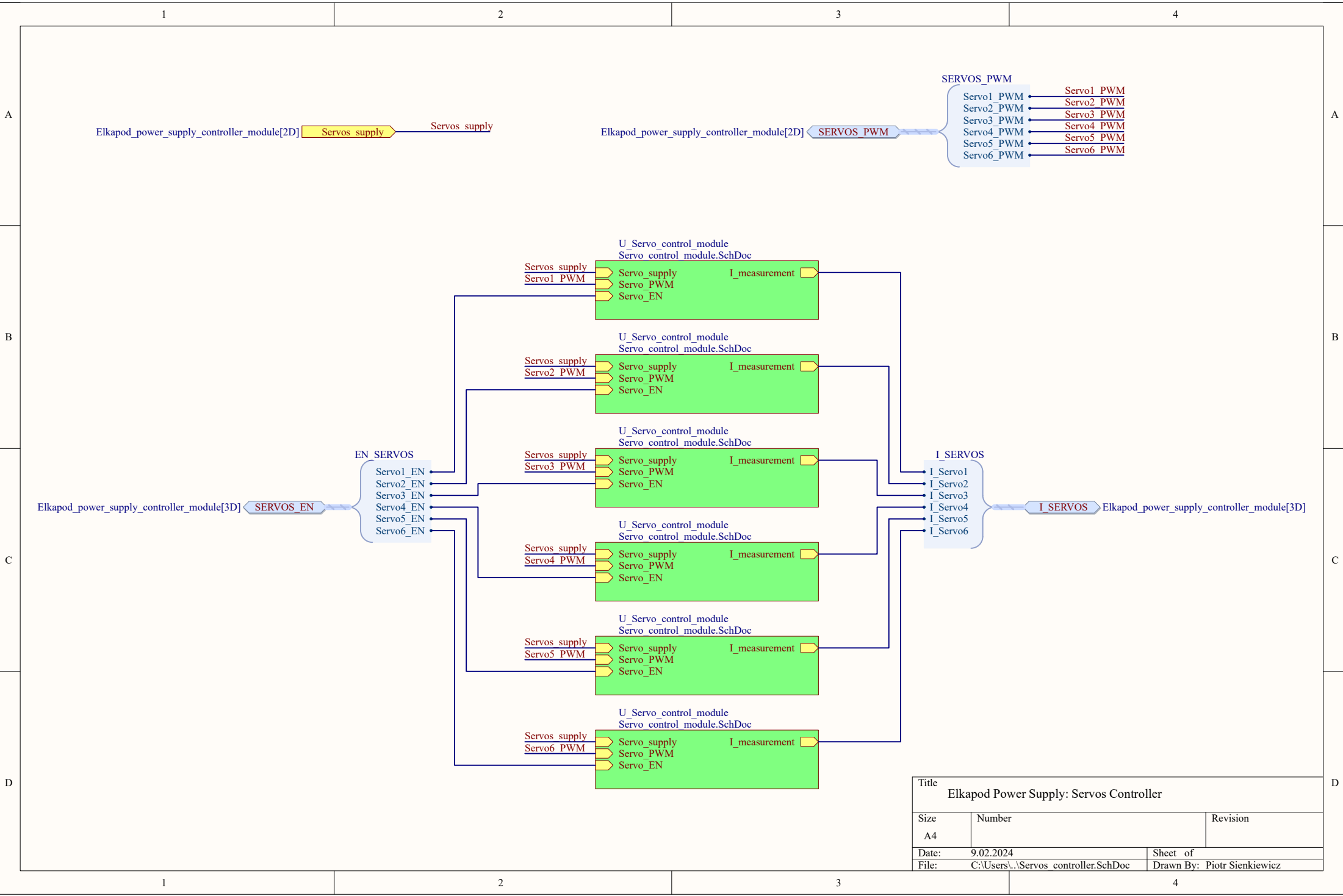
