

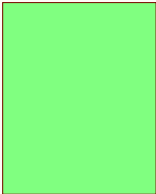
SAM Carrier


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: 2021-09-20	Time: 01:26:14	Sheet 1 of 13		
Repo: https://github.com/Atmelfan/pcb-sam-carrier				

A

B

C

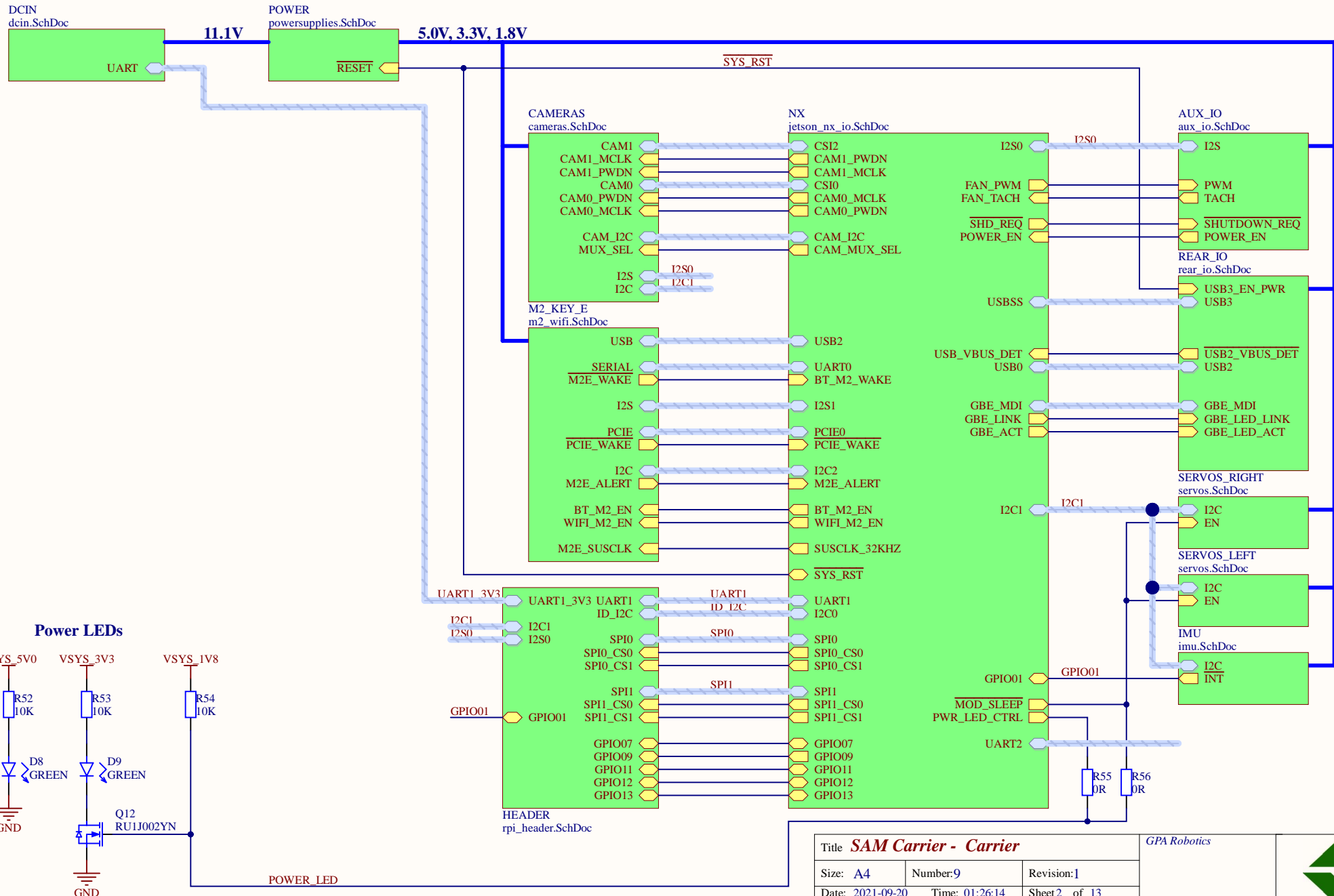
D

A

B

C

D

Title **SAM Carrier - Carrier**

GPA Robotics

Size: A4

