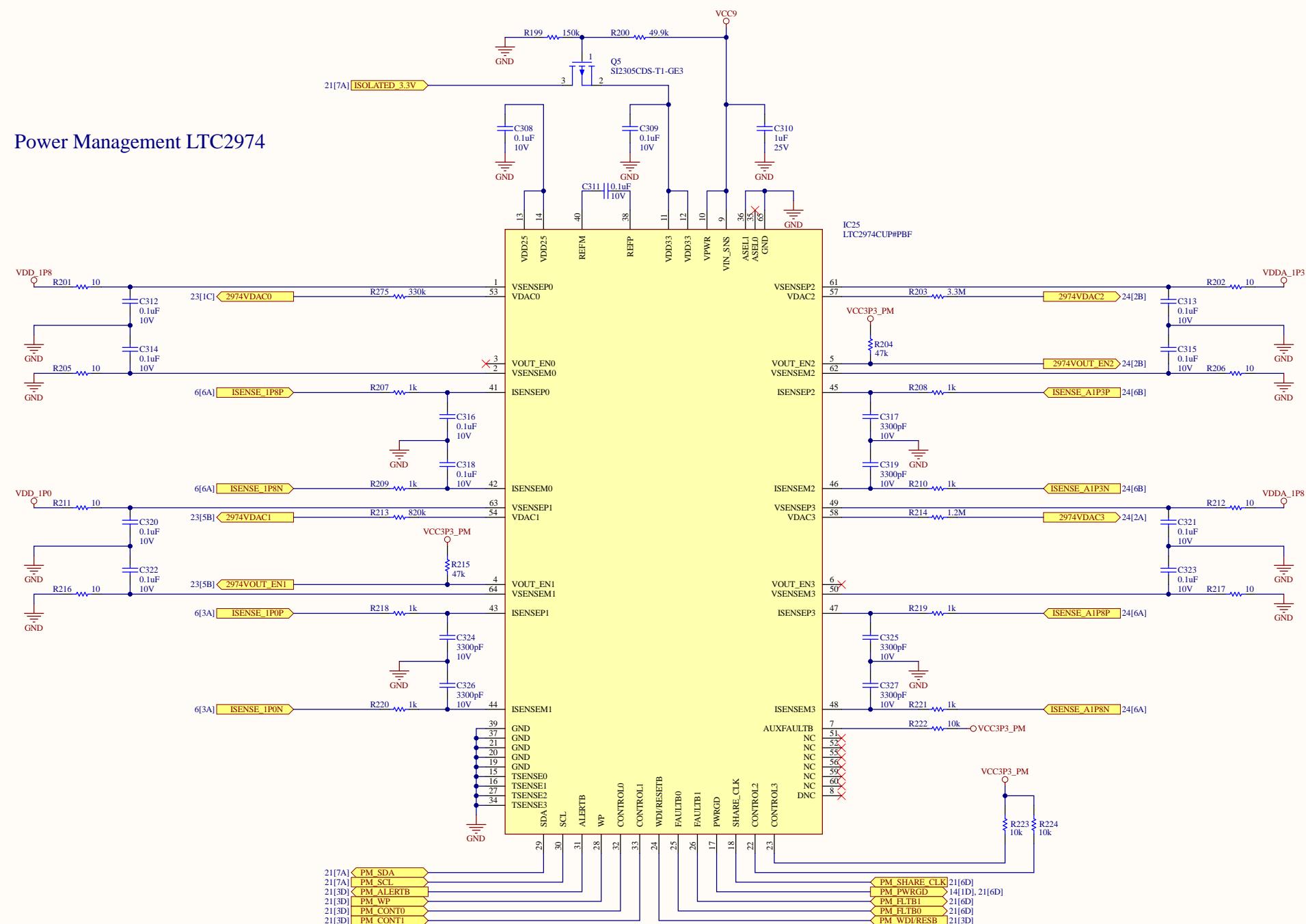
Approval H.Sato	File Name USBDP.SchDoc	Title Yonaguni	Sheet 20 / 25
Inspection H.Sato	Date 2022/7/19	Size A3	
Drawing Hiroyuki Tsuchiya	DWG No 1113-01-YG-302-001	Rev 2.01	

