

# ASH Carrier

Variant: [No Variations]

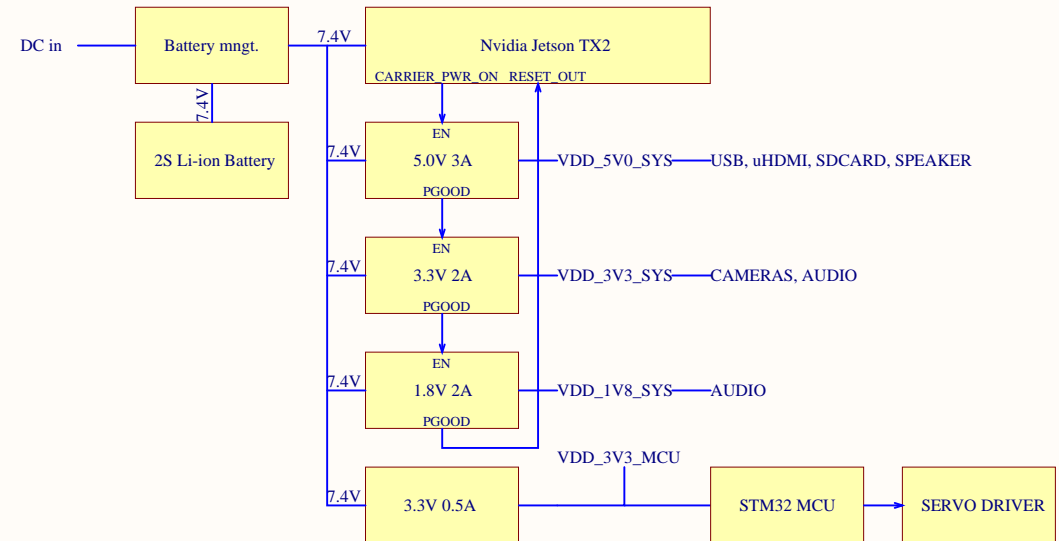
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## Introduction

Custom Nvidia Jetson TX2 carrier board for my octapod robot.

