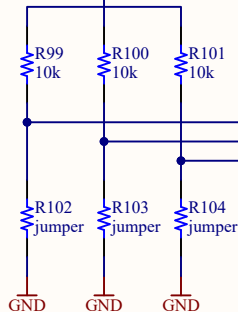




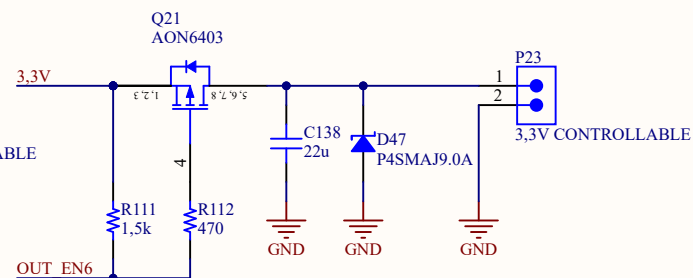
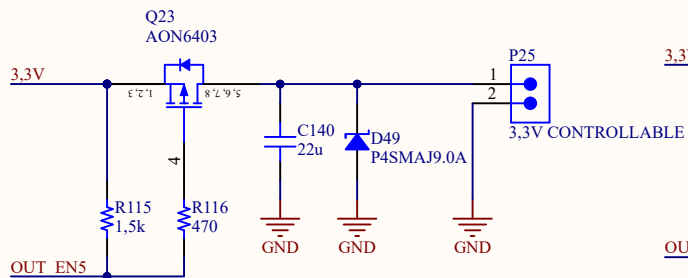
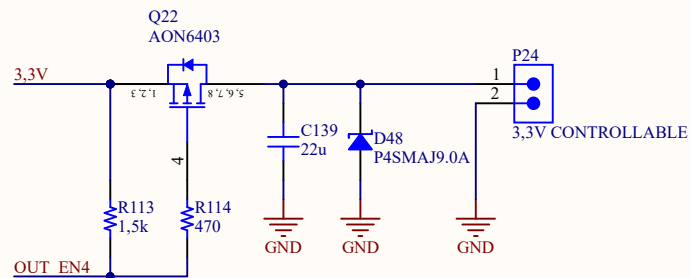
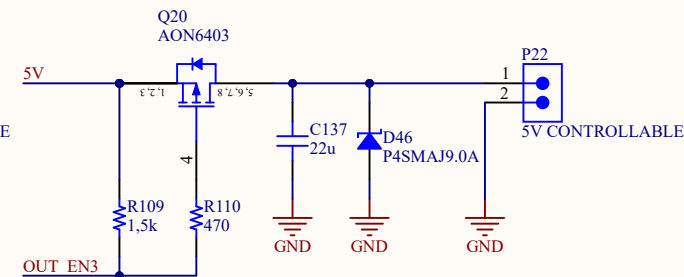
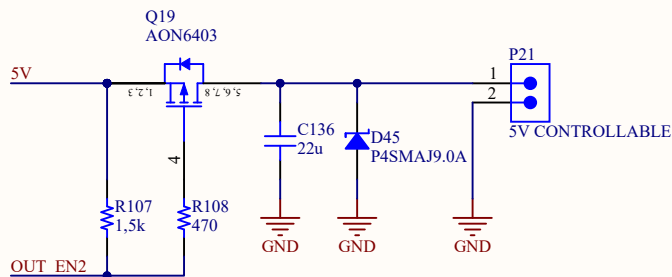
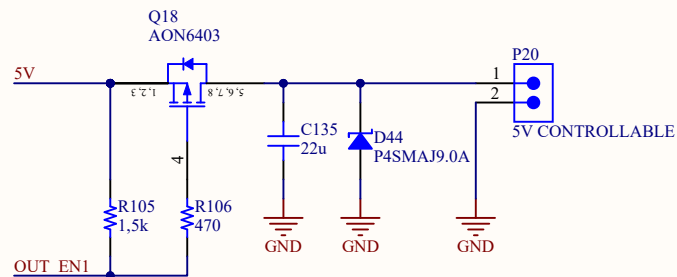
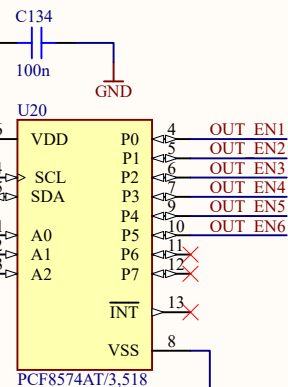
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Electronics\_power\_supply\_DC\_converter[8C] 3,3V

