
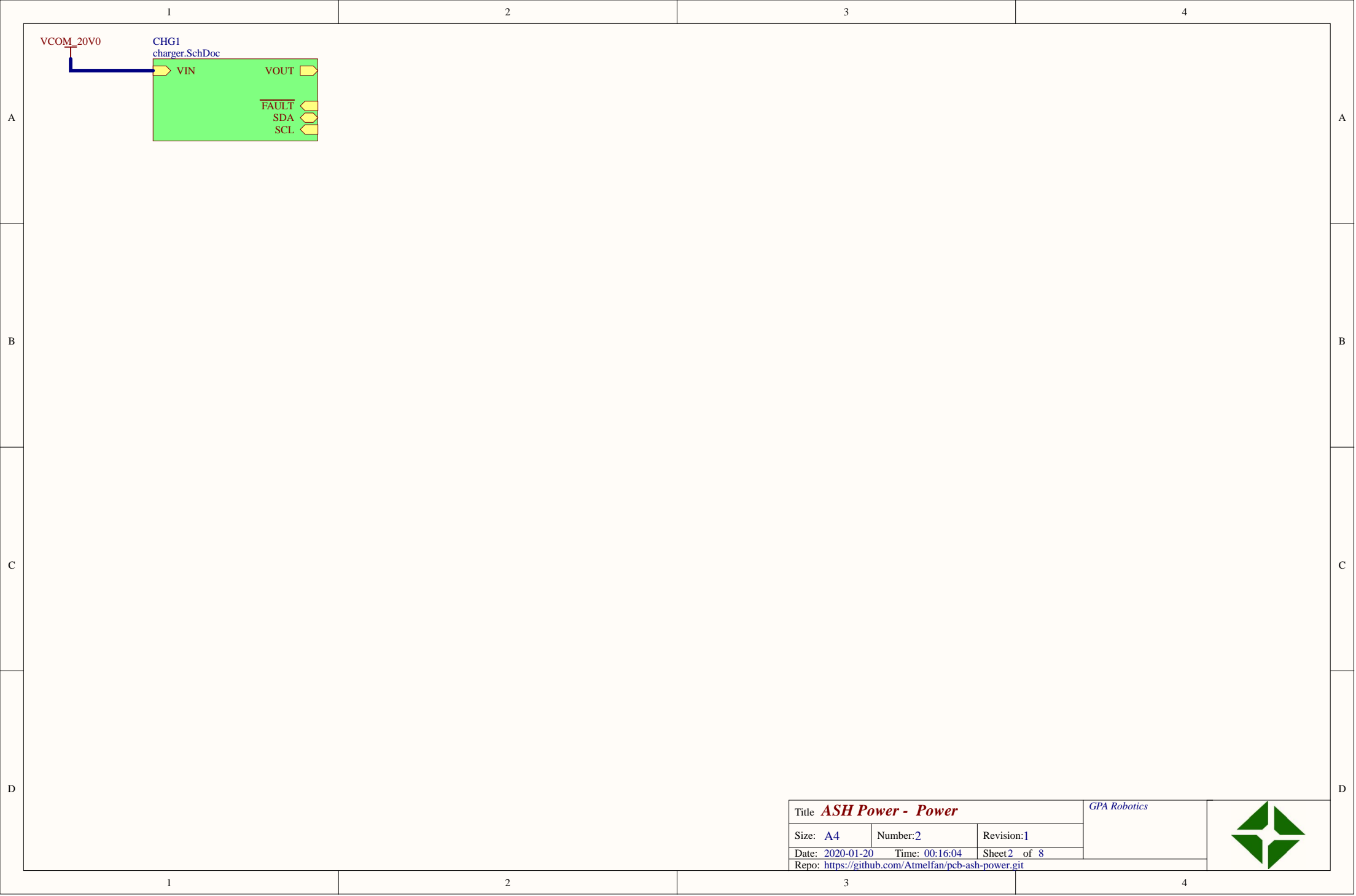