## Power distribution



Title **ASH Carrier - Cover**

GPA Robotics

Size: A4

Number: 1

Revision: 1

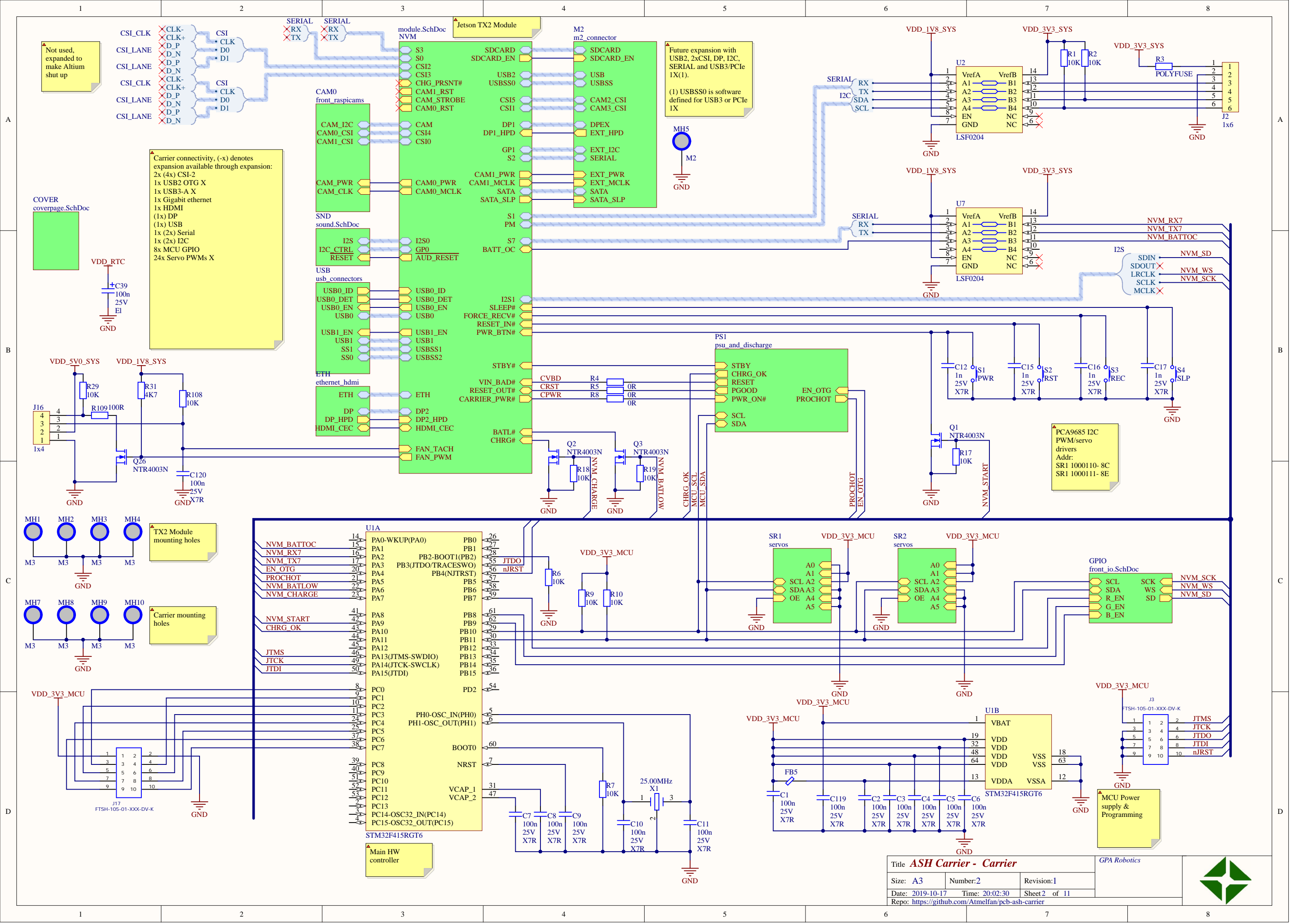
