

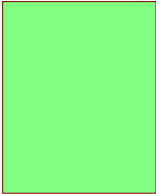
SAM Carrier


Variant: [No Variations]

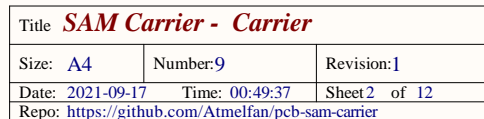
CARRIER
carrier.SchDoc



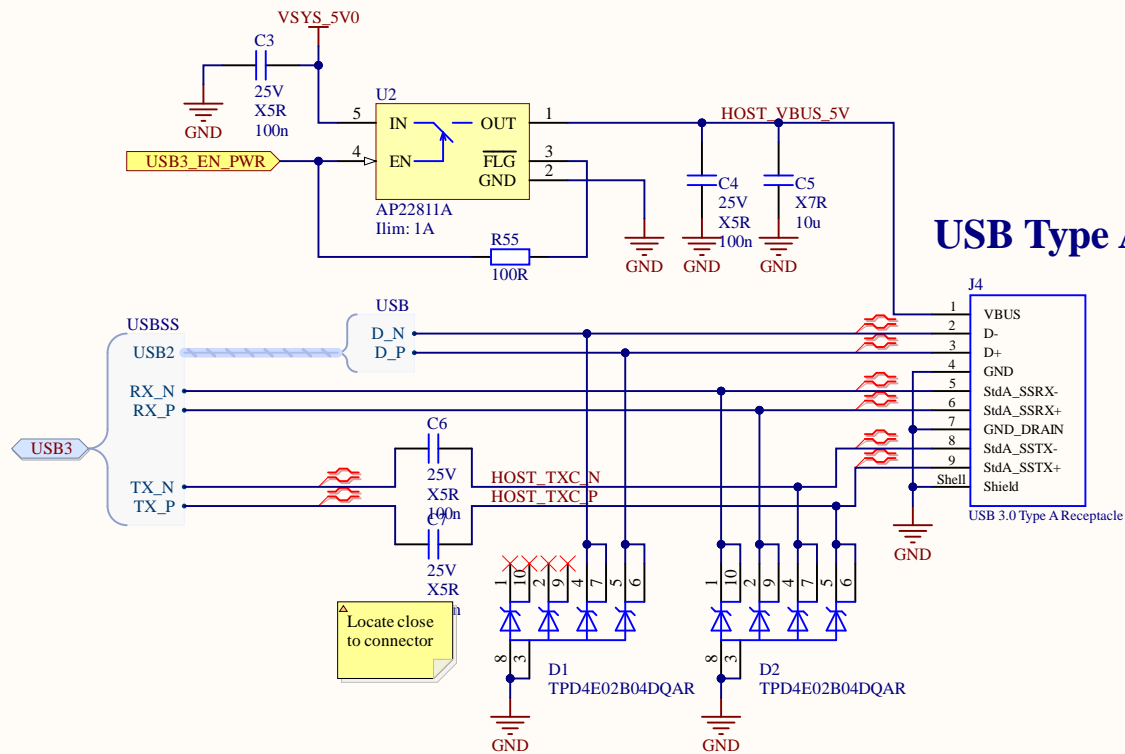
MECHANICAL
mechanical.SchDoc



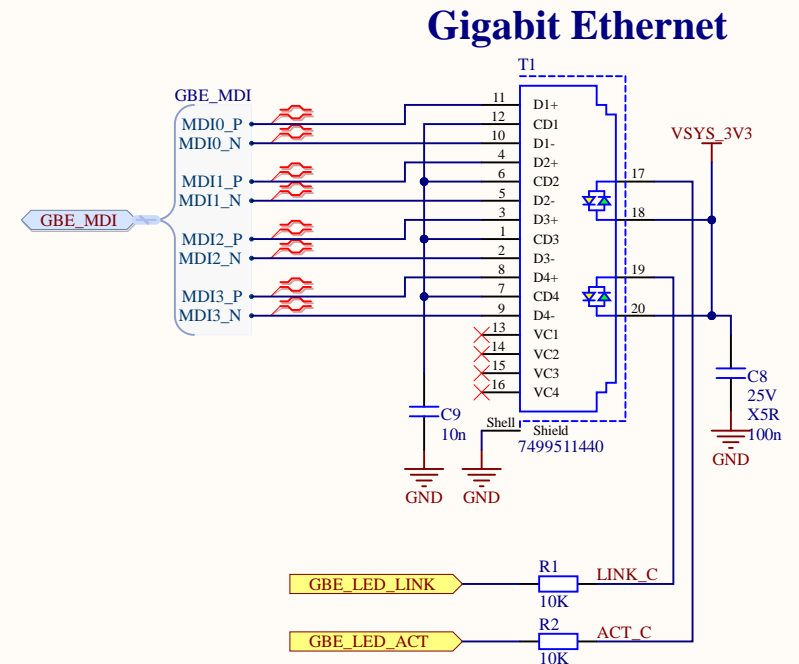