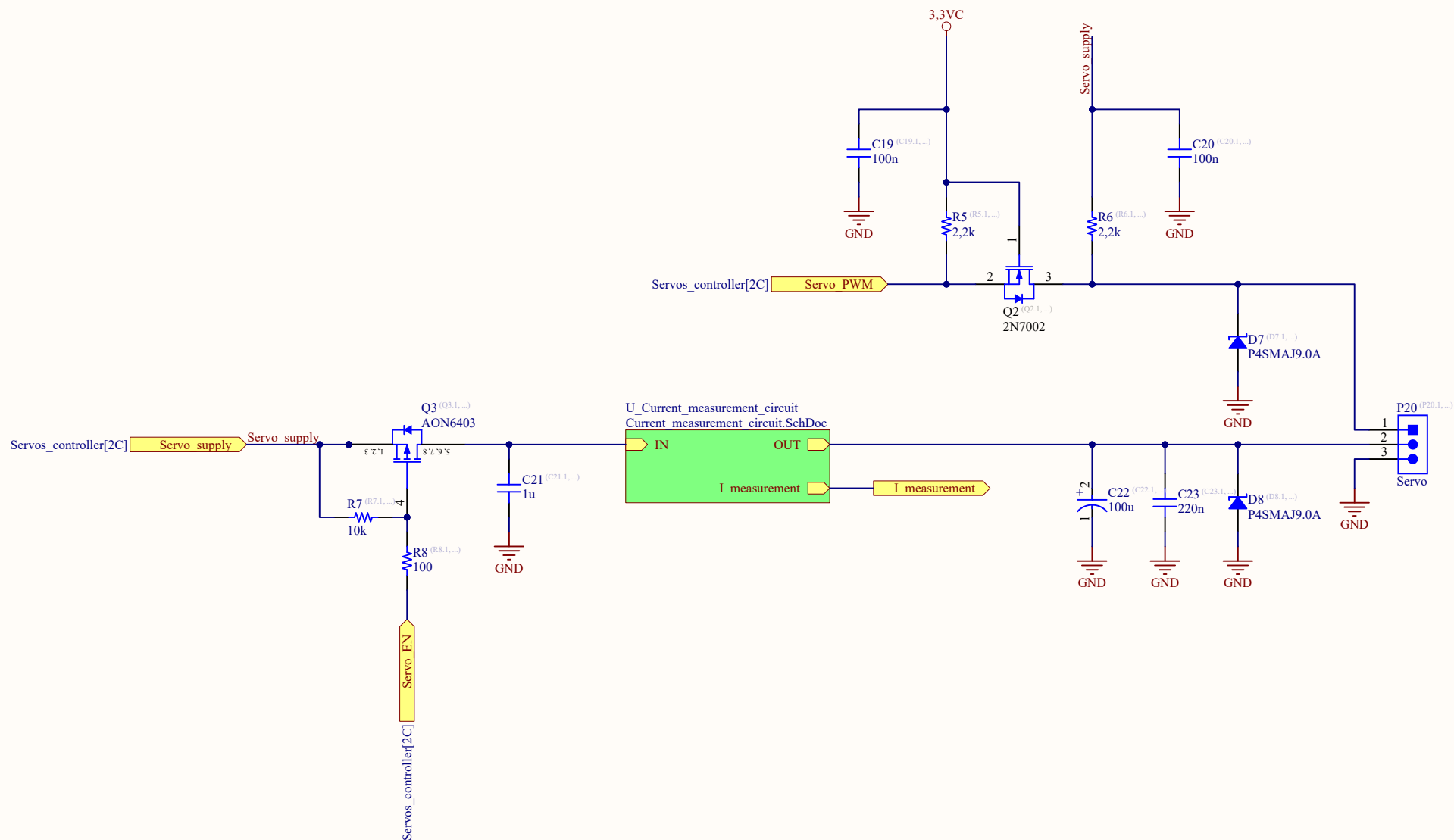


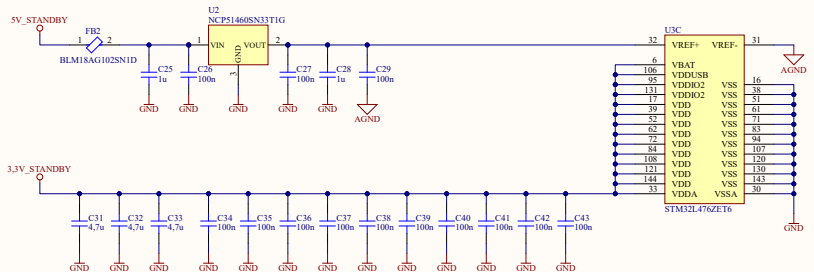
Title Elkapod Power Supply: Controller Module		
Size A2	Number	Revision
Date: 9.02.2024	Sheet of	
File: C:\Users\Elkapod power supply control\Documents\Elkapod SchDoc Piotr Sienkiewicz		



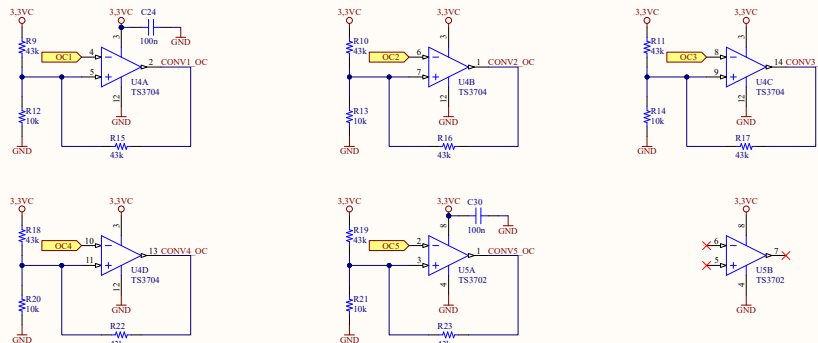


Title		
Elkapod Power Supply: Servo Control Module		
Size	Number	Revision
A4		
Date:	9.02.2024	Sheet of
File:	C:\Users\...\Servo control module.SchDoc Drawn By: Piotr Sienkiewicz	

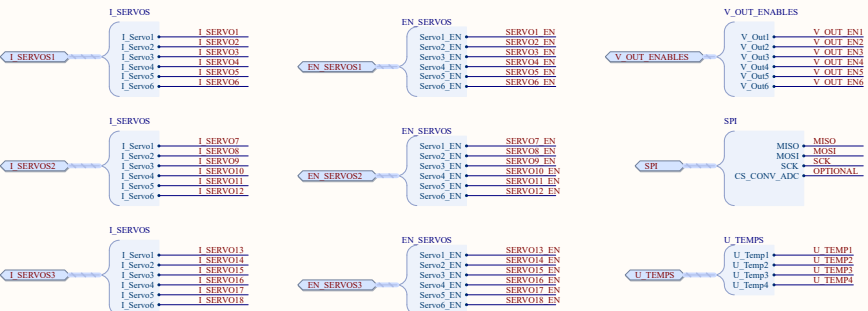
## MCU Power Supply



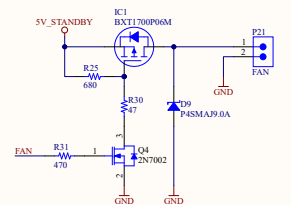
## Overcurrent Signals Comparators



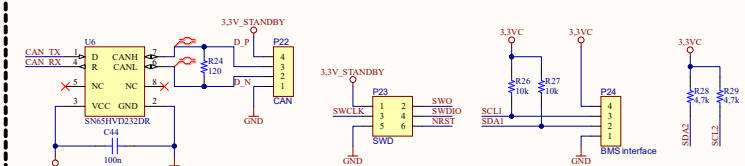
## Multi-Sheets Interfaces



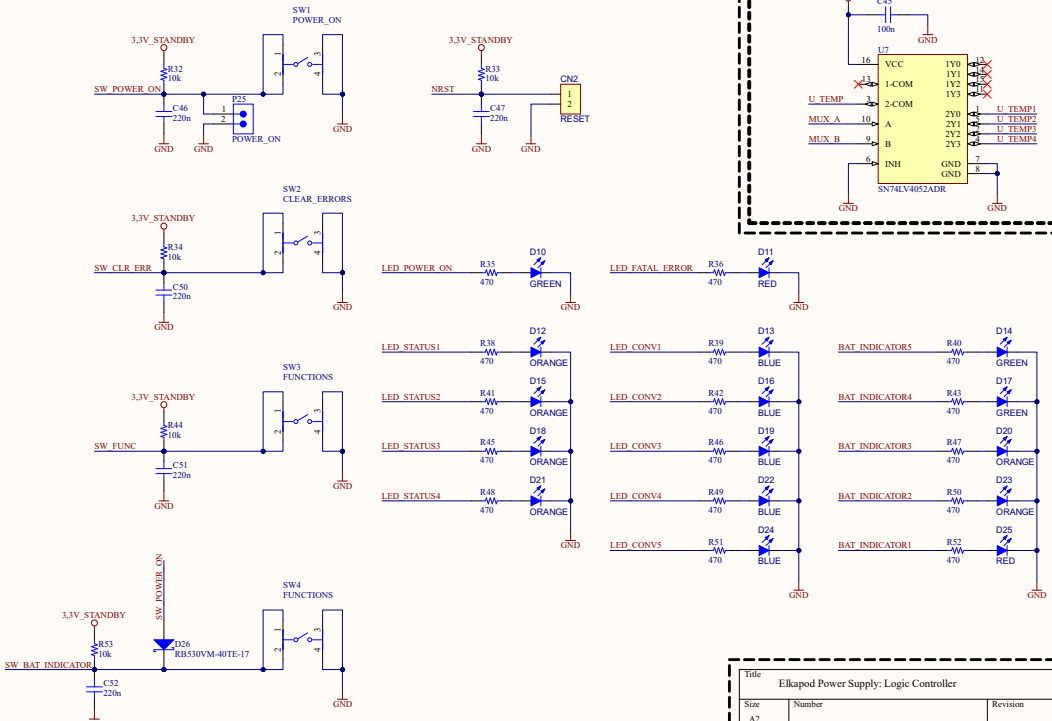
## Fan Power Switch



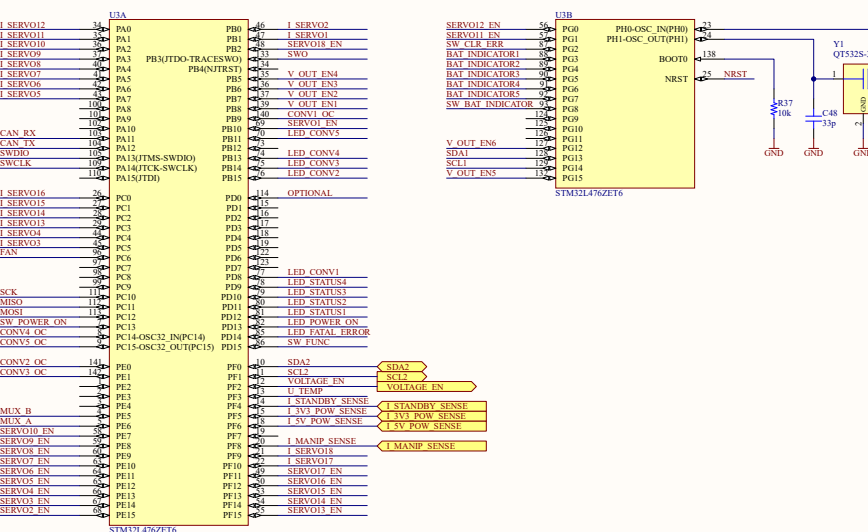
## Interfaces



## User Interface (Switches and LEDs)



## MCU



Title		
Elkapod Power Supply: Logic Controller		
Size	Number	Revision
A2		
Date	Sheet of	Drawn By:
9/02/2024	1	Piotr Siskiewicz
File:	C:\Users\Logic controller\SchDsc	

Elkapod\_power\_supply\_controller\_module[6D], Logic\_controller[3B]

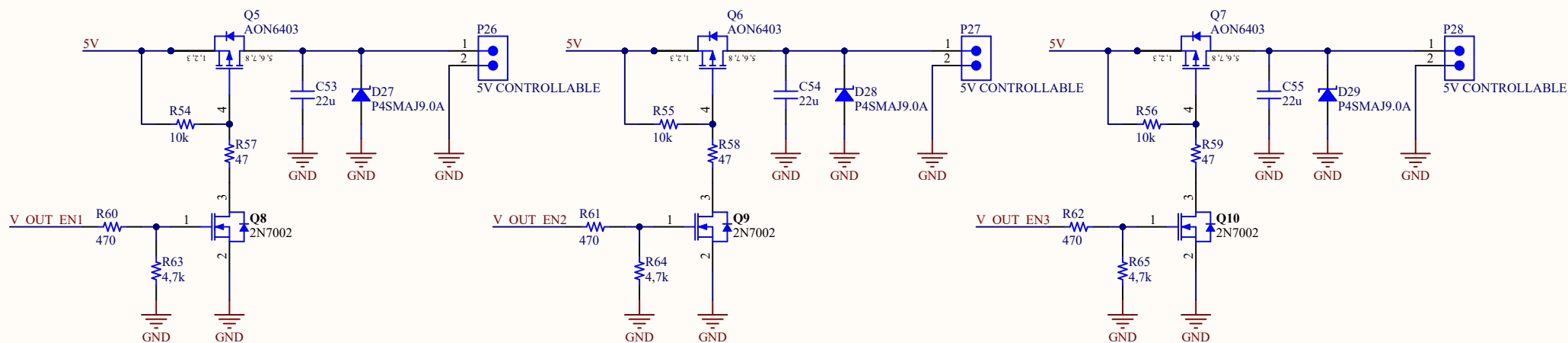
V\_OUT\_ENABLES

V\_OUT\_ENABLES

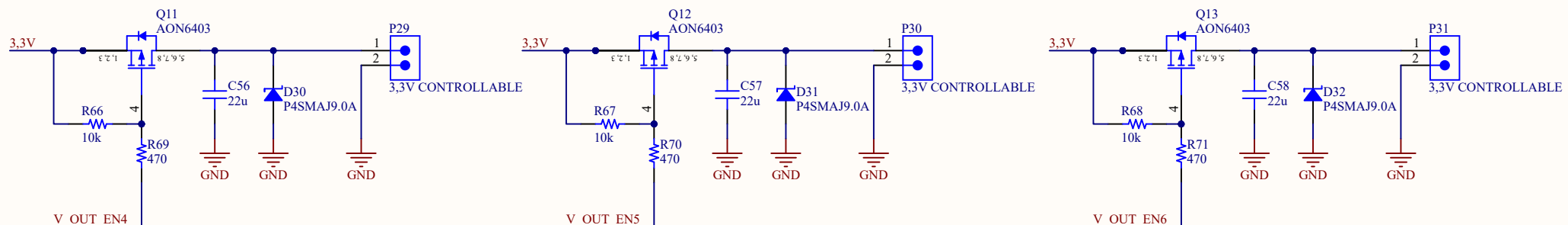
V\_Out1 → V\_OUT\_EN1  
V\_Out2 → V\_OUT\_EN2  
V\_Out3 → V\_OUT\_EN3  
V\_Out4 → V\_OUT\_EN4  
V\_Out5 → V\_OUT\_EN5  
V\_Out6 → V\_OUT\_EN6

Elkapod\_power\_supply\_controller\_module[6D] 5V in → 5V  
Elkapod\_power\_supply\_controller\_module[6D] 3,3V in → 3,3V

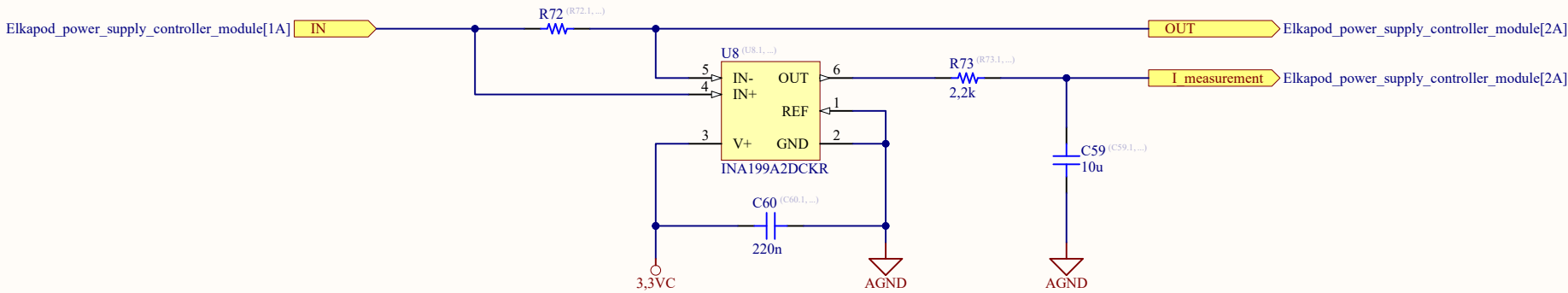
## 5V Controllable Outputs



## 3,3V Controllable Outputs



Title Elkapod Power Supply: Controllable DC Outputs		
Size A4	Number	Revision
Date: 9.02.2024	Sheet of	
File: C:\Users\...Controllable voltage outputs_SCH.Dwg By: Piotr Sienkiewicz		



Title		
Elkapod Power Supply: Current Measurement		
Size	Number	Revision
A4		
Date:	9.02.2024	Sheet of
File:	C:\Users\...\Current measurement circuit	Drawn By: Piotr Sienkiewicz