Number: 9

Revision: 1

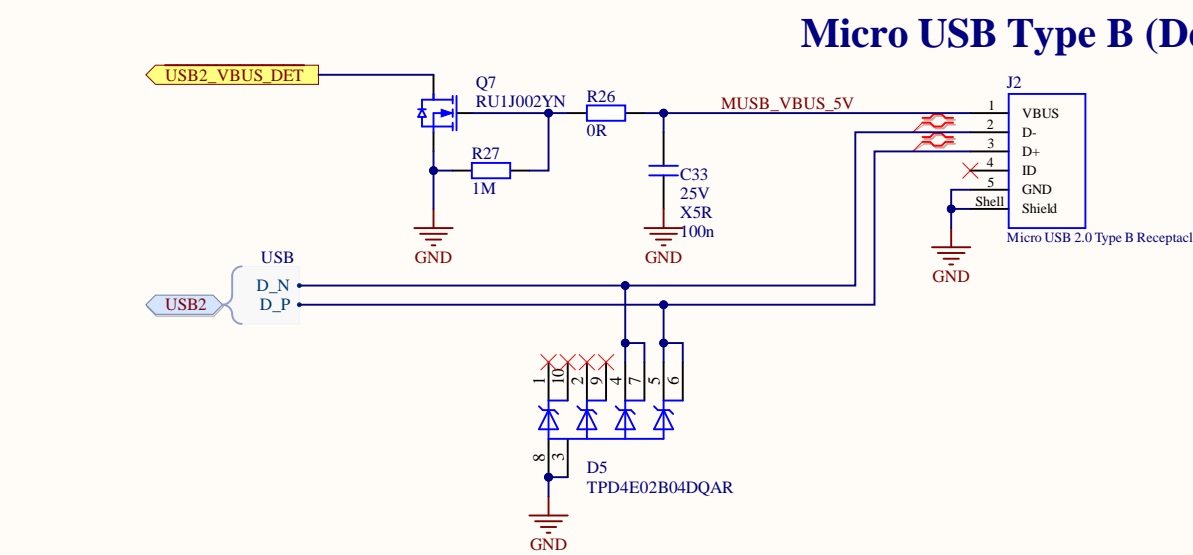
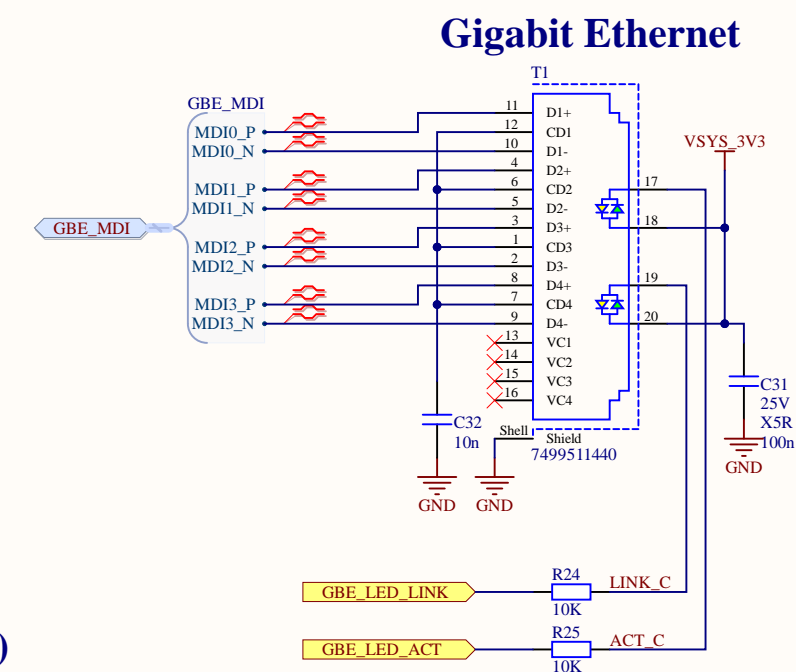
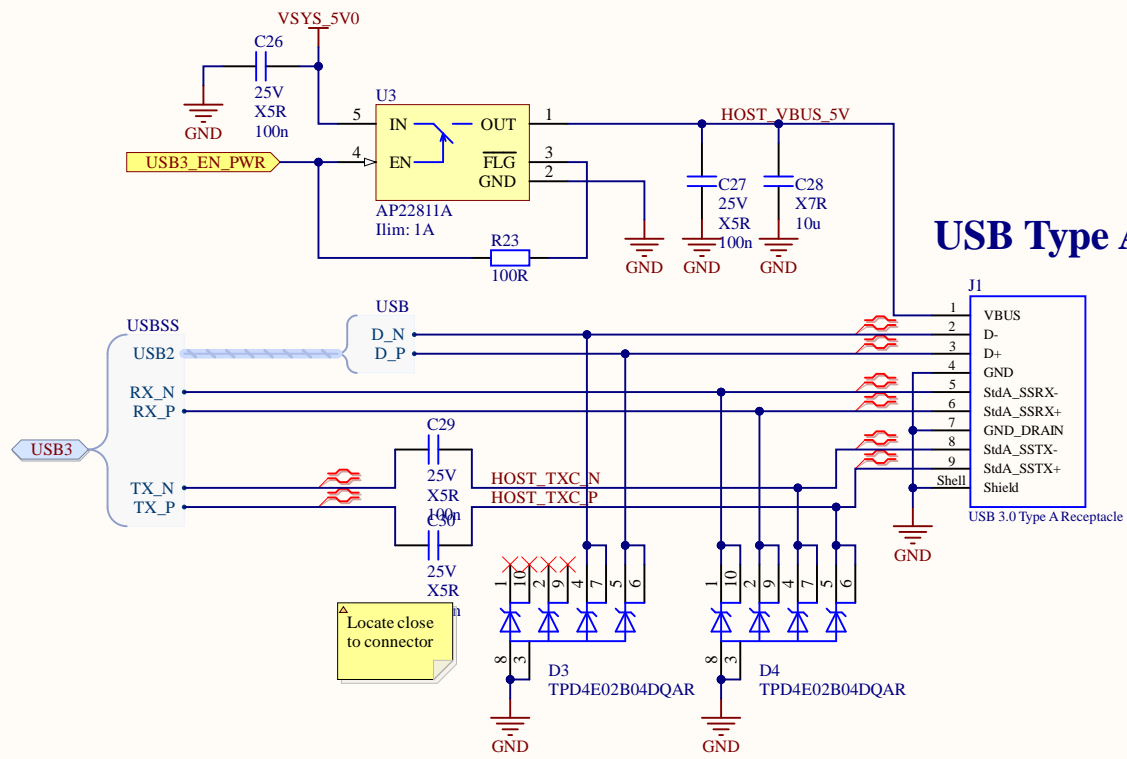
Date: 2021-09-20