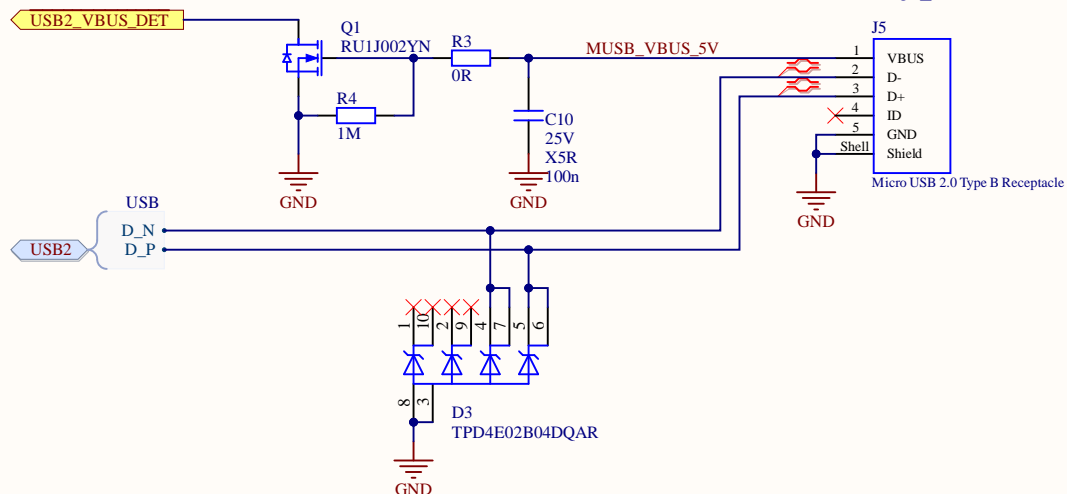
Title <i>SAM Carrier - Cover</i>			<i>GPA Robotics</i>	
Size: A4	Number: 1	Revision: 1		
Date: 2021-09-17	Time: 00:49:37	Sheet 1 of 12		
Repo: https://github.com/Atmelfan/pcb-sam-carrier				







Micro USB Type B (Device)