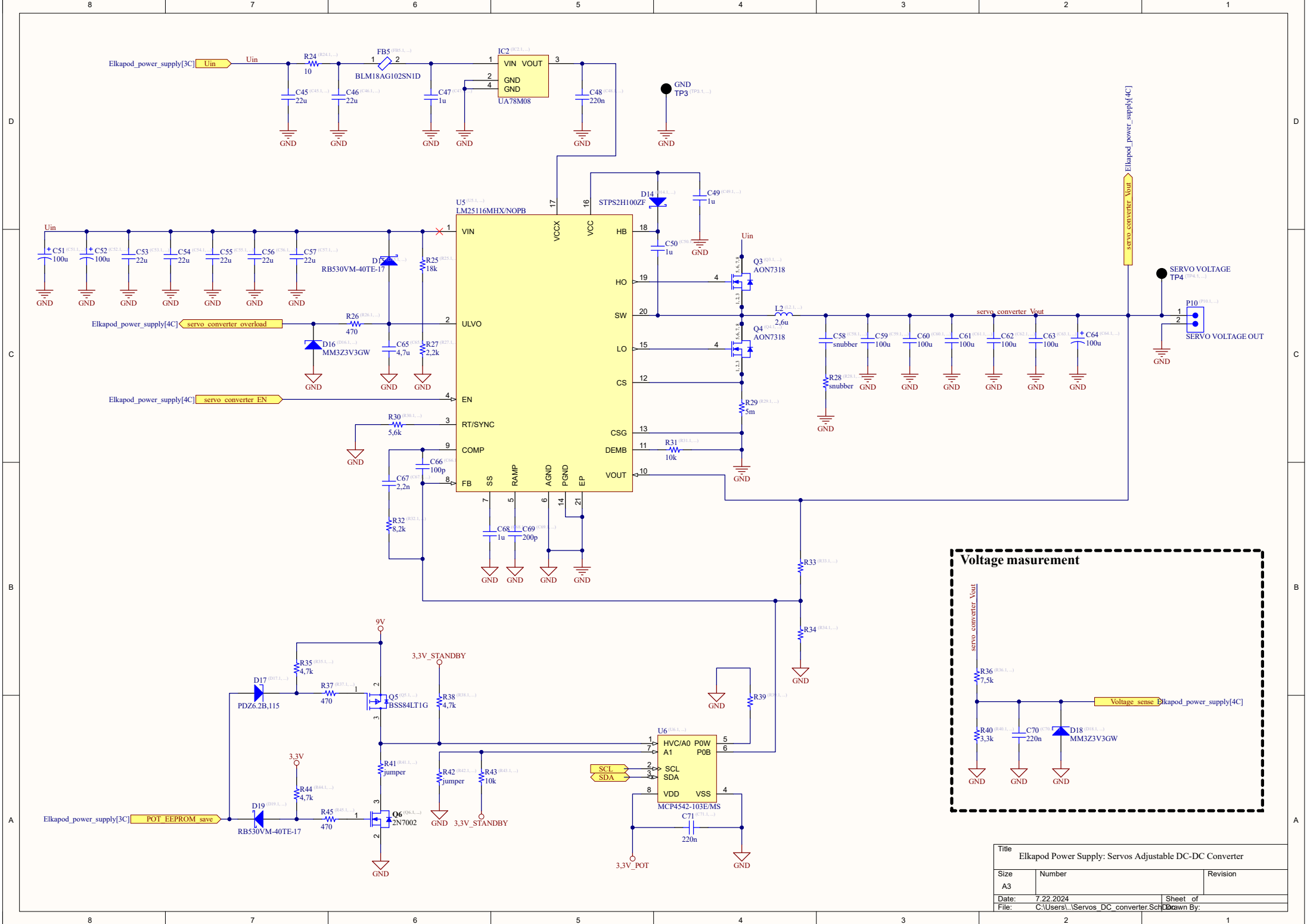
3,3V\_STANDBY



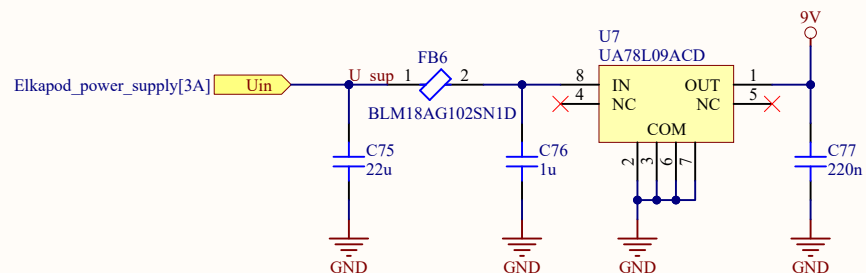
3,3V\_STANDBY



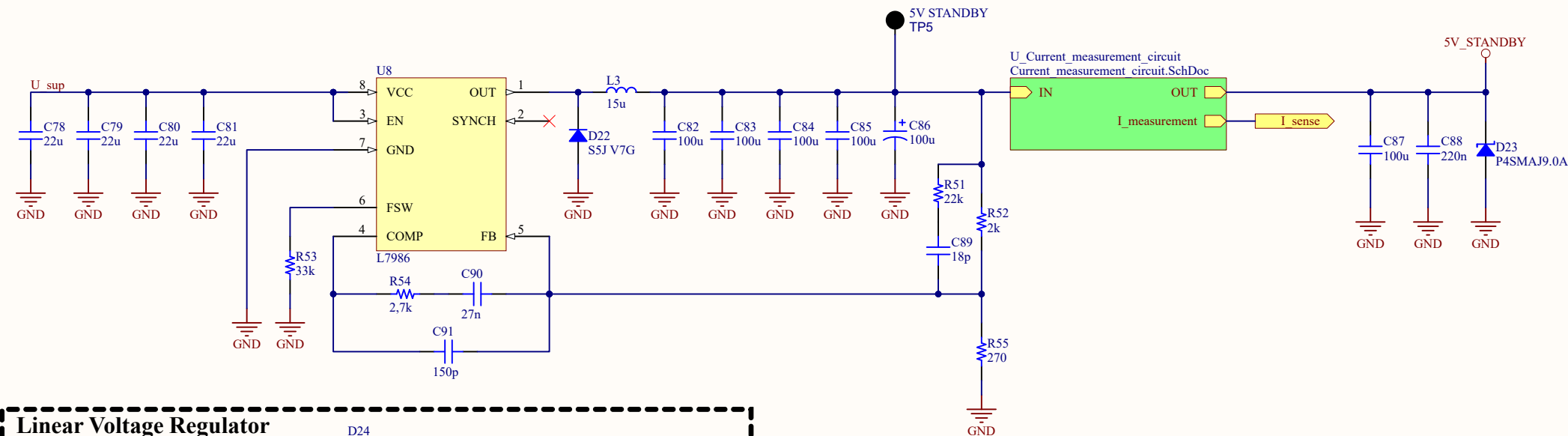
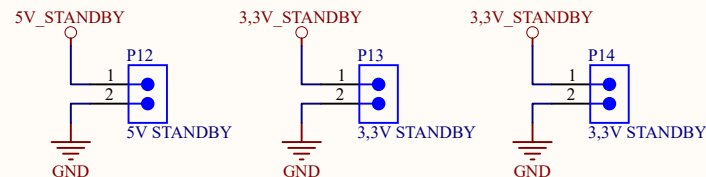
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Size	Number	Revision
A4		
Date:	7.22.2024	Sheet of
File:	C:\Users\...\Controllable voltage outputs	Sheet of