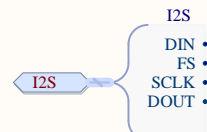
Time: 01:26:14

Sheet 2 of 13

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



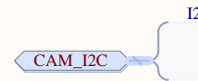




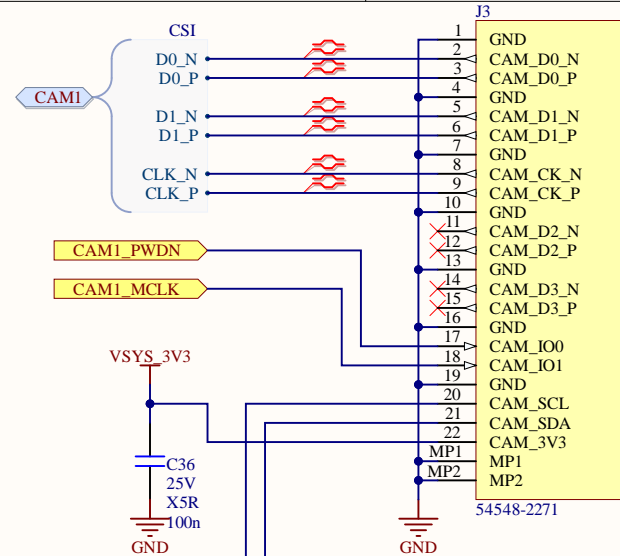
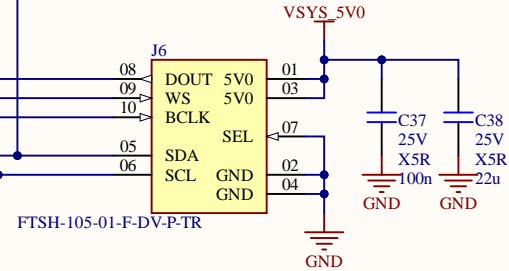
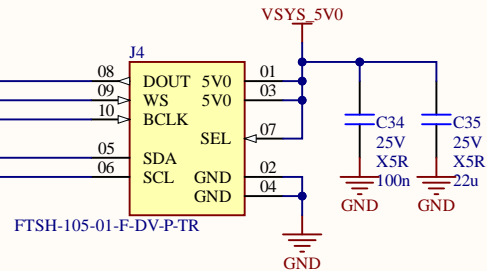
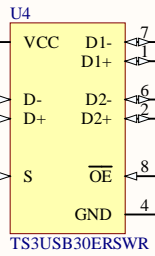
I2S uses 1.8V signaling. Shared with mono driver.