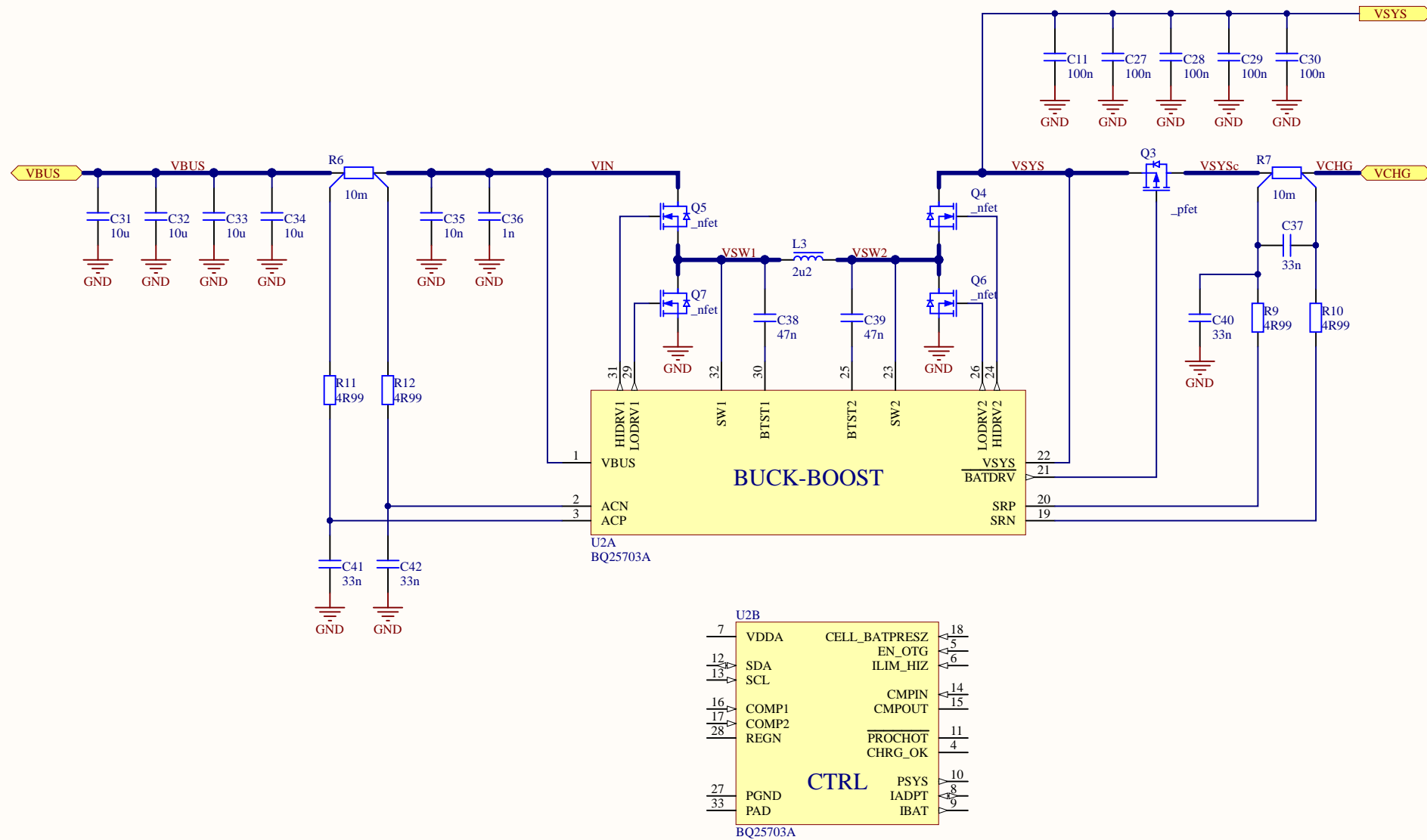