Power Management LTC2977



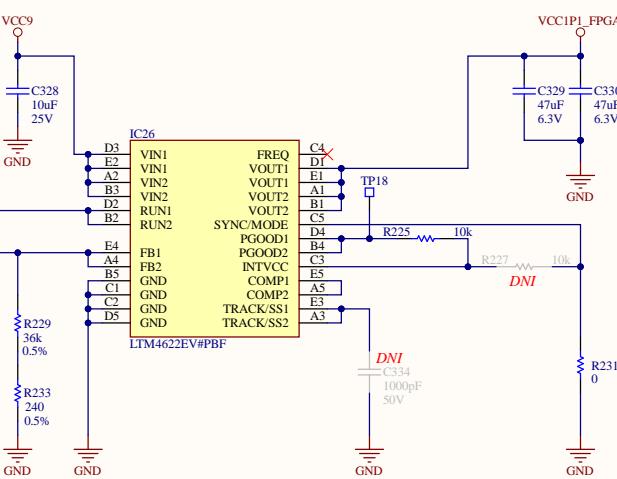
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H.Sato	LTC2977.SchDoc	Yonaguni
Inspection	Date 2022/7/19	Size A3
Drawing	Rev 2.01	Sheet 21 / 25
Hirokatsu Tsuchiya	Marimo Electronics Co.,Ltd.	DWG No 1113-01-YG-302-001

Power Management LTC2974

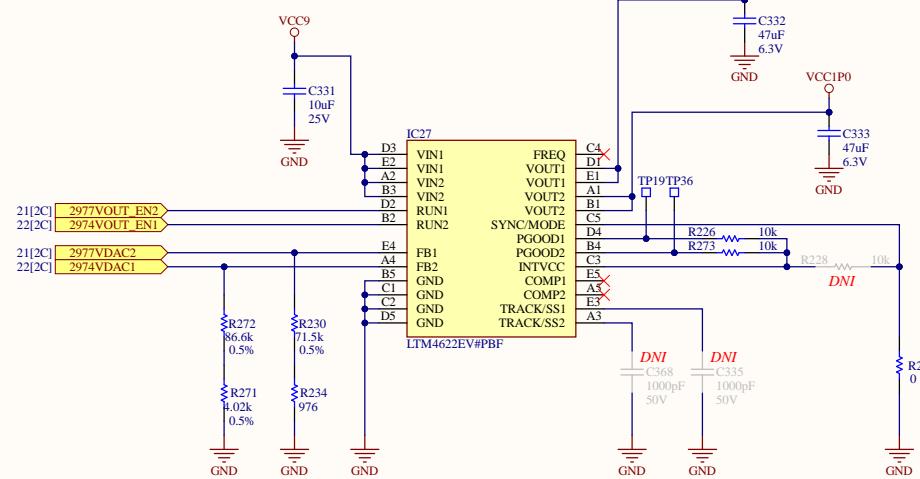


Approval	File Name	Title
H.Sato	LTC2974.SchDoc	Yonaguni
Inspection	Date 2022/7/19	Size A3
H.Sato		Sheet 22 / 25
Drawing		
Hirokuya Tsuchiya	Marimo Electronics Co.,Ltd.	DWG No 1113-01-YG-302-001
		Rev 2.01