Title **SAM Carrier - Rear I/O**

GPA Robotics

Size: **A4**

Number: **3**

Revision: **1**

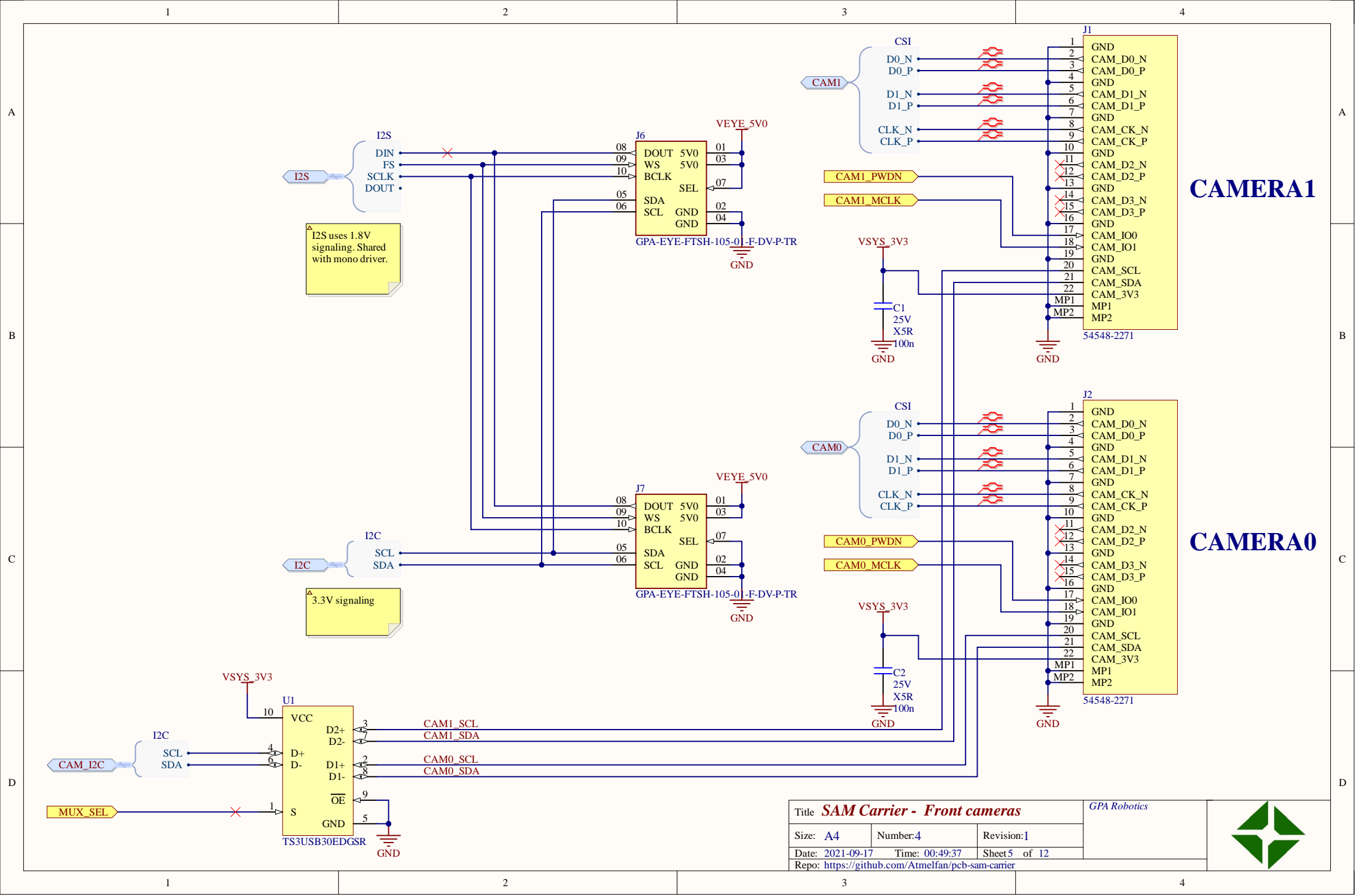