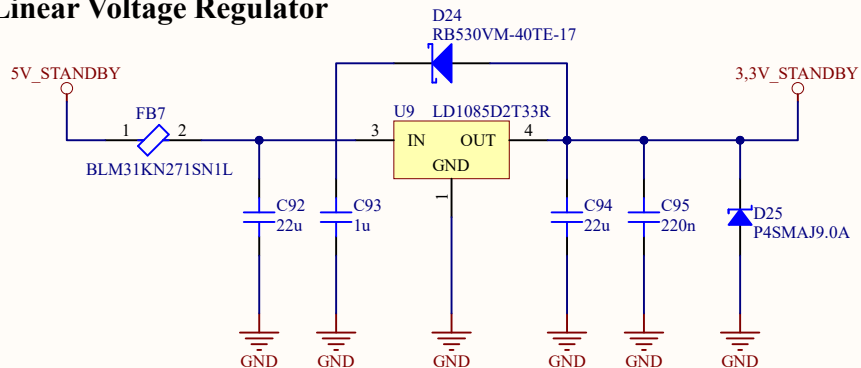
## Auxiliary 9V Voltage Regulator



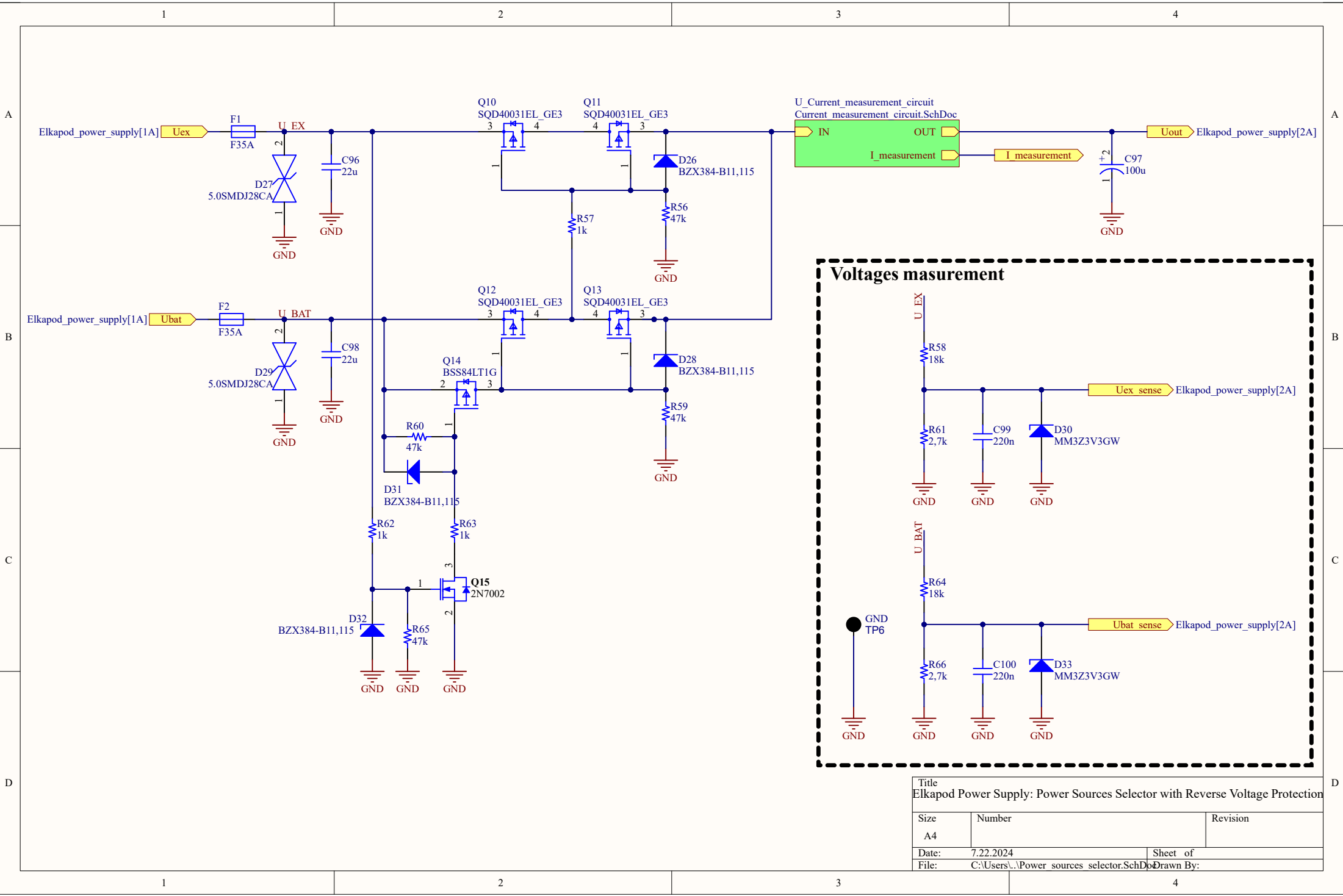
## DC Outputs



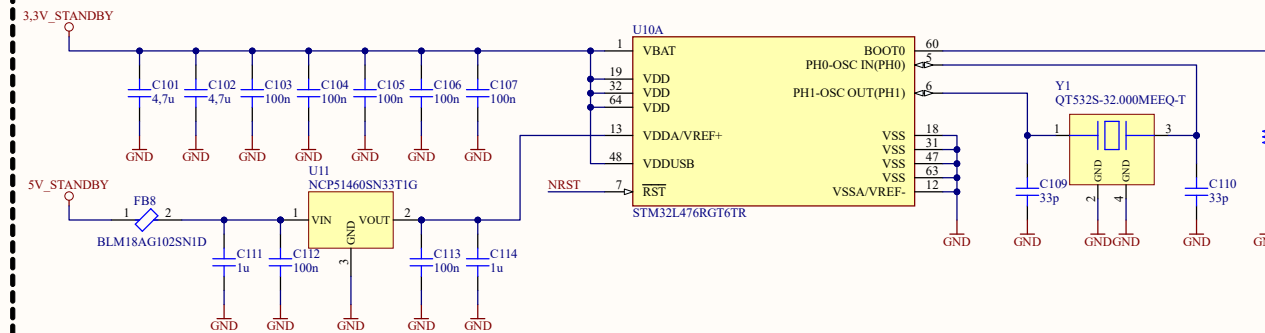
## Linear Voltage Regulator



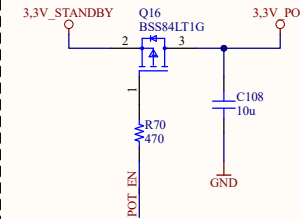
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Size	Number	Revision
A4		
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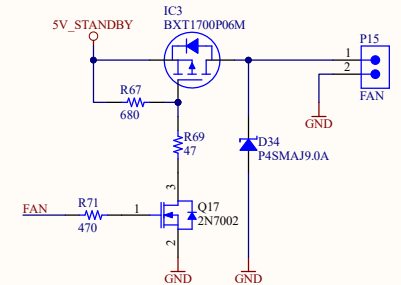
## MCU Power Supply



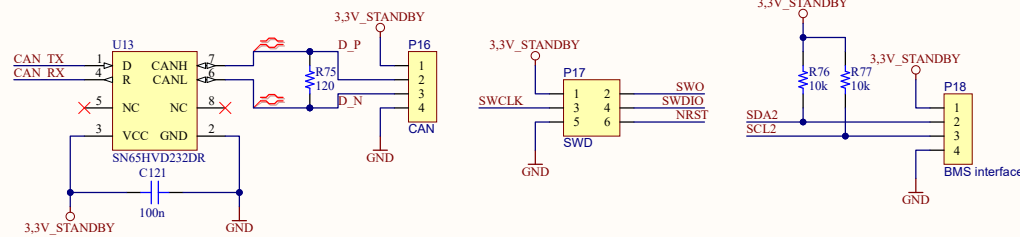
## I2C Potentiometer Power Switch



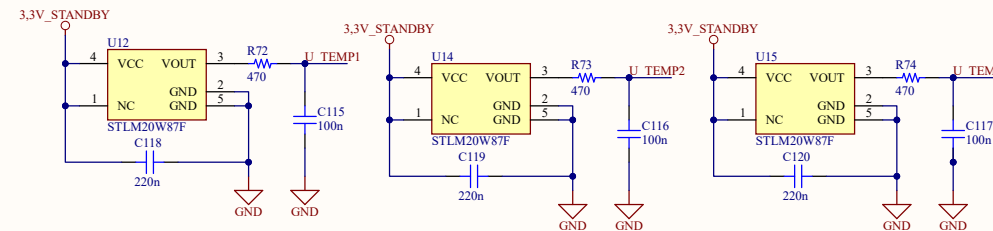
## Fan Power Switch



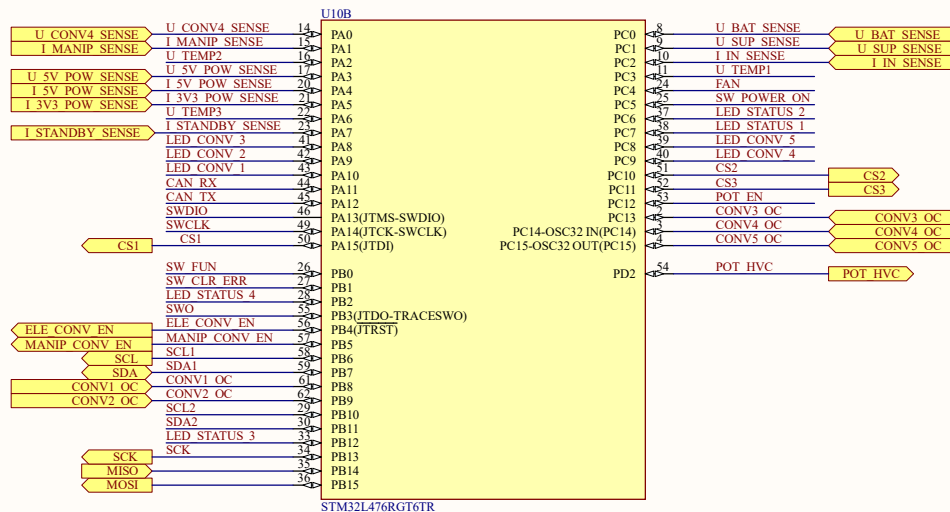
## Interfaces



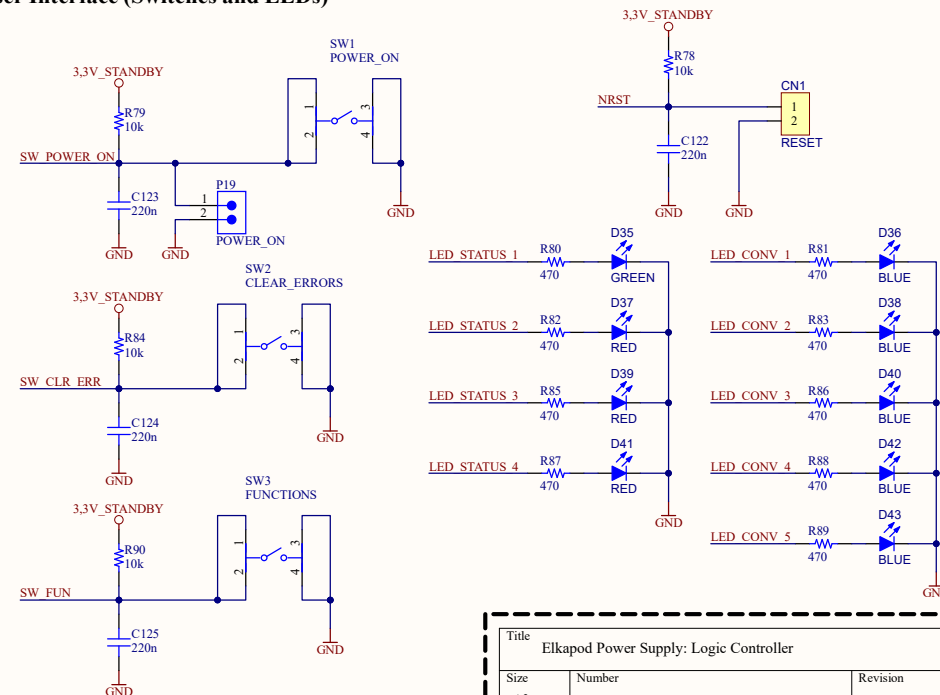
## Temperature Measurement



## MCU and Module Interfaces

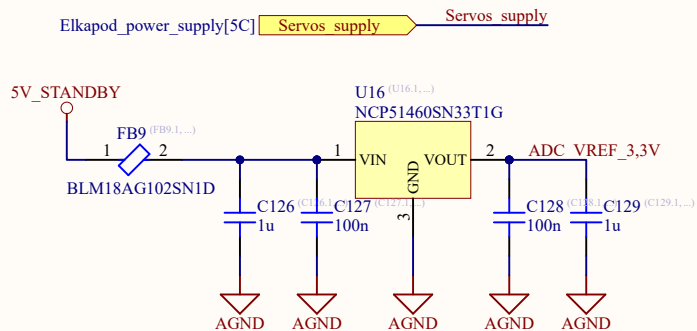