# ASH Power

Variant: [No Variations]

Title <i>ASH Power - Cover</i>			GPA Robotics	
Size: A4	Number: 1	Revision: 1		
Date: 2020-01-20	Time: 00:16:04	Sheet 1 of 8		
Repo: <a href="https://github.com/Atmelfan/pcb-ash-power.git">https://github.com/Atmelfan/pcb-ash-power.git</a>				





Title **ASH Power - Charger**

GPA Robotics

Size: **A4**

Number: **3**

Revision: **1**

Date: **2020-01-20**

Time: **00:16:04**

Sheet **3** of **8**

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



A

A

B

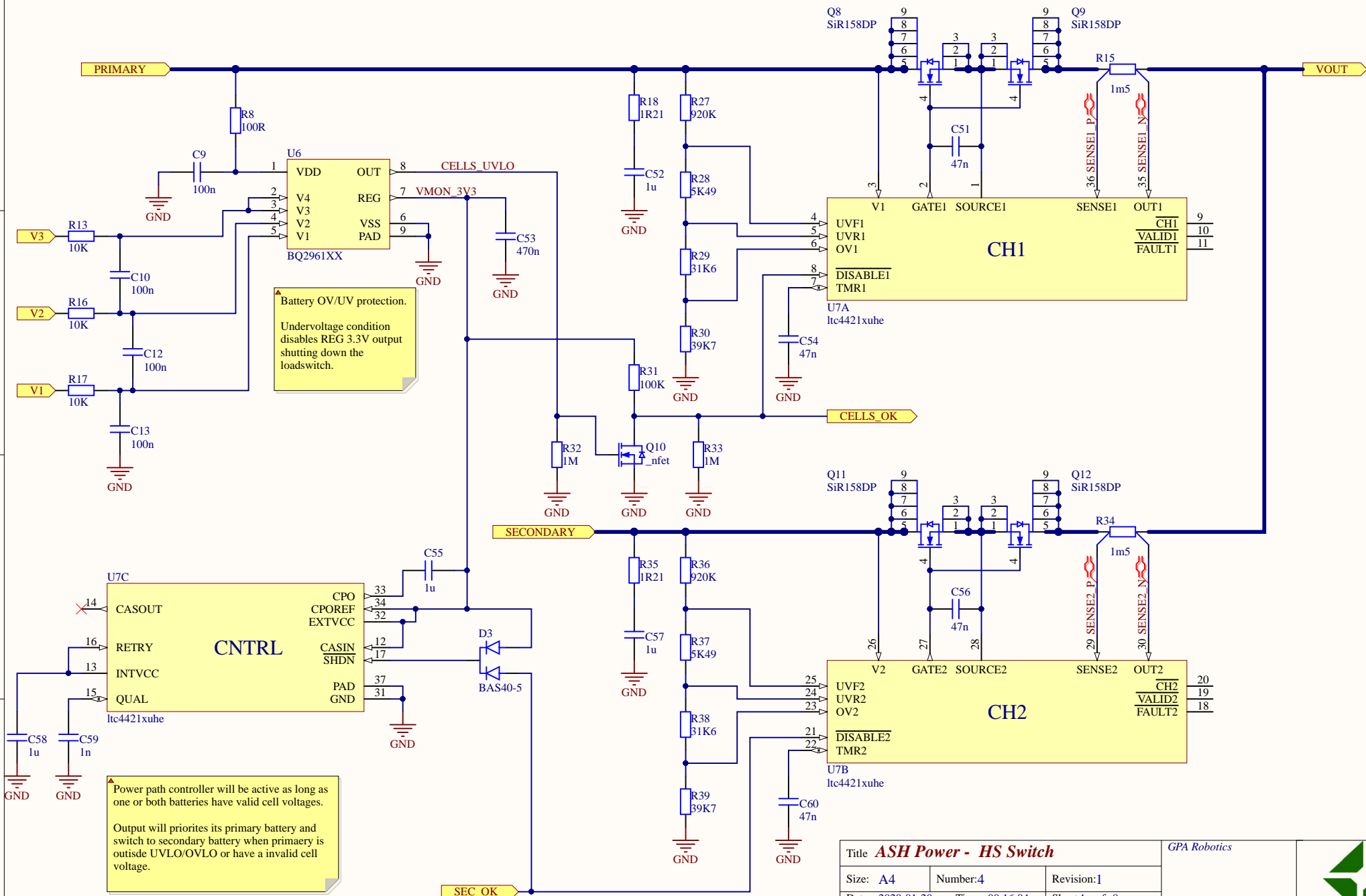
B

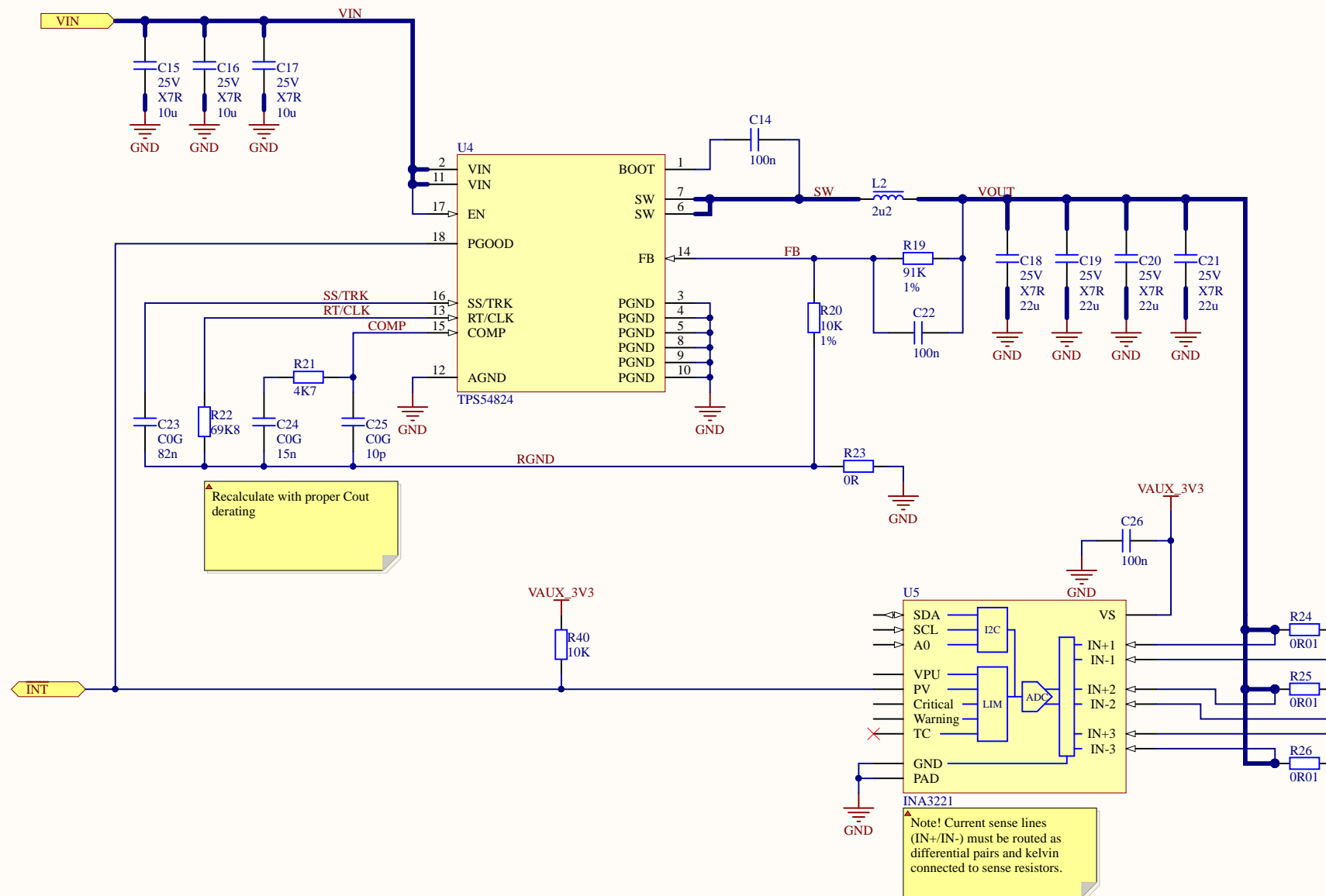
C

C

D

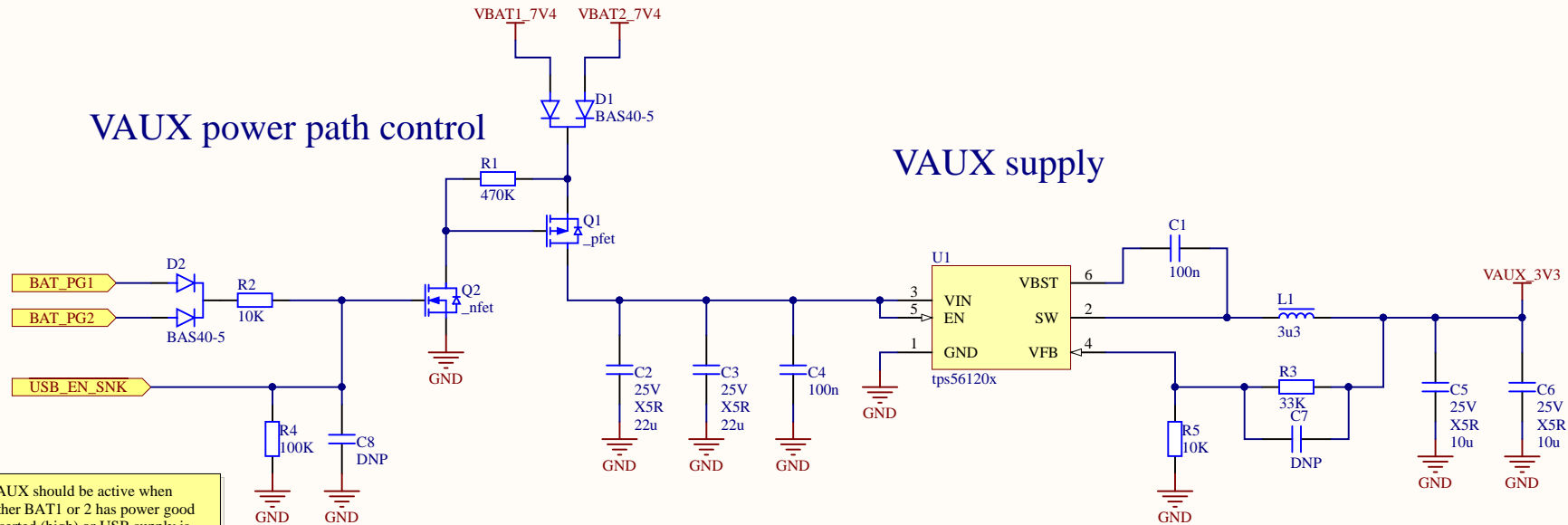
D





## VAUX power path control

## VAUX supply



VAUX should be active when either BAT1 or 2 has power good asserted (high) or USB supply is available.

If USB supply is available (5-20V) batteries should not be used for VAUX (even if  $V_{BATn} > V_{BUS}$ ).

Title **ASH Power - AUX supply**

GPA Robotics

Size: **A4**

Number: **6**

Revision: **1**

Date: **2020-01-20**

Time: **00:16:04**

Sheet **6** of **8**

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



A

A

B

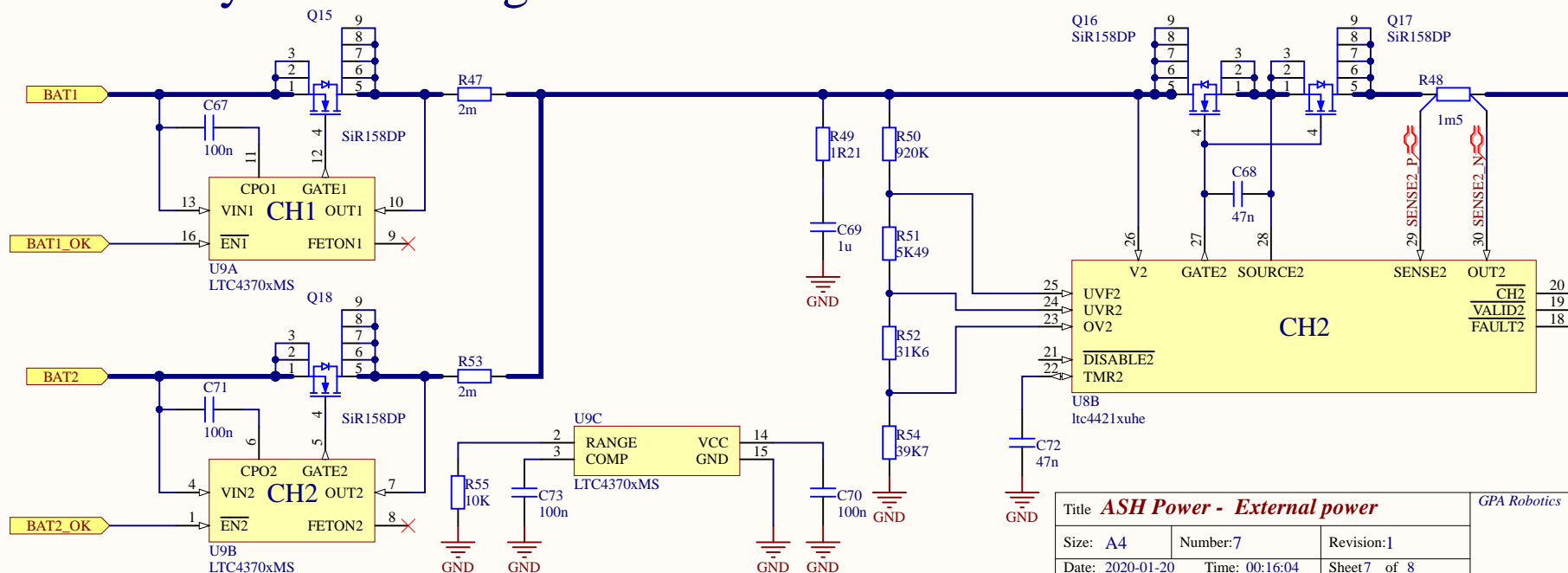
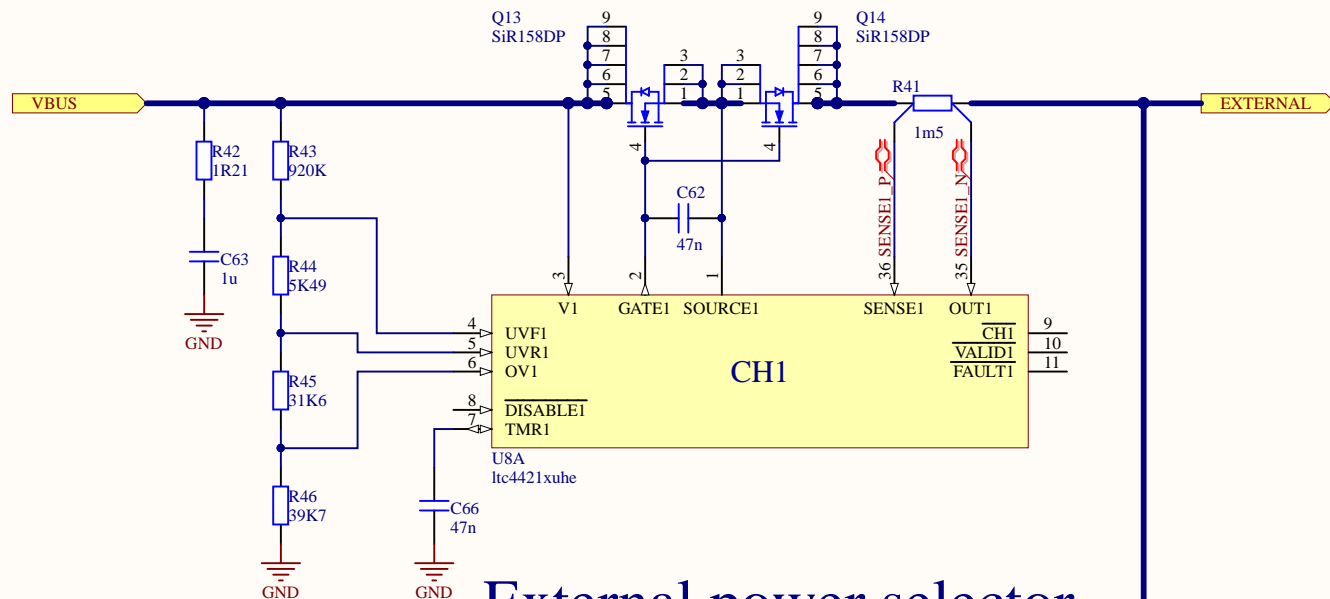
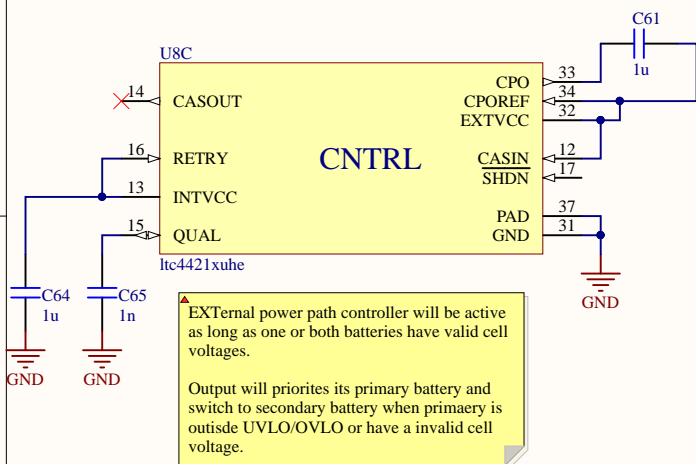
B