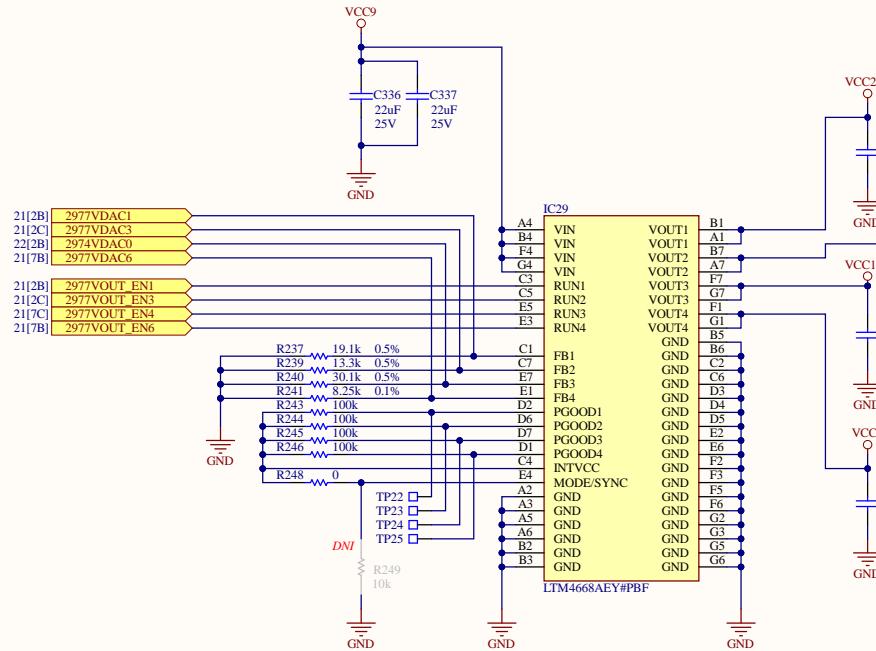
FPGA 1.1V Power Supply



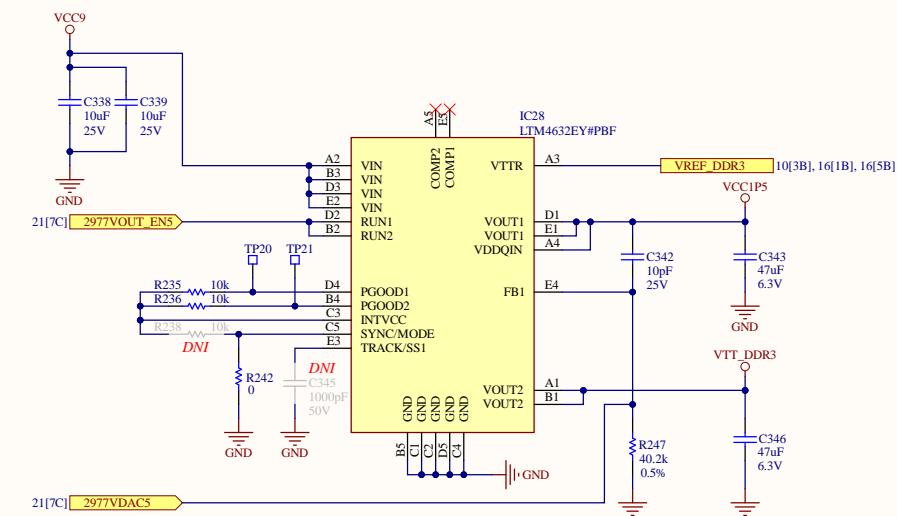
HPS 1.1V Power Supply



SoC/Audio CODEC/Navassa 5V, 3.3V, 2.5V, 1.8V Power Supply

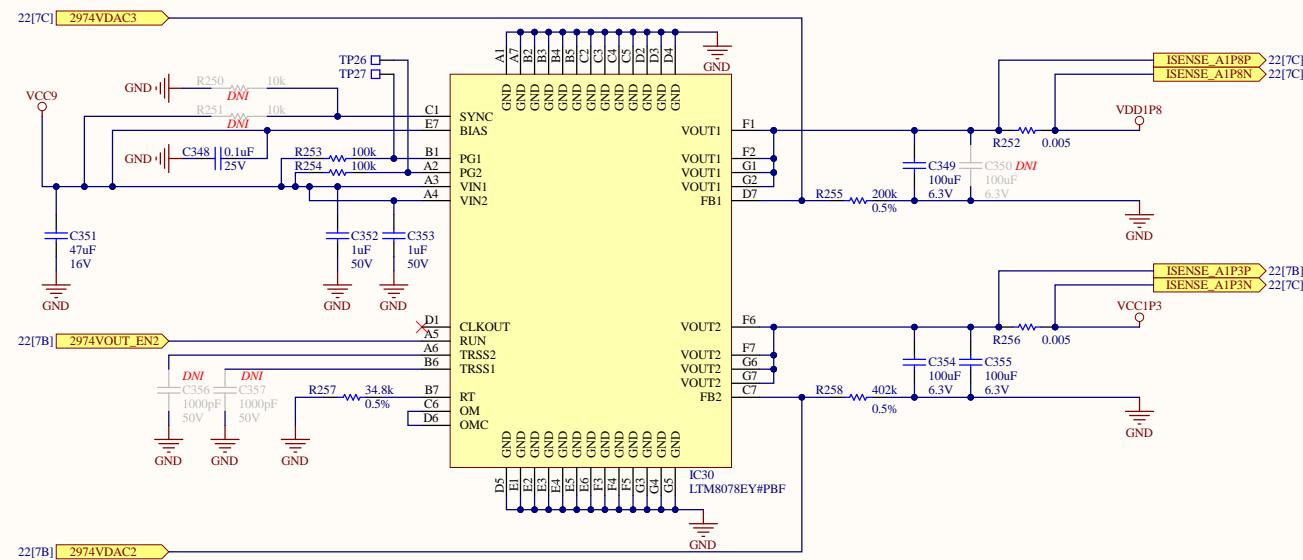


DDR3 1.5V Power Supply



Approval H.Sato	File Name Power1.SchDoc	Title Yonaguni
Inspection H.Sato	Date 2022/7/19	Size A3
Drawing Hiroyuki Tsuchiya	DWG No 1113-01-YG-302-001	Rev 2.01

Navassa 1.8V, 1.3V Power Supply



Approval H.Sato	File Name Power2.SchDoc	Title Yonaguni
Inspection H.Sato	Date 2022/7/19	Size A3
Drawing Hiroyuki Tsuchiya	DWG No 1113-01-YG-302-001	Sheet 24 / 25 Rev 2.01

Missing Parts Number		Revision	History of revisions																				
A	C54,C159,C161,C273,C274,C358,C359, C360,C361,C362,C363,C364,C365, R17,R18,R19,R20,R21,R259,R260, R261,R262,R263,R264,R265,R266, E11,E14,E15,TP8,TP9,TP10,TP11,TP28, CN11,L16,IC31	2.00	• Release 2022/7/19																				
		2.01	2023/5/12 • Sheet 18: R126 has been DNI • Sheet 24: R257 changed from 40.2kΩ to 34.8kΩ • Sheet 18, 19: Removed the "GND" for the 4 mounting pins of the CN12, CN13																				
B																							