## User Interface (Switches and LEDs)

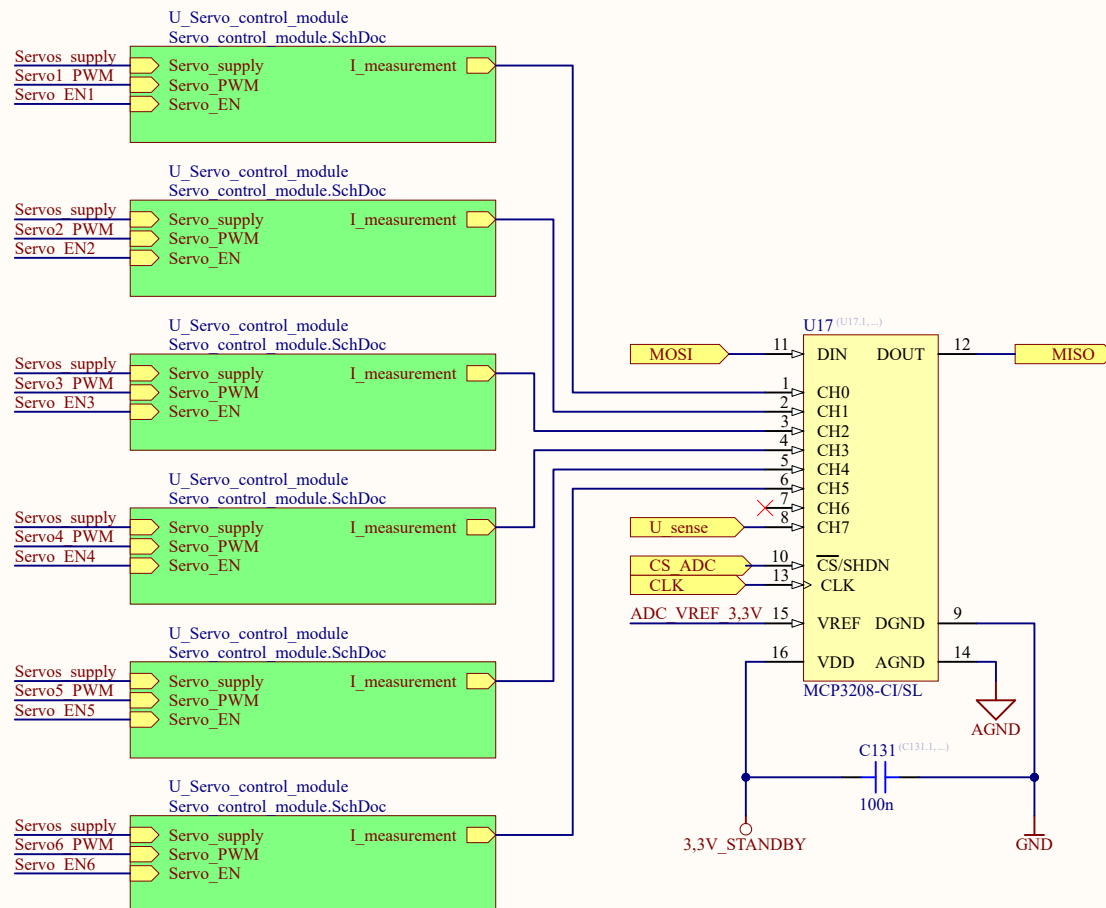
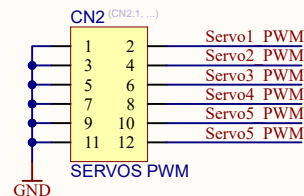
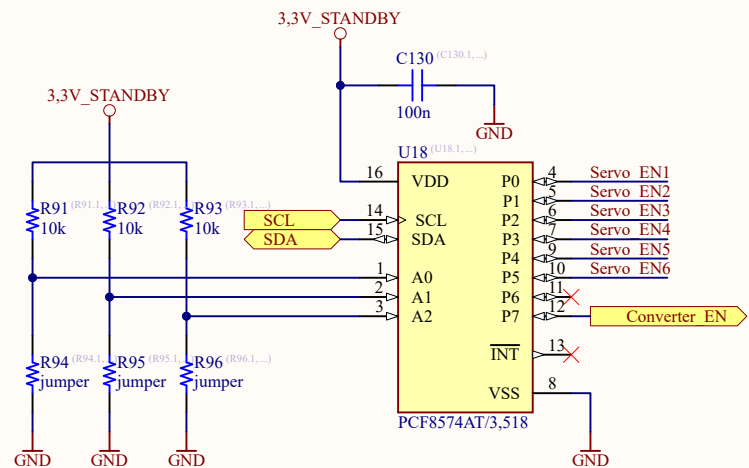


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Size	Number	Revision
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## Supply and ADC Reference Voltage Regulator