Date: **2021-09-17**

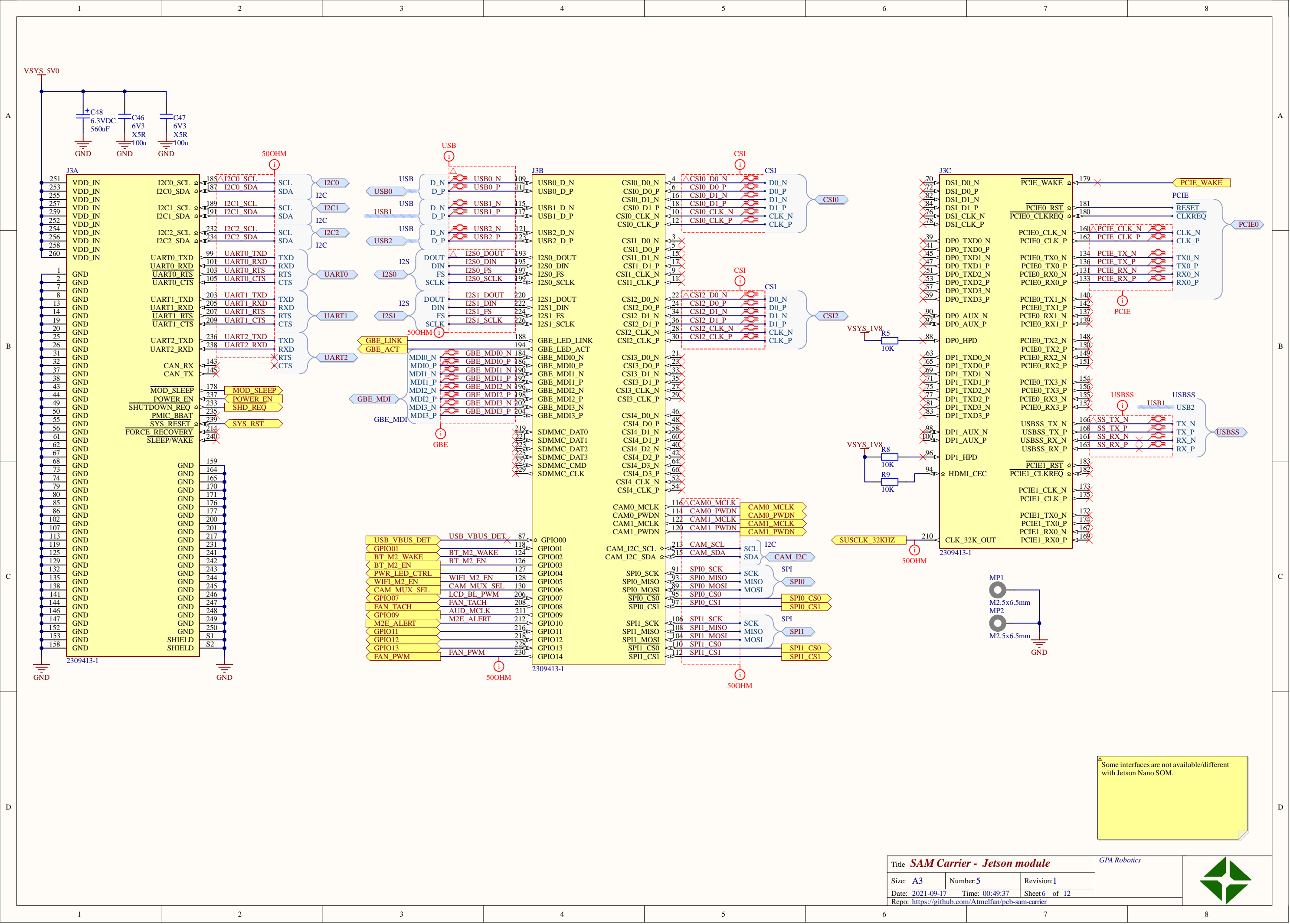
Time: **00:49:37**

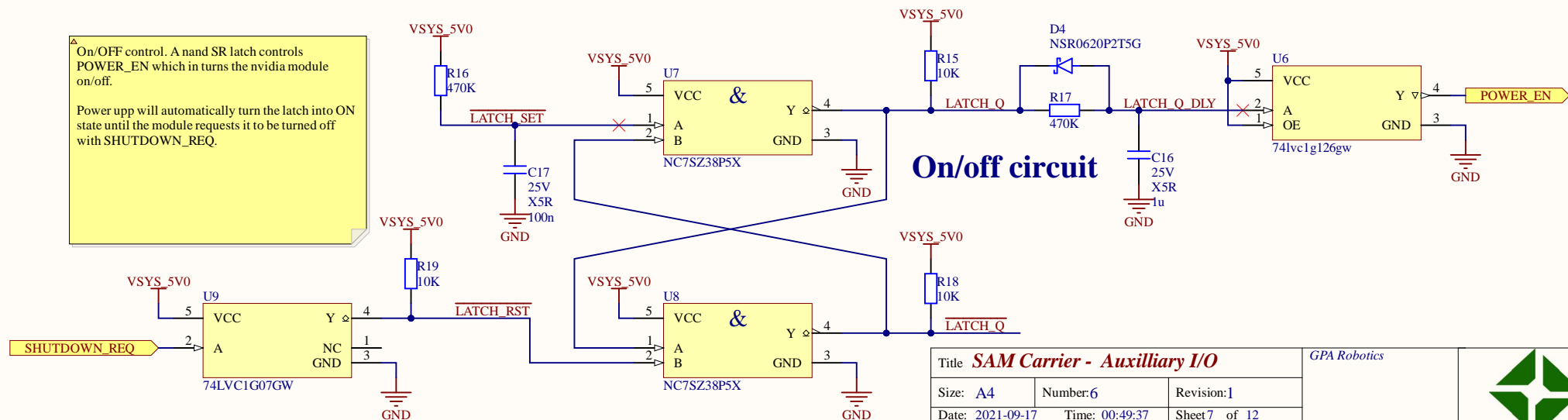