C

C

D

D

Title **ASH Power - External power**

GPA Robotics

Size: A4

Number: 7

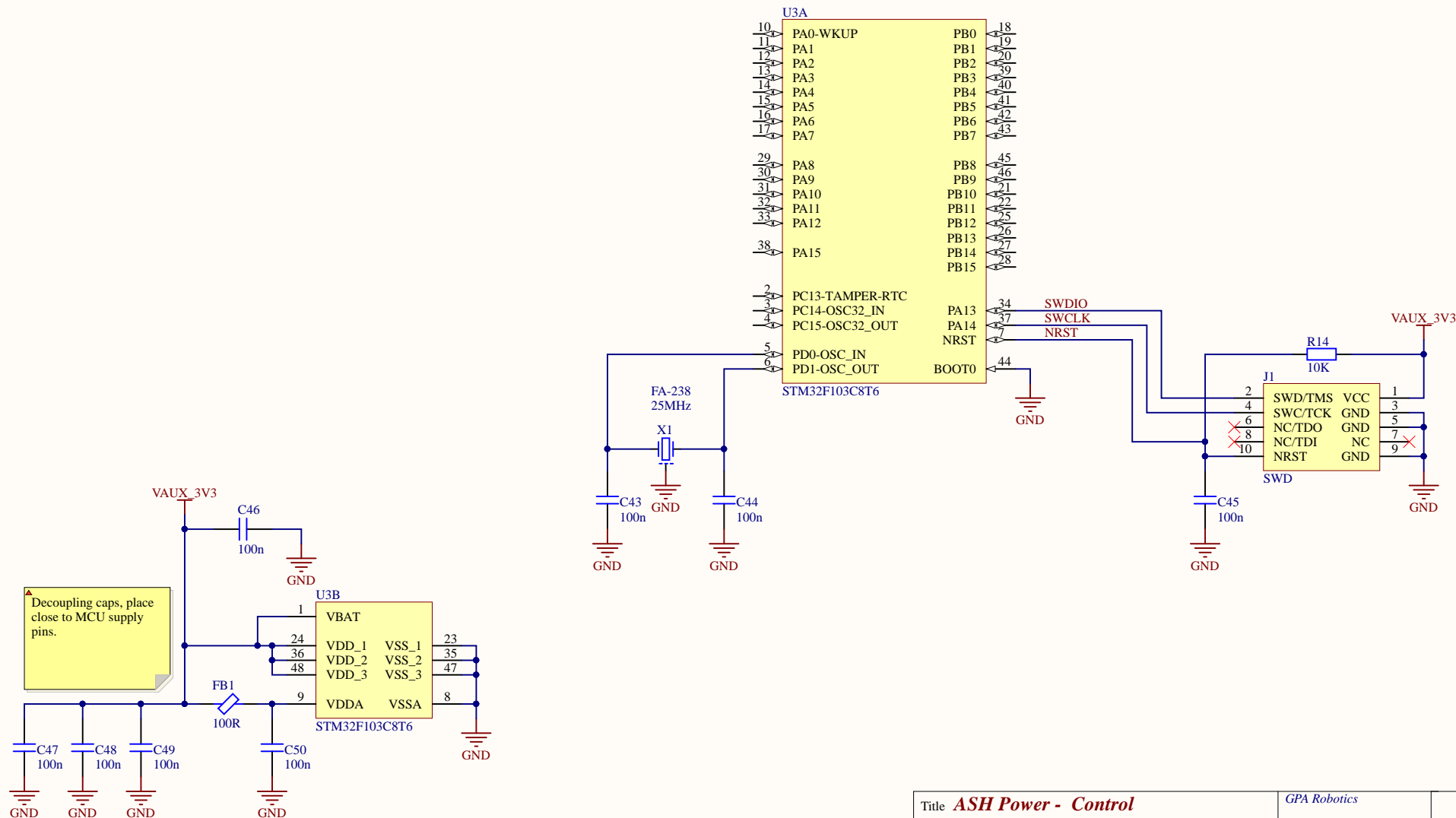
Revision: 1

Date: 2020-01-20

Time: 00:16:04

Sheet 7 of 8

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

Title **ASH Power - Control**

GPA Robotics

Size: **A4**Number: **8**Revision: **1**Date: **2020-01-20**Time: **00:16:04**Sheet **8** of **8**Repo: <https://github.com/Atmelfan/pcb-ash-power.git>