C																							
D																							
<table border="1"> <tr> <td>Approval <u>H.Sato</u></td> <td>File Name <u>History of revisions.SchDoc</u></td> <td>Title <u>Yonaguni</u></td> <td></td> </tr> <tr> <td>Inspection <u>H.Sato</u></td> <td>Date <u>2022/7/19</u></td> <td>Size <u>A3</u></td> <td>Sheet <u>25 / 25</u></td> </tr> <tr> <td>Drawing <u>Hiroyuki Tsuchiya</u></td> <td></td> <td>DWG No <u>Marimo Electronics Co.,Ltd.</u></td> <td>Rev <u>2.01</u></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> </tr> </table>								Approval <u>H.Sato</u>	File Name <u>History of revisions.SchDoc</u>	Title <u>Yonaguni</u>		Inspection <u>H.Sato</u>	Date <u>2022/7/19</u>	Size <u>A3</u>	Sheet <u>25 / 25</u>	Drawing <u>Hiroyuki Tsuchiya</u>		DWG No <u>Marimo Electronics Co.,Ltd.</u>	Rev <u>2.01</u>				
Approval <u>H.Sato</u>	File Name <u>History of revisions.SchDoc</u>	Title <u>Yonaguni</u>																					
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Drawing <u>Hiroyuki Tsuchiya</u>		DWG No <u>Marimo Electronics Co.,Ltd.</u>	Rev <u>2.01</u>																				
1	2	3	4	5	6	7	8																