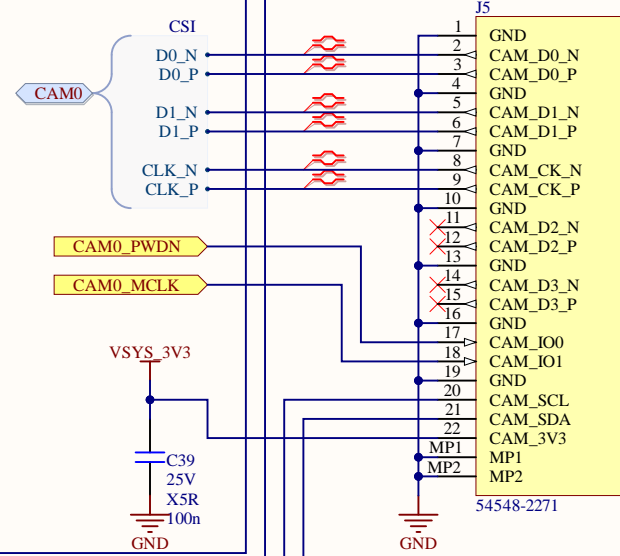
3.3V signaling



MUX_SEL



CAMERA1

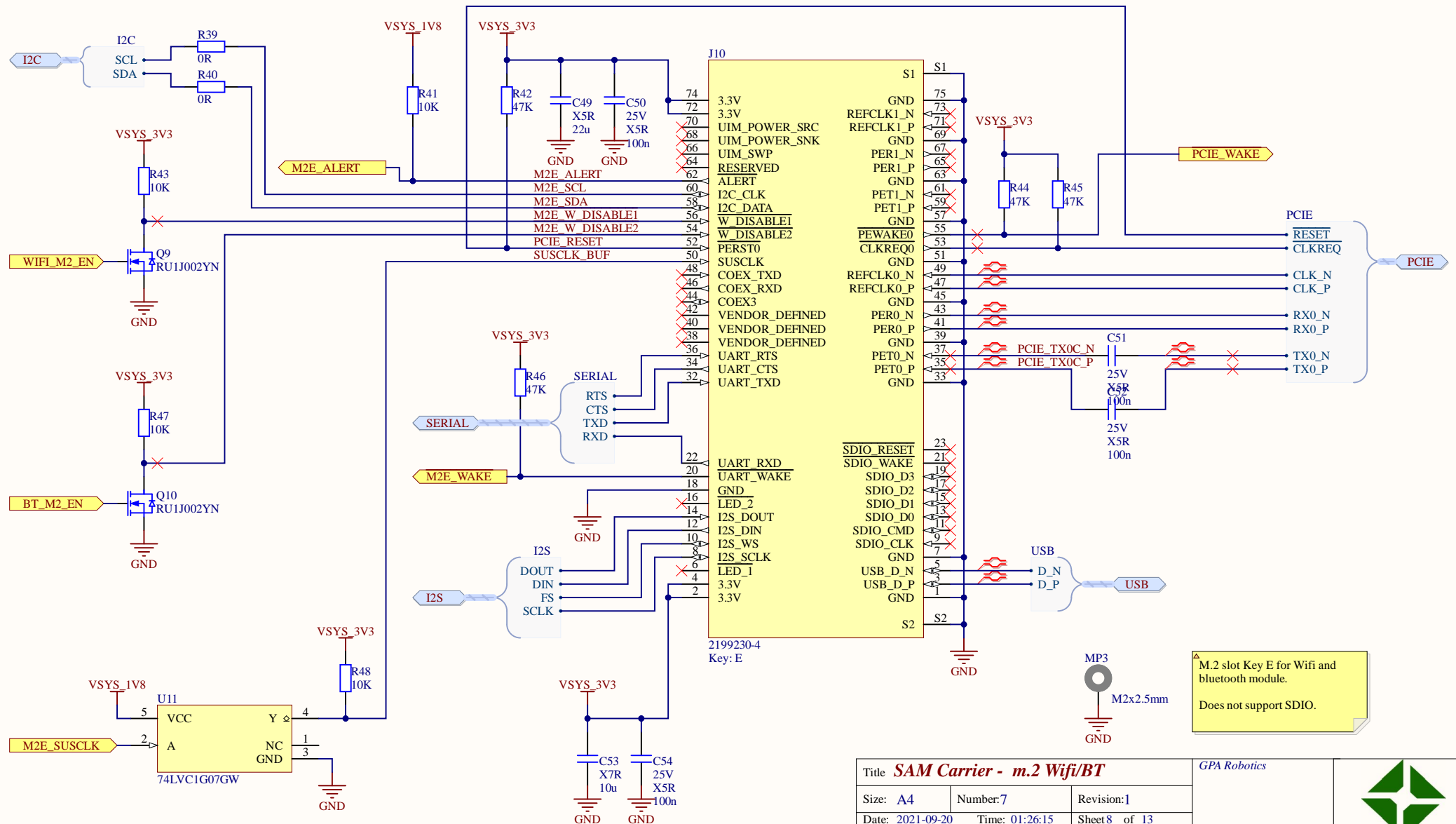


CAMERA0





M.2 WIFI/Bluetooth Module

Title *SAM Carrier - m.2 Wifi/BT*

	<i>GPA Robotics</i>
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Size: A4

Number: 7

Revision:1

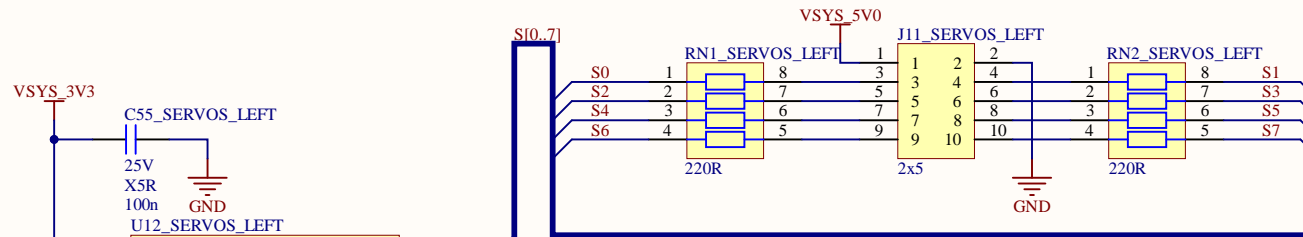
Date: 2021-09-20

Time: 01:26:15

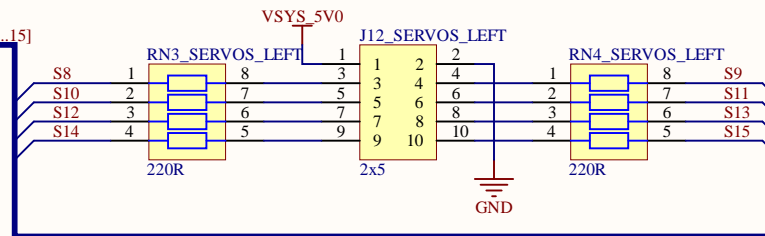
Sheet 8 of 13

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

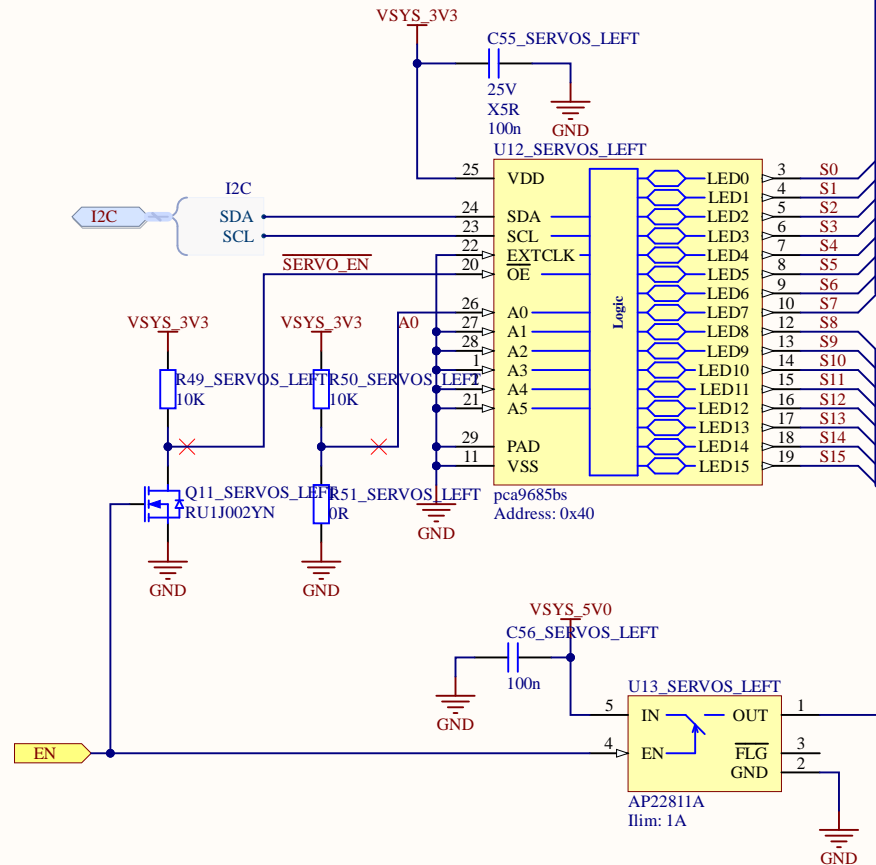
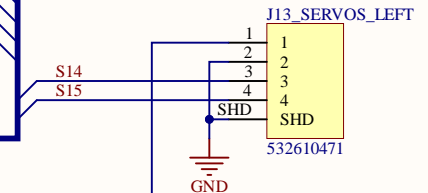
SERVO headers



SERVO headers



Eye servos



Title **SAM Carrier - Servo driver**

GPA Robotics

Size: A4

Number: 8

Revision: 1

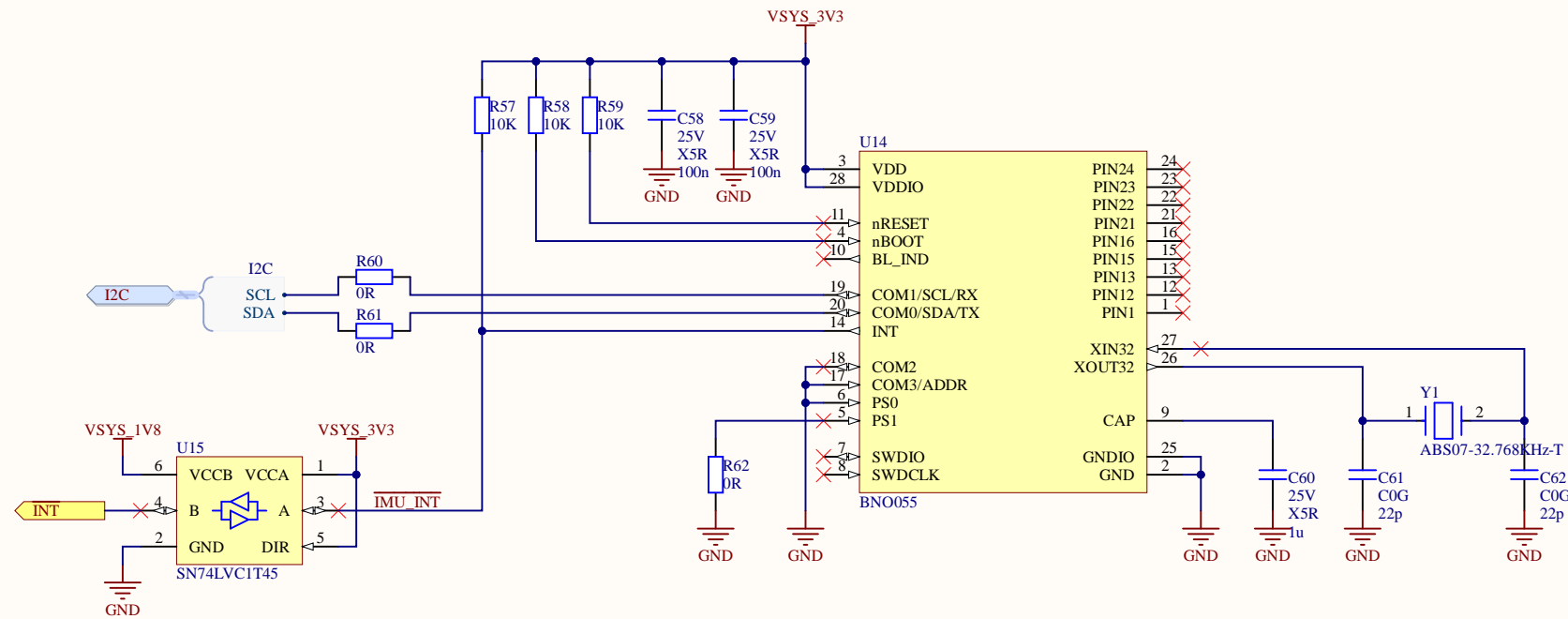
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Time: 01:26:15

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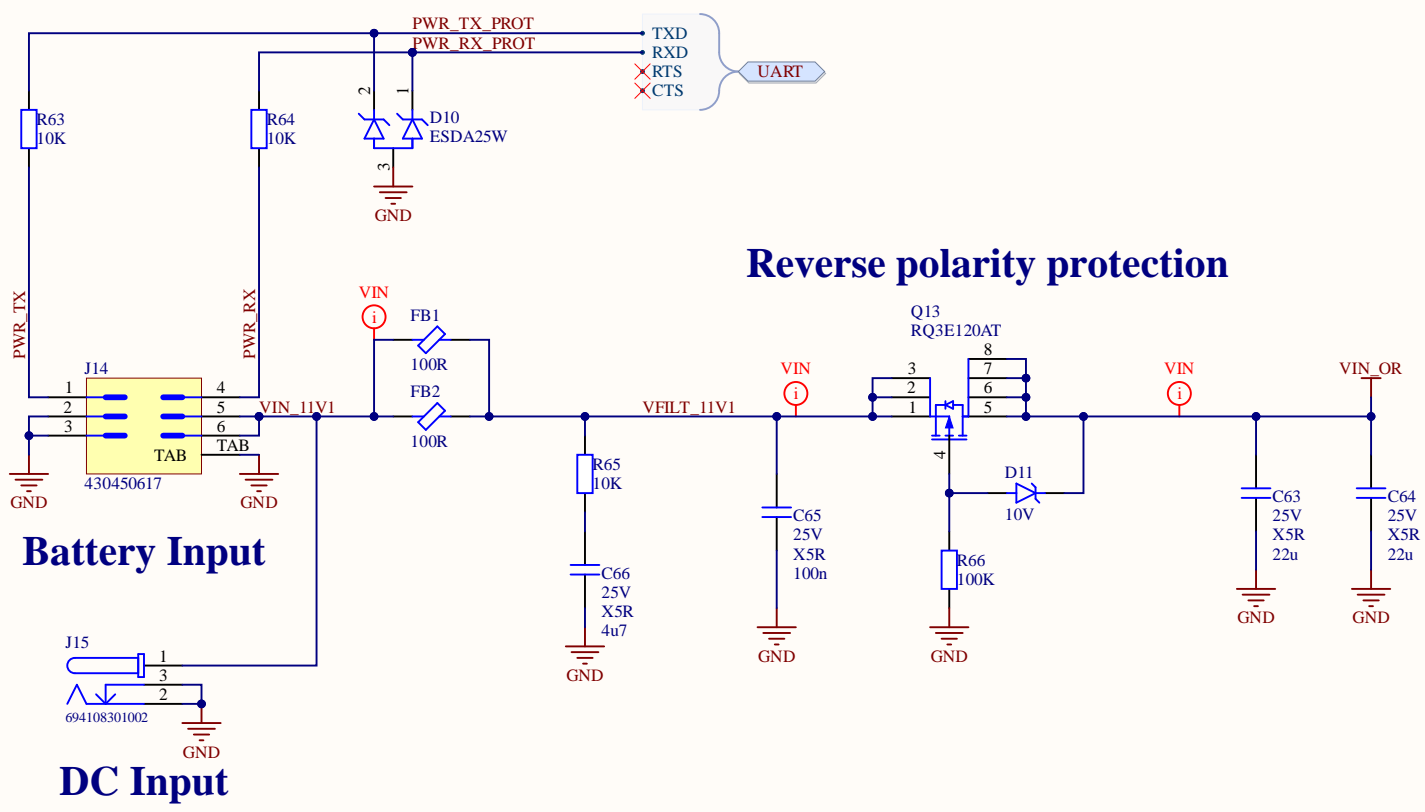
Repo: <https://github.com/Atmelfan/pcb-sam-carrier>



Title **SAM Carrier - IMU sensor**

GPA Robotics

Size: **A4**Number: **10**Revision: **1**Date: **2021-09-20**Time: **01:26:15**Sheet **10** of **13**Repo: <https://github.com/Atmelfan/pcb-sam-carrier>





Mounting holes