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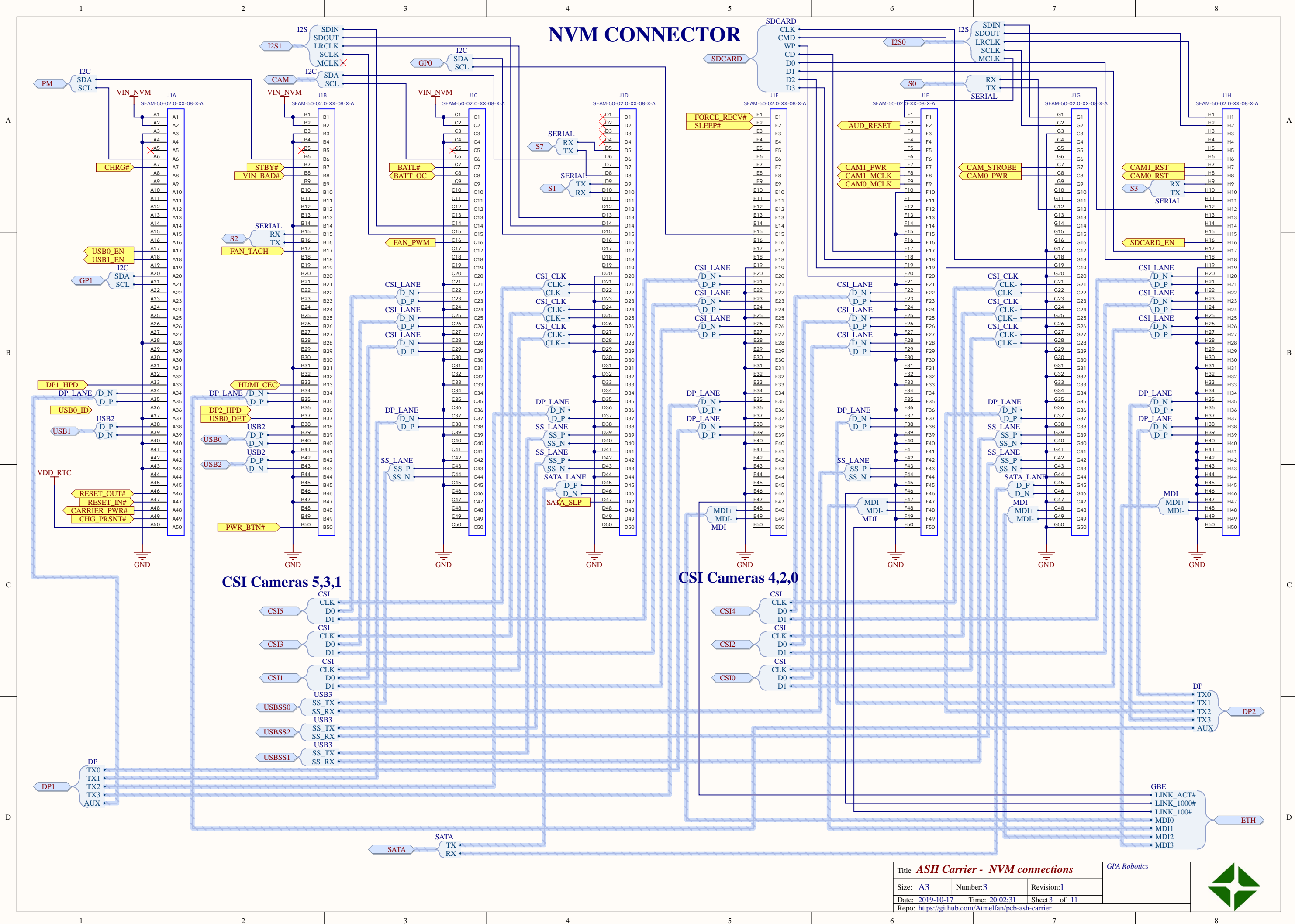
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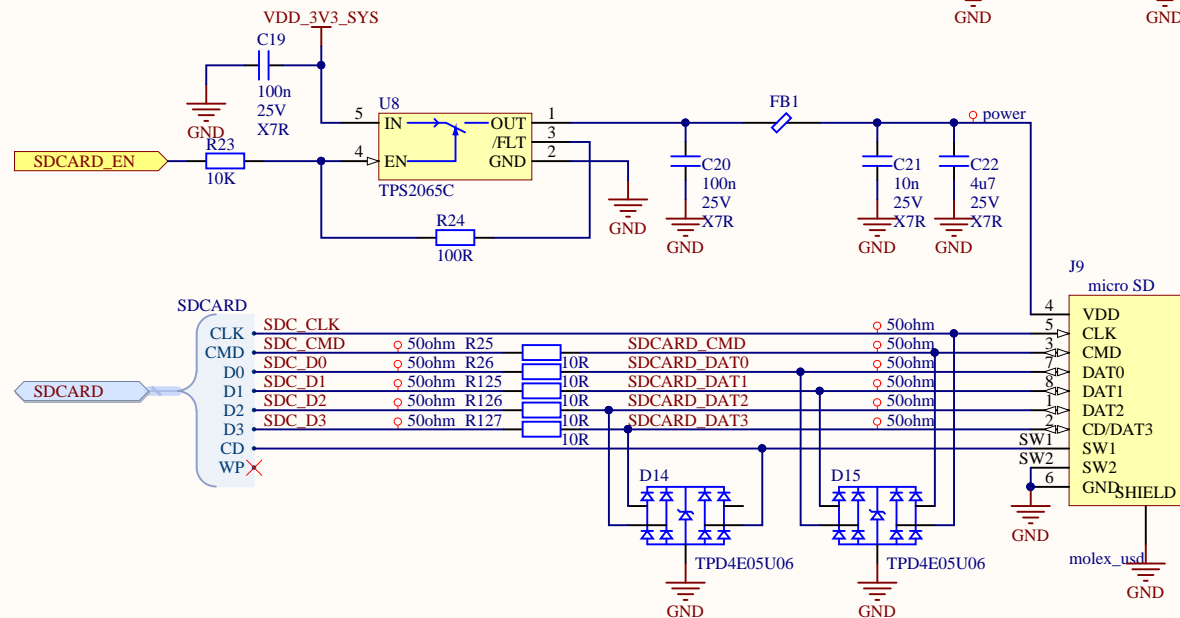