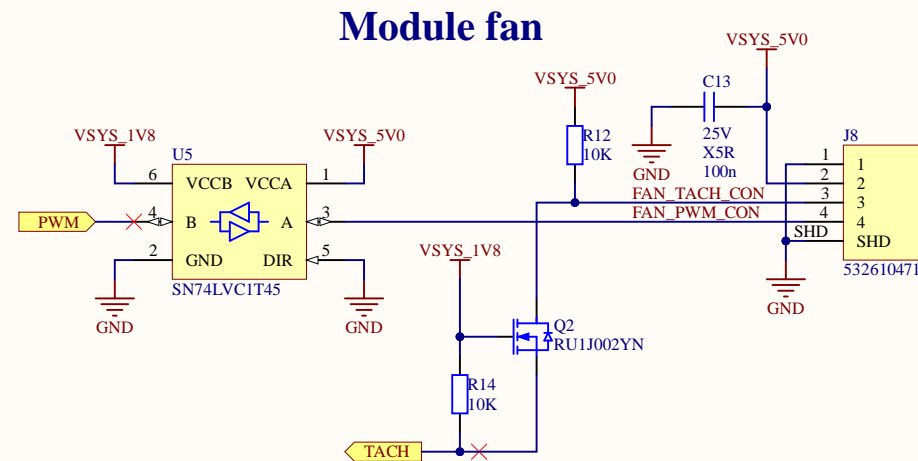
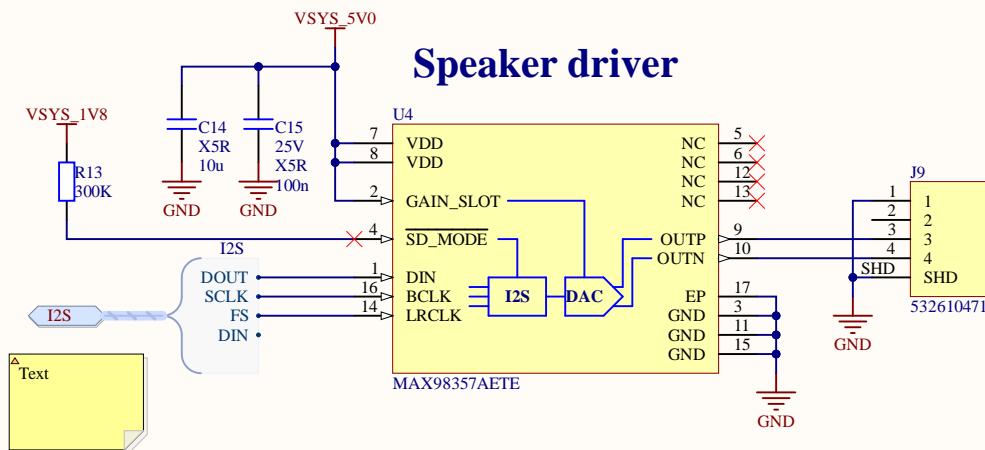
Sheet **4** of **12**

Repo: <https://github.com/Atmelfan/pcb-sam-carrier>

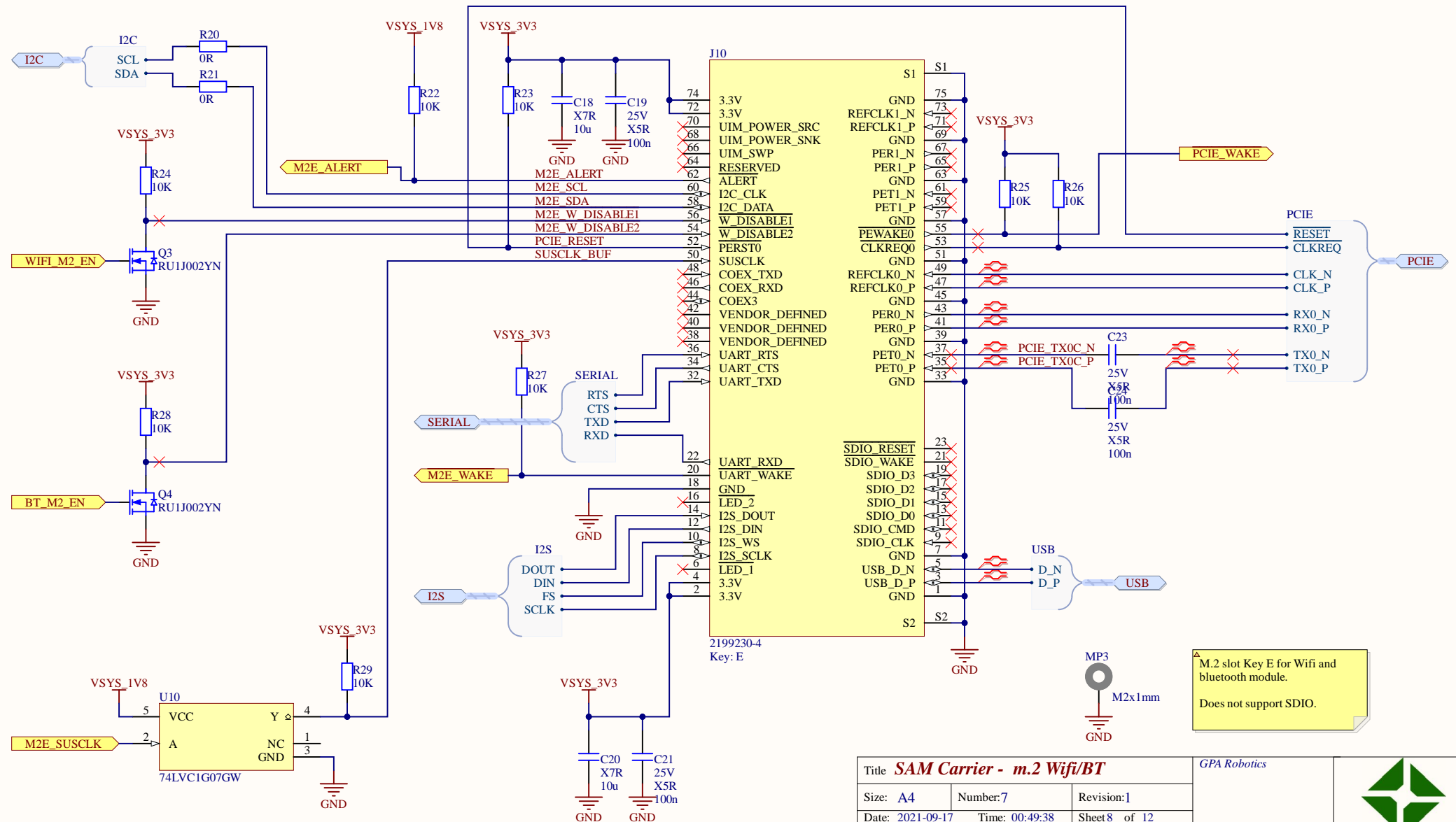








M.2 WIFI/Bluetooth Module



Title	<i>SAM Carrier - m.2 Wifi/BT</i>
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	<i>GPA Robotics</i>
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Size: A4

Number: 7

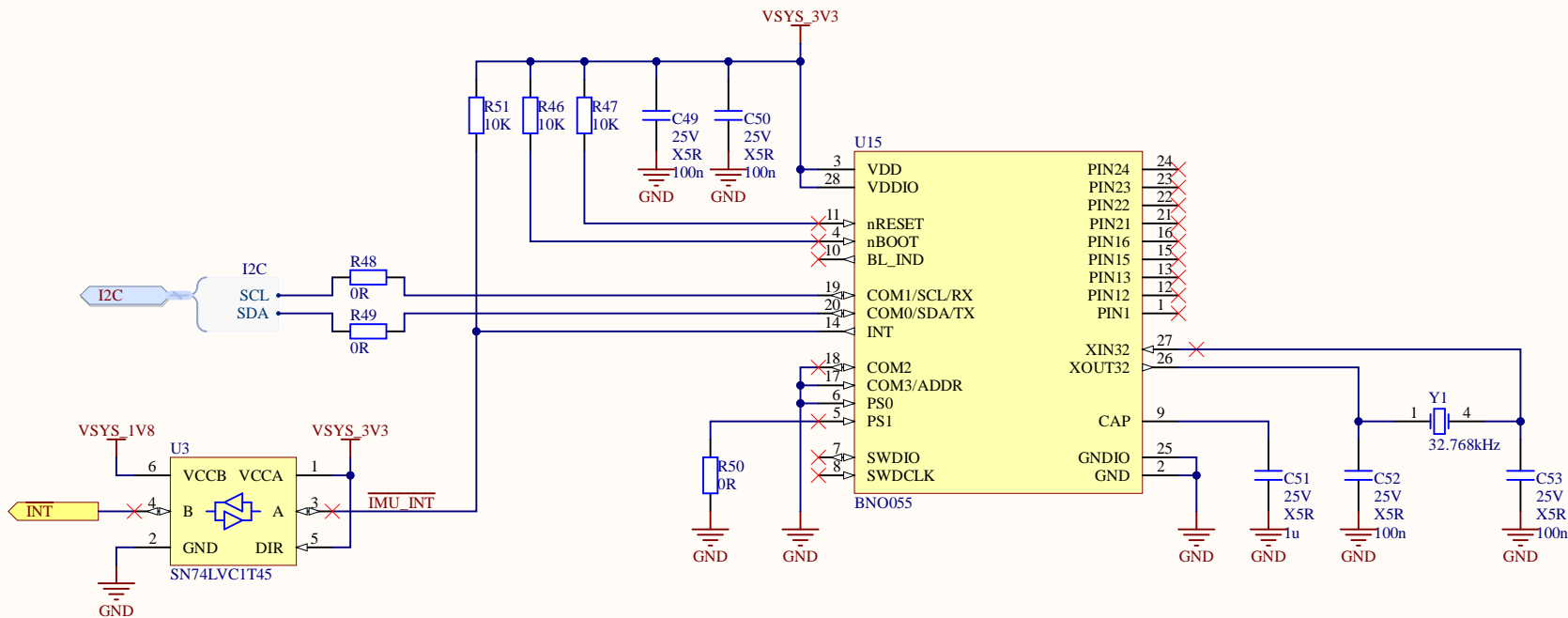
Revision: 1

Date: 2021-09-17

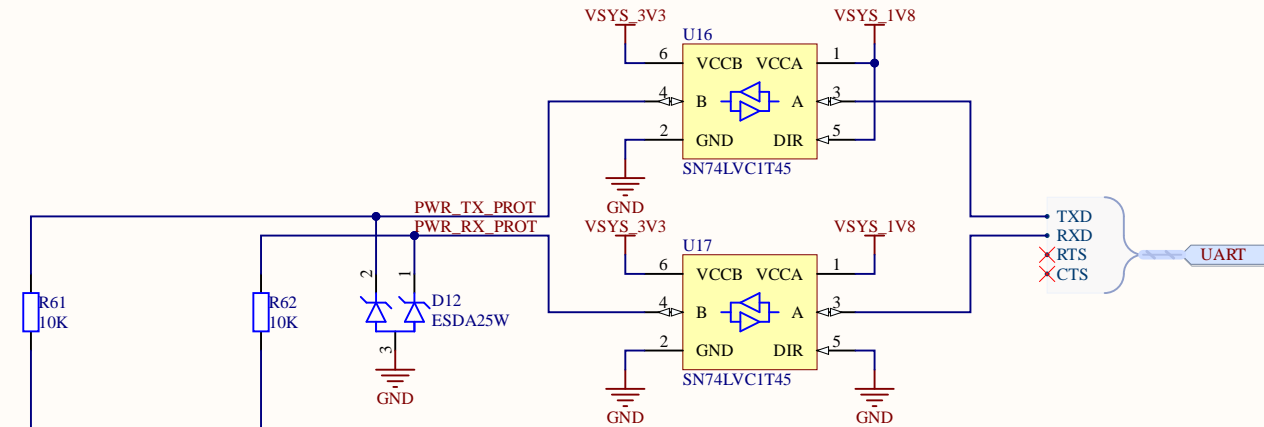
Time: 00:49:38

Sheet 8 of 12

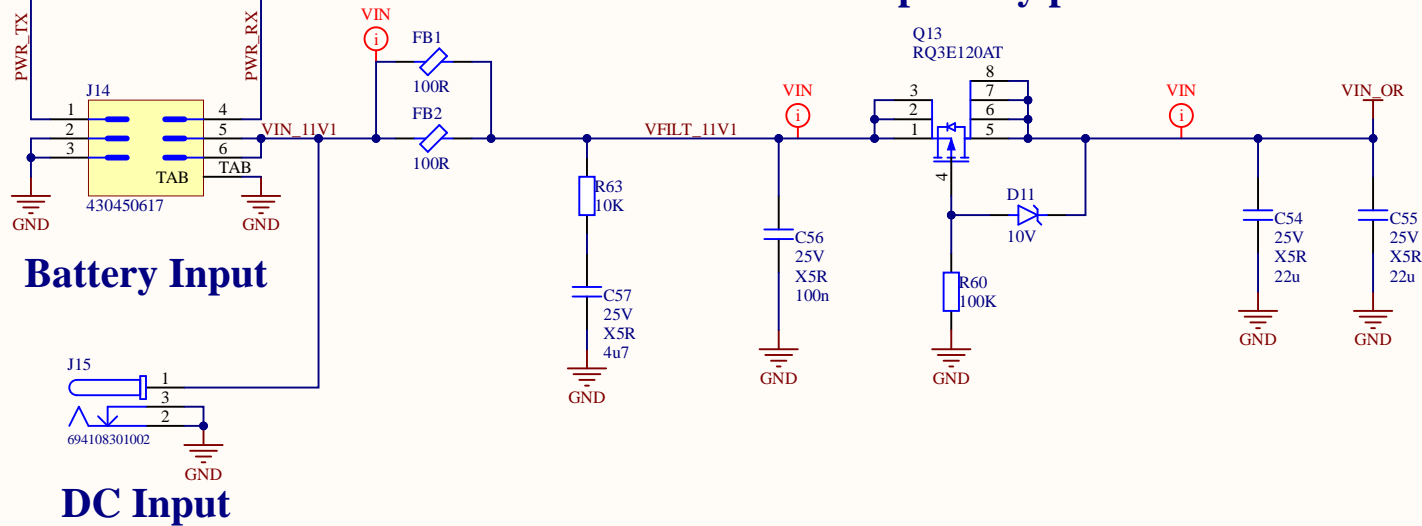
Repo: <https://github.com/Atmelfan/pcb-sam-carrier>



UART level translation



Reverse polarity protection



Title **SAM Carrier - DC Input**

GPA Robotics

Size: **A4**

Number:

Revision:1

Date: 2021-09-17

Time: 00:49:38

Sheet 11 of 12

Repo: <https://github.com/Atmelfan/pcb-sam-carrier>



	1	2	3	4
A				
B				
C				
D				

Mounting holes