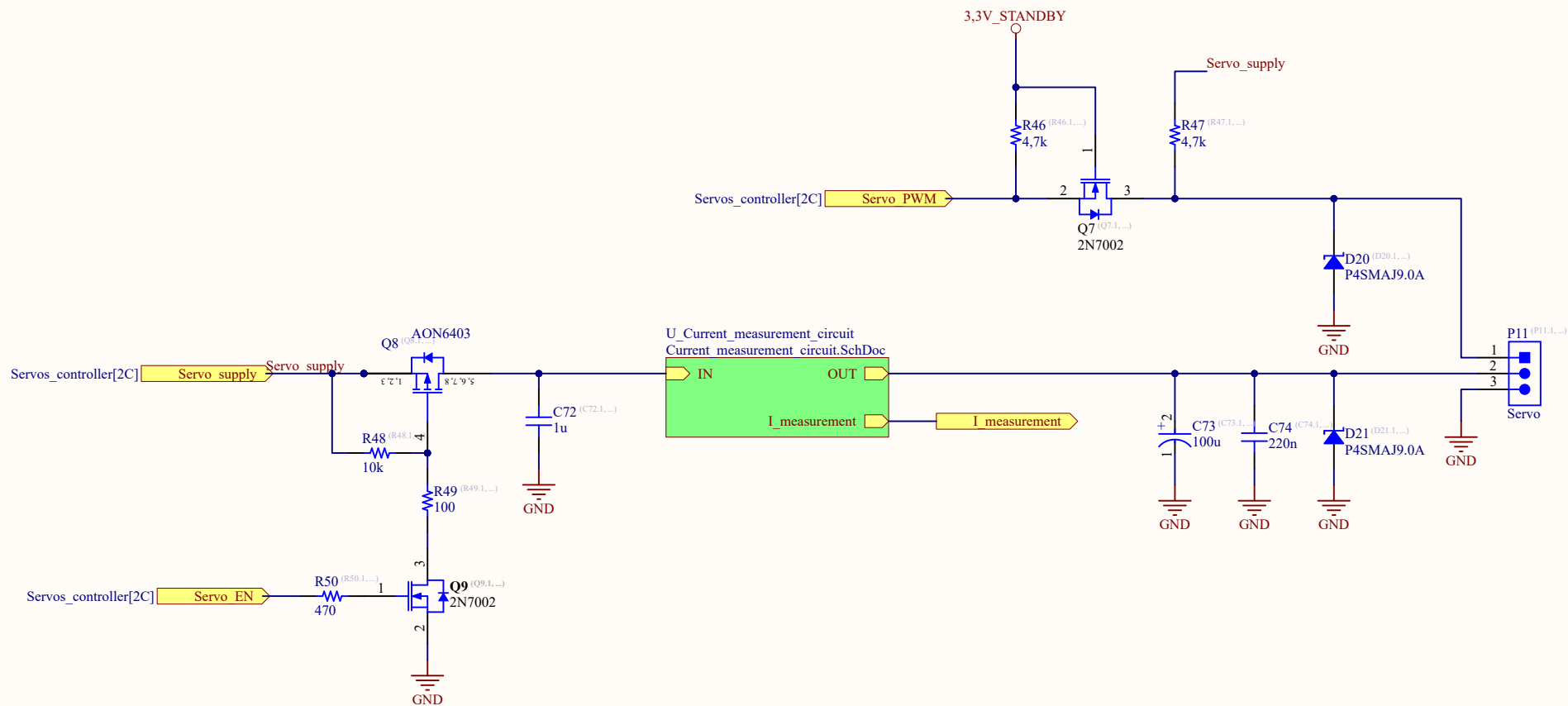


## Servos Enabling GPIO Expander

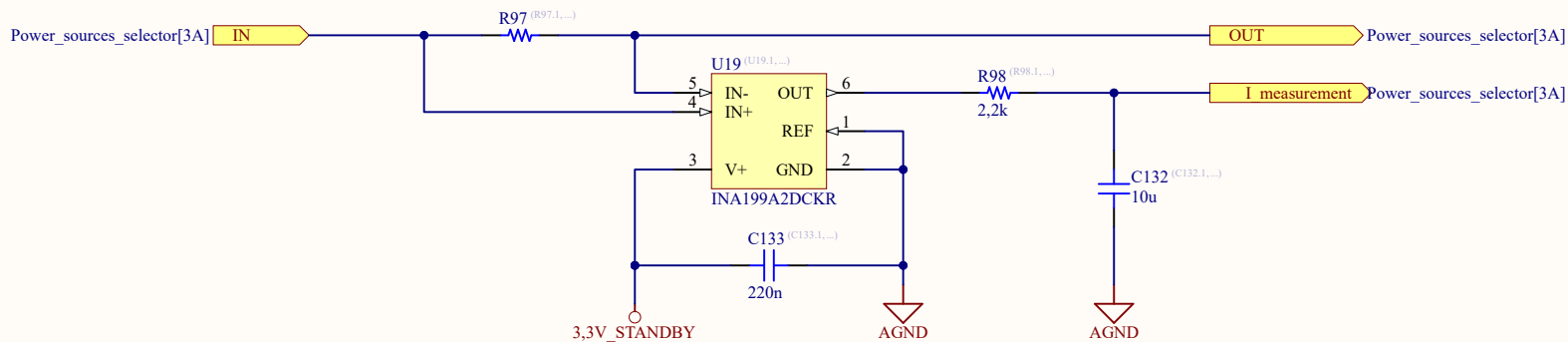


Title		
Elkapod Power Supply: Servos Controller		
Size	Number	Revision
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Date:	7.22.2024	Sheet of
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Title		
Elkapod Power Supply: Servo Controll Module		
Size	Number	Revision
A4		
Date:	7.22.2024	Sheet of
File:	C:\Users\...\Servo control module.SchDoc Drawn By:	



Title		
Elkapod Power Supply: Current Measurement		
Size	Number	Revision
A4		
Date:	7.22.2024	Sheet of
File:	C:\Users\...\Current measurement circuit	Drawn By: