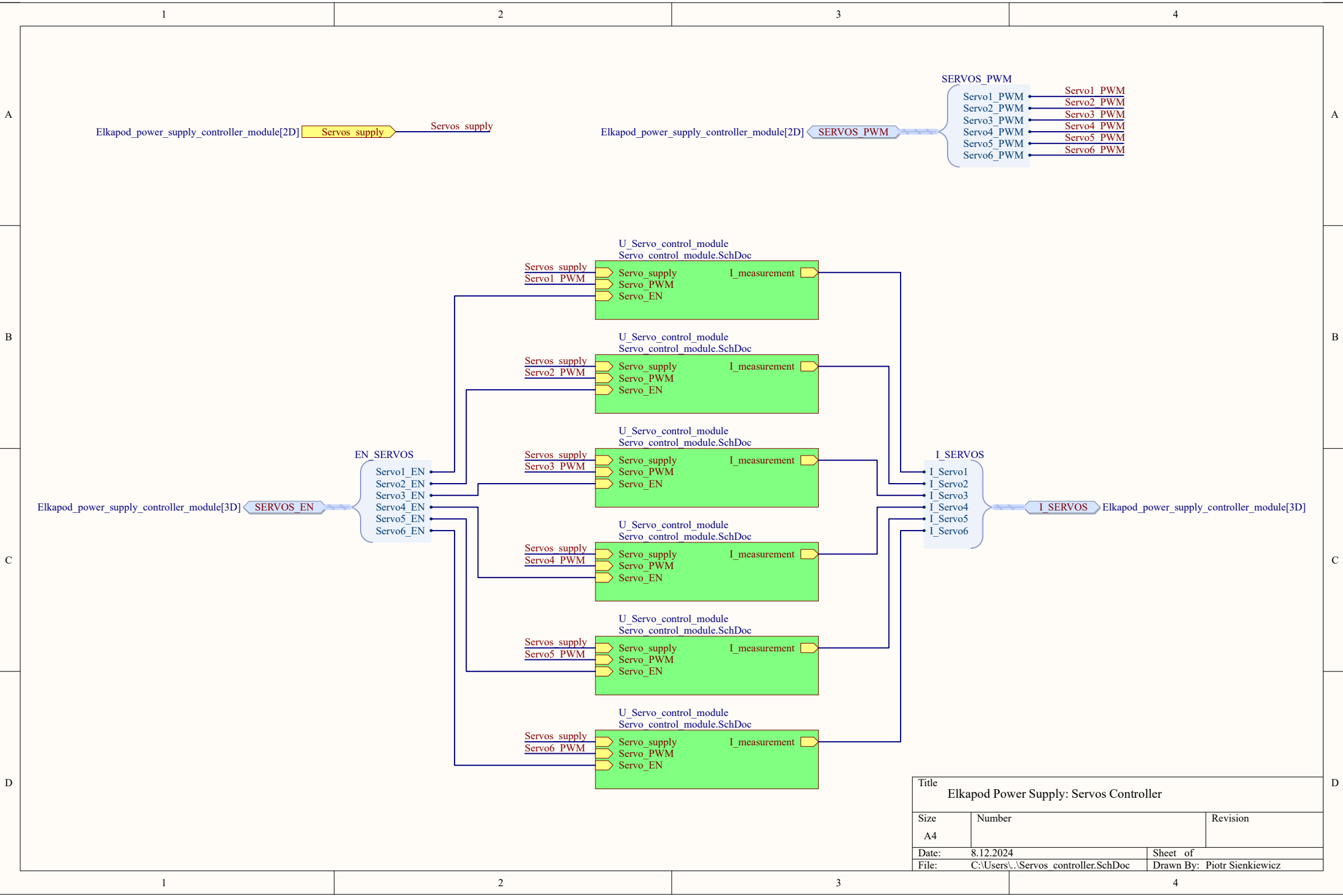
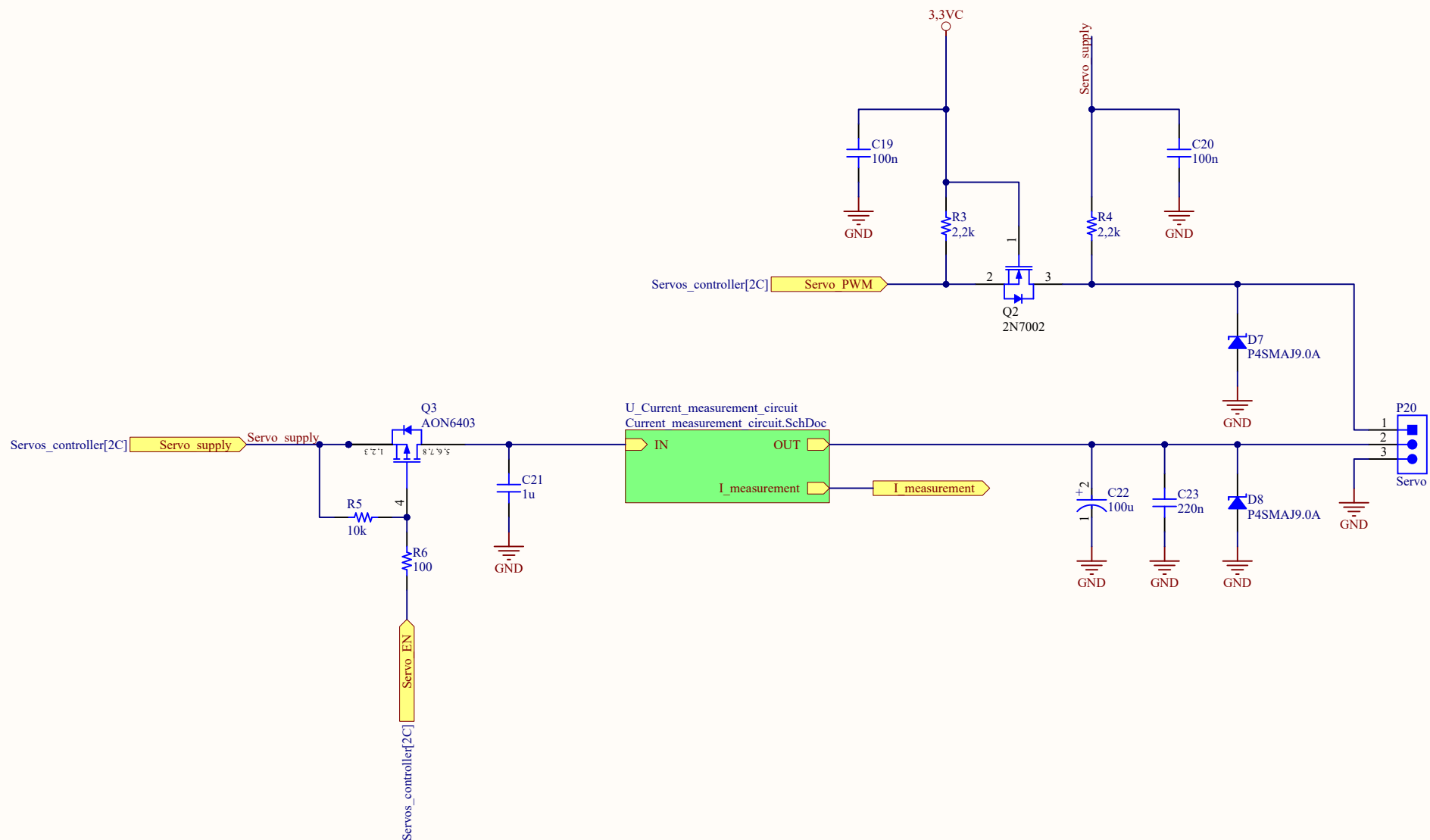


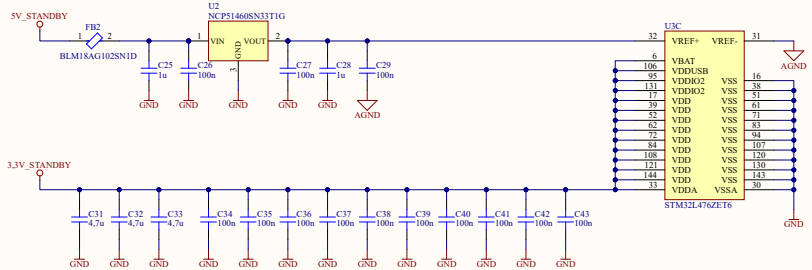
Title Elkapod Power Supply: Controller Module		
Size A2	Number	Revision
Date: 8.12.2024	File: C:\Users\Elkapod\power supply control\Drawings\Bld SchDoc Piotr Sienkiewicz	Sheet of 1



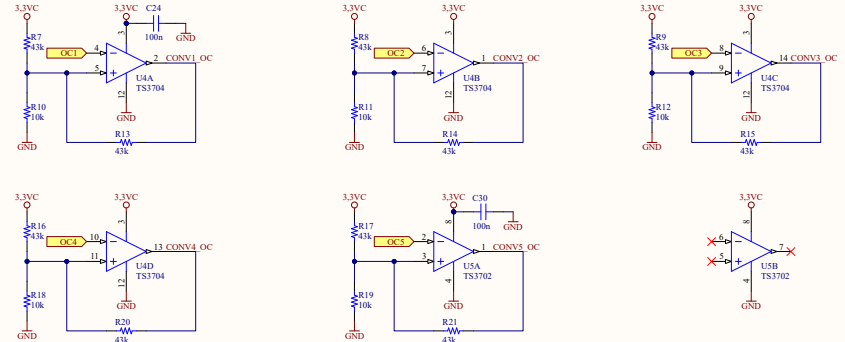


Title		
Elkapod Power Supply: Servo Control Module		
Size	Number	Revision
A4		
Date:	8.12.2024	Sheet of
File:	C:\Users\...\Servo control module.SchDoc	Drawn By: Piotr Sienkiewicz

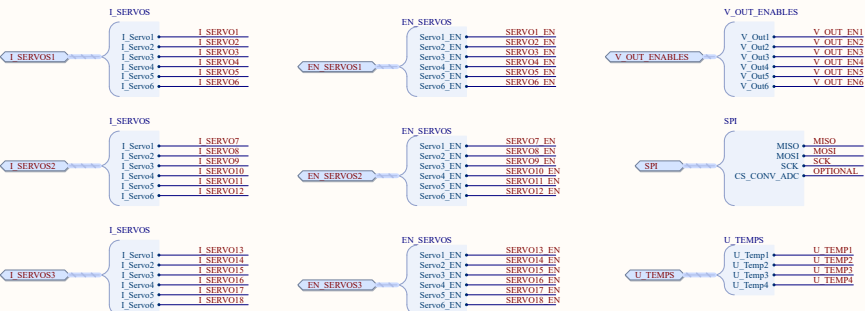
MCU Power Supply



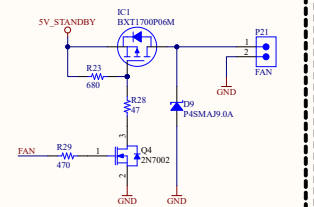
Overcurrent Signals Comparators



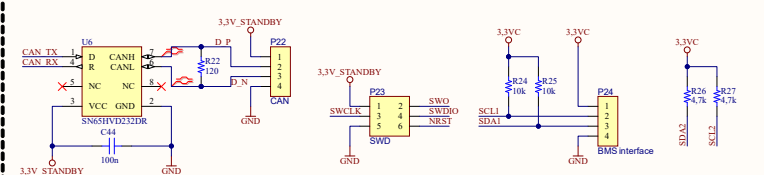
Multi-Sheets Interfaces



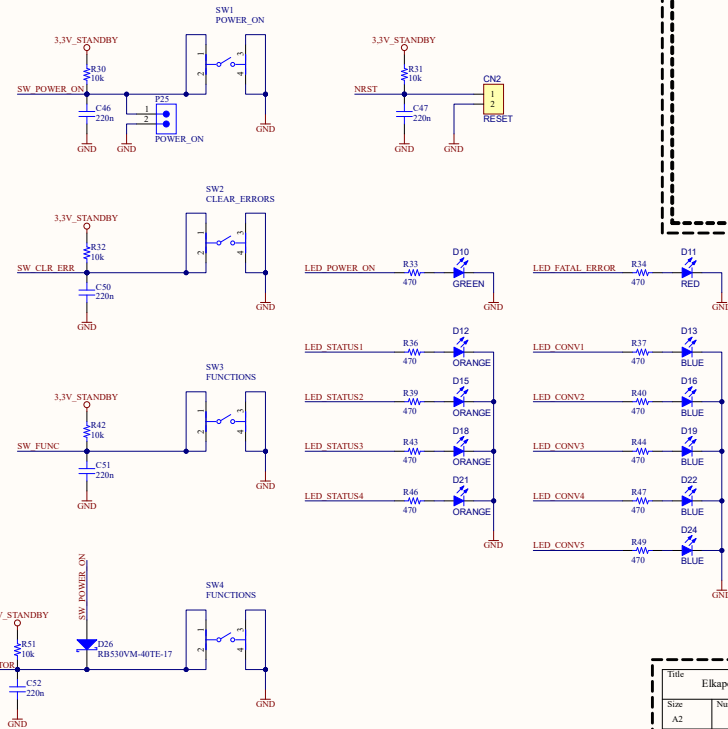
Fan Power Switch



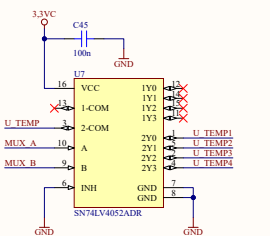
Interfaces