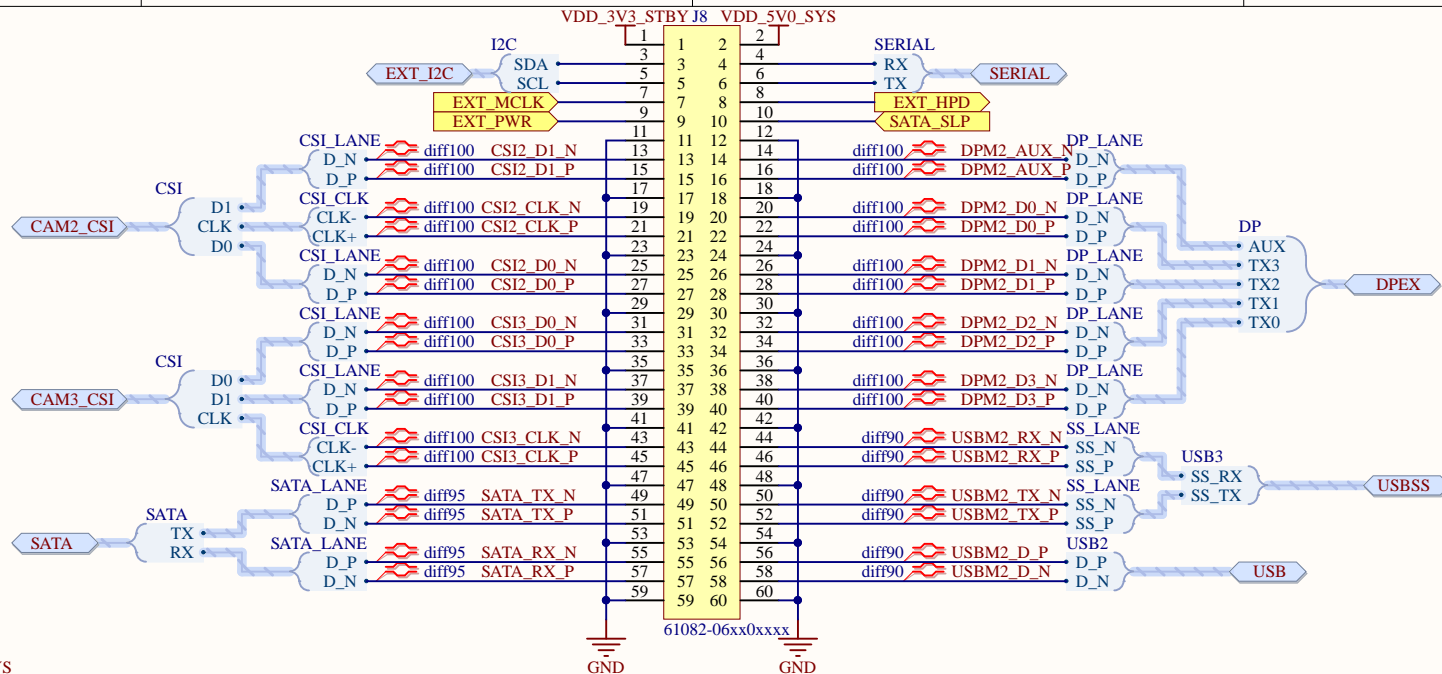
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Repo: <https://github.com/Atmelfan/pcb-ash-carrier>









## SD Card interface

Title **ASH Carrier - SD card & expansion**

GPA Robotics

Size: A4

Number: 4

Revision: 1

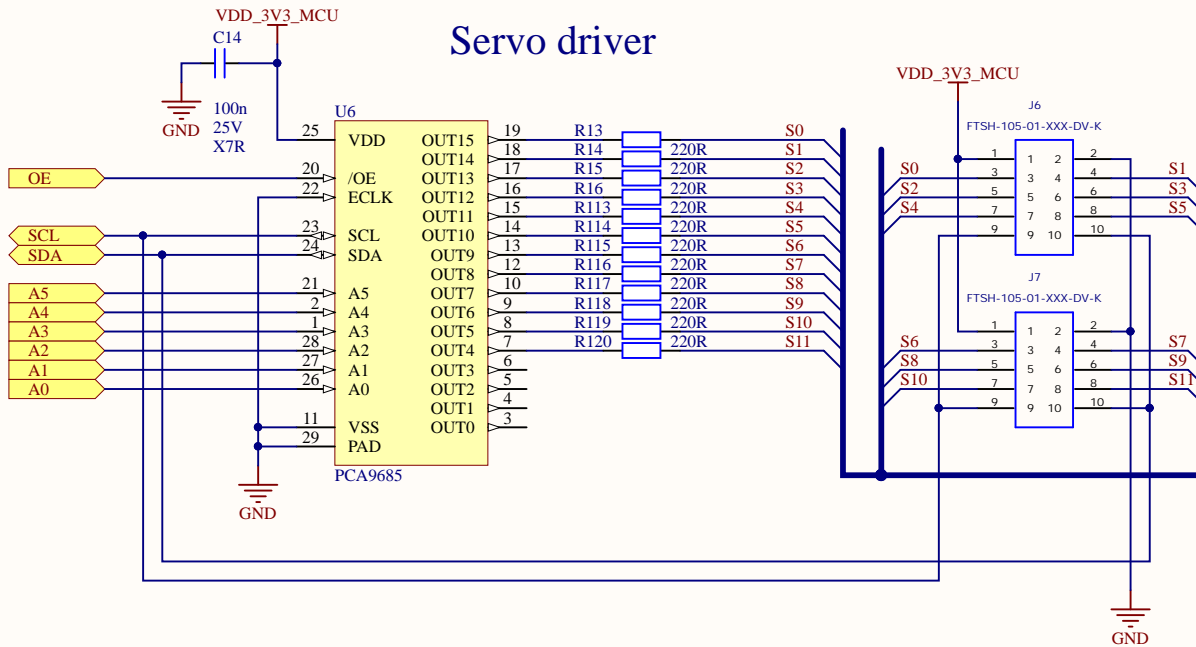
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Time: 20:02:31

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





Title **ASH Carrier - Servo driver**

GPA Robotics

Size: **A4**

Number: **5**

Revision: **1**

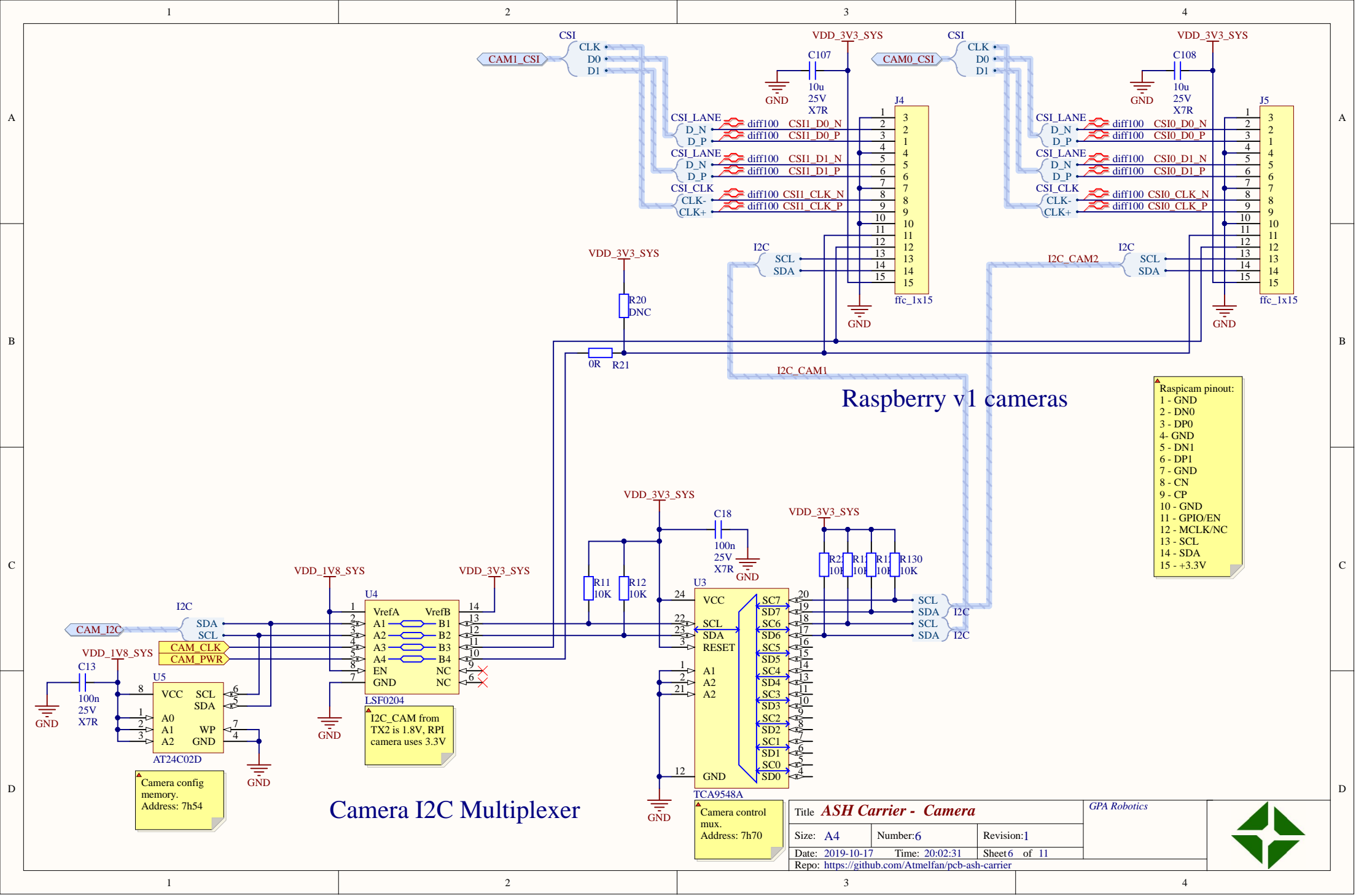
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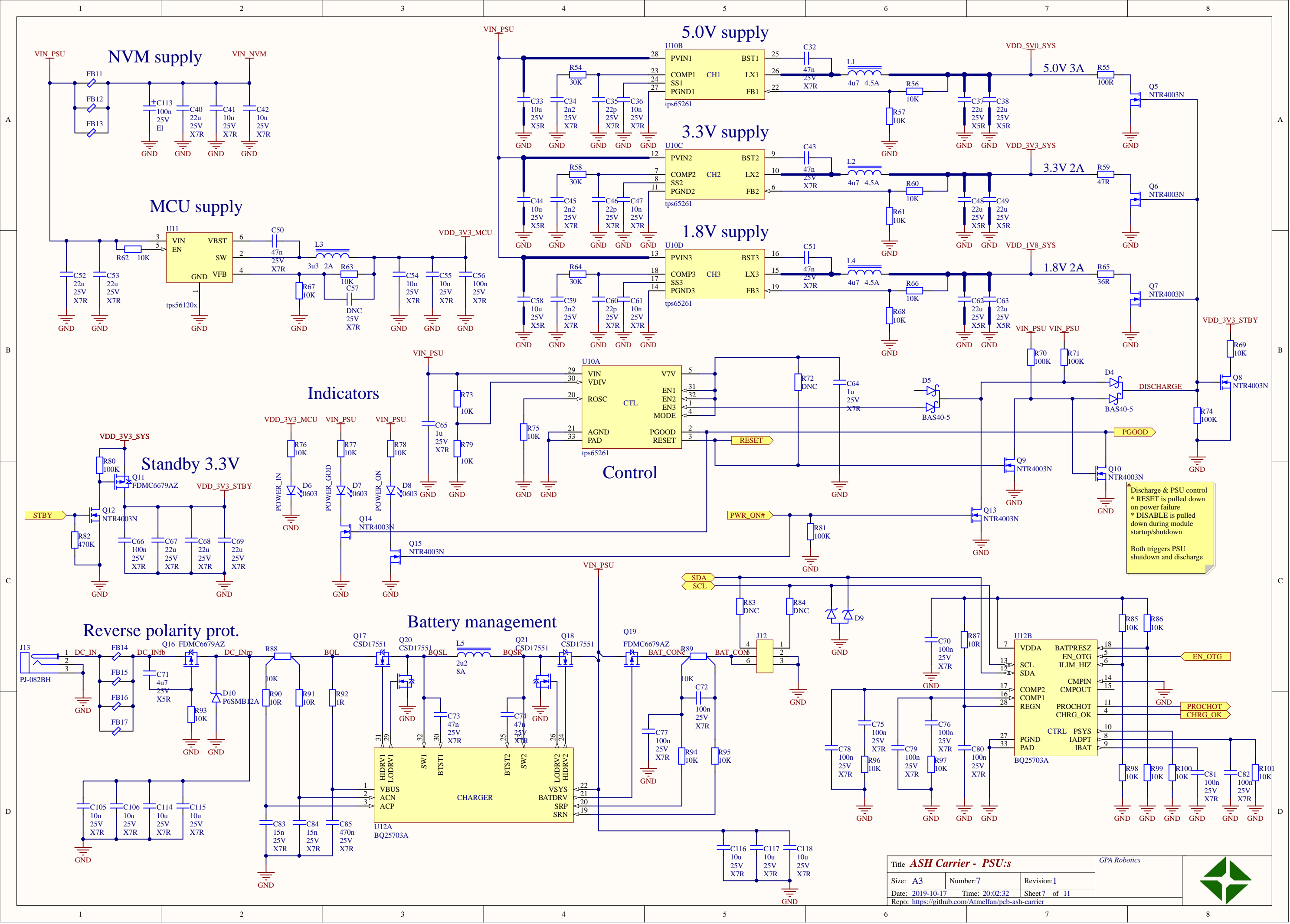
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Repo: <https://github.com/Atmelfan/pcb-ash-carrier>









Discharge & PSU control  
\* RESET is pulled down on power failure  
\* DISABLE is pulled down during module startup/shutdown  
Both triggers PSU shutdown and discharge

A

A

B

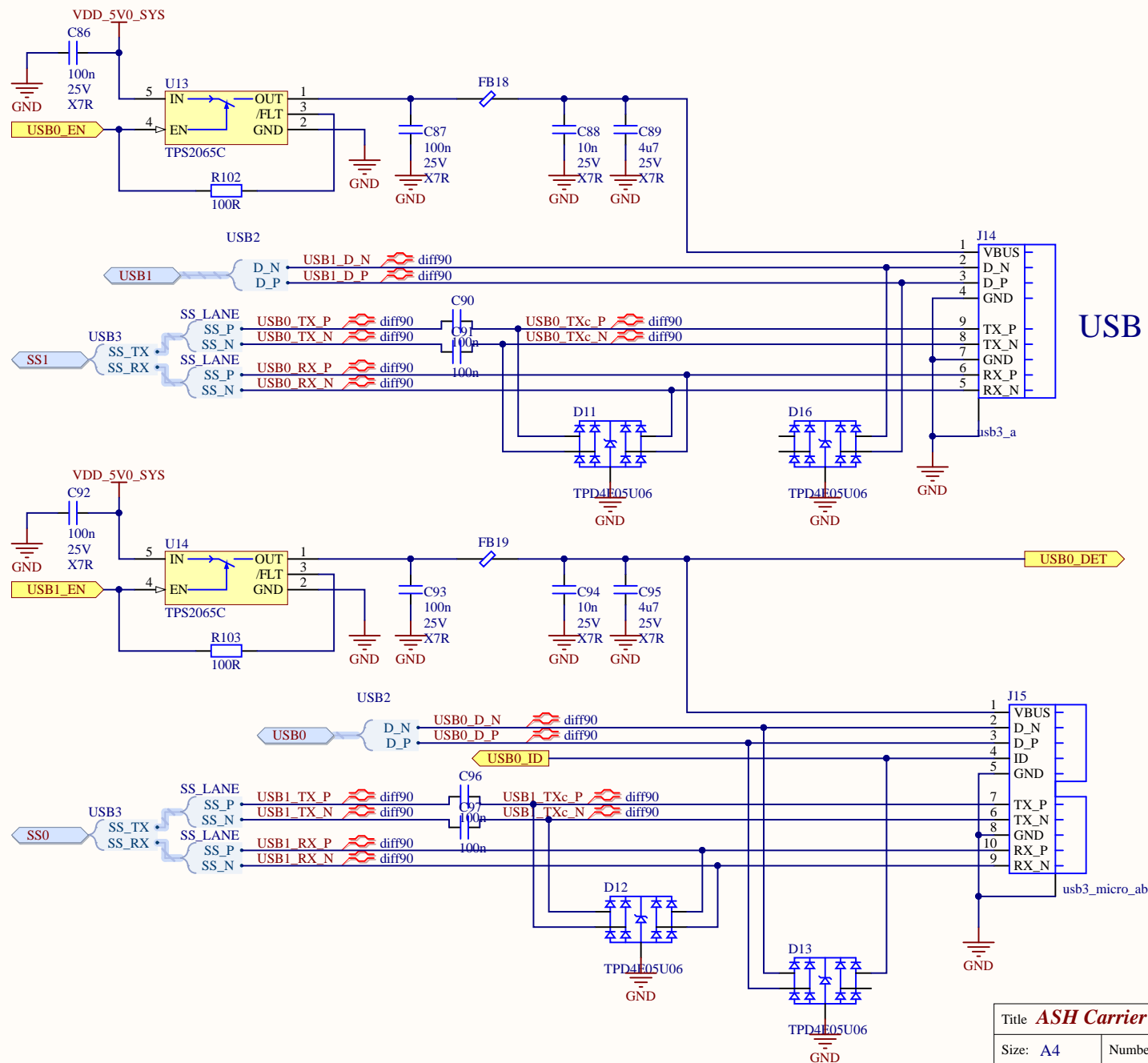
B

C

C

D

D

Title **ASH Carrier - USB ports**

GPA Robotics

Size: A4

Number: 8

Revision: 1

Date: 2019-10-17

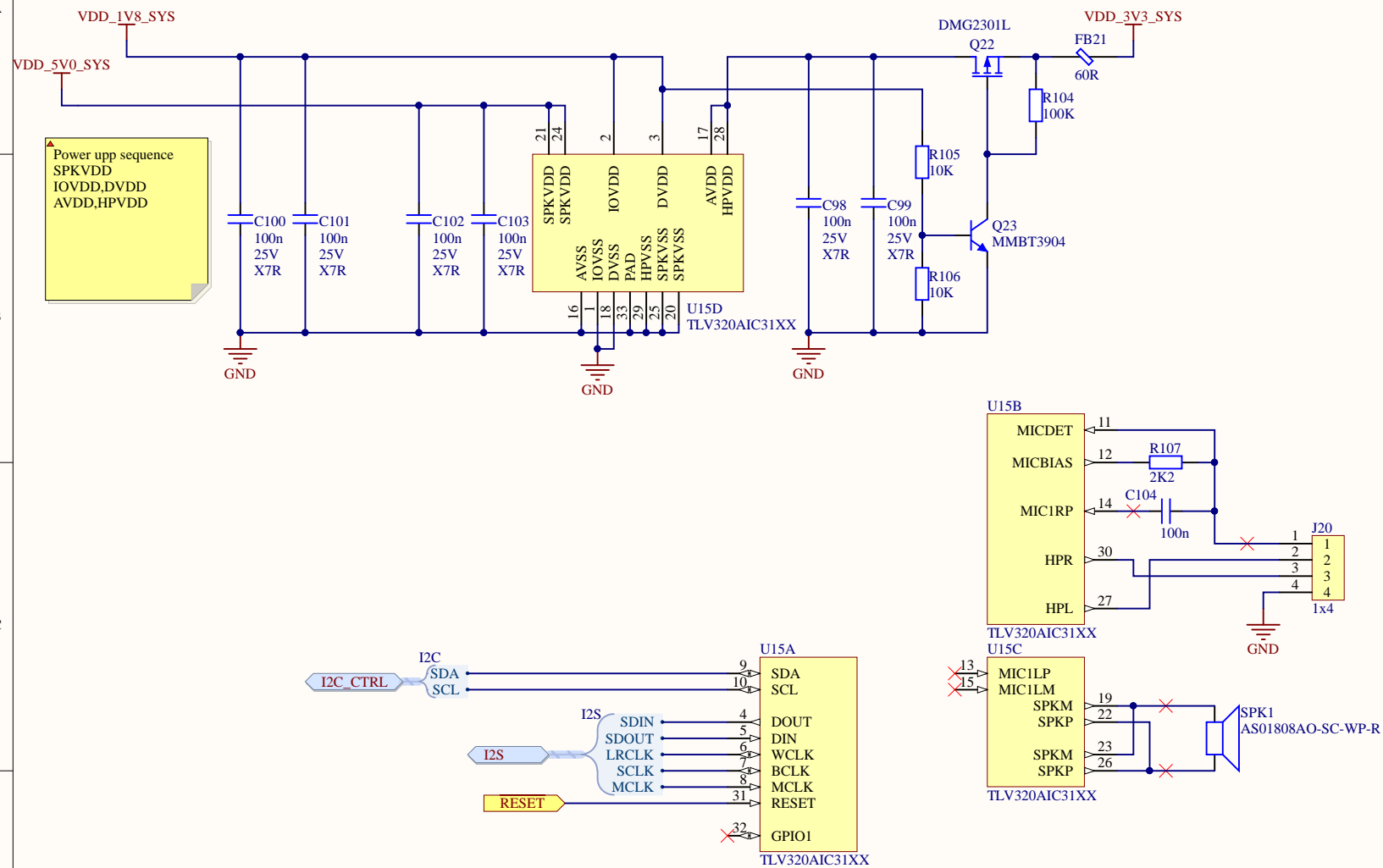
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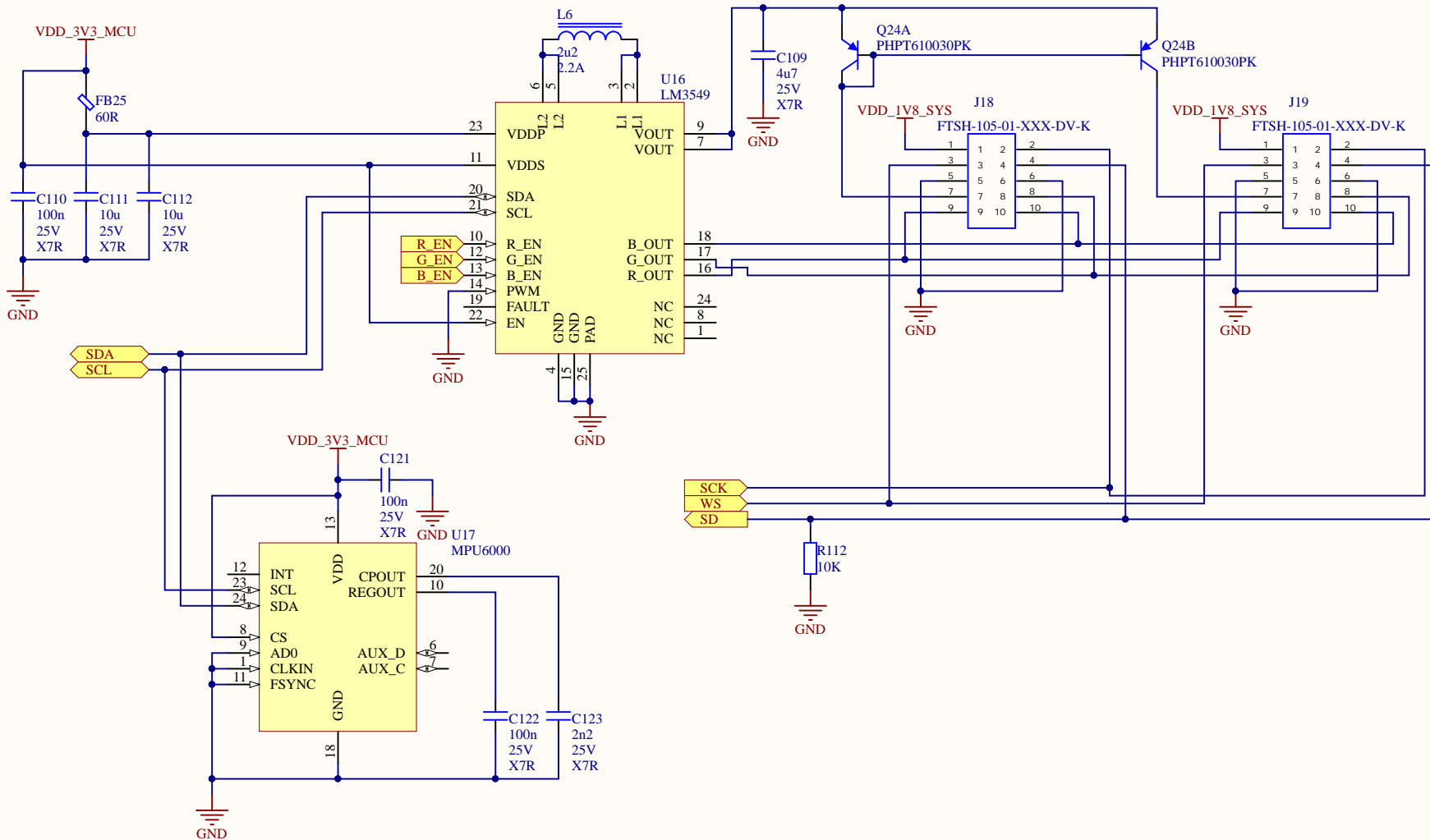
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Repo: <https://github.com/Atmelfan/pcb-ash-carrier>









Title **ASH Carrier - LED driver & Gyro**

GPA Robotics

Size: **A4**

Number: **11**

Revision: **1**

Date: **2019-10-17**

Time: **20:02:32**

Sheet **11** of **11**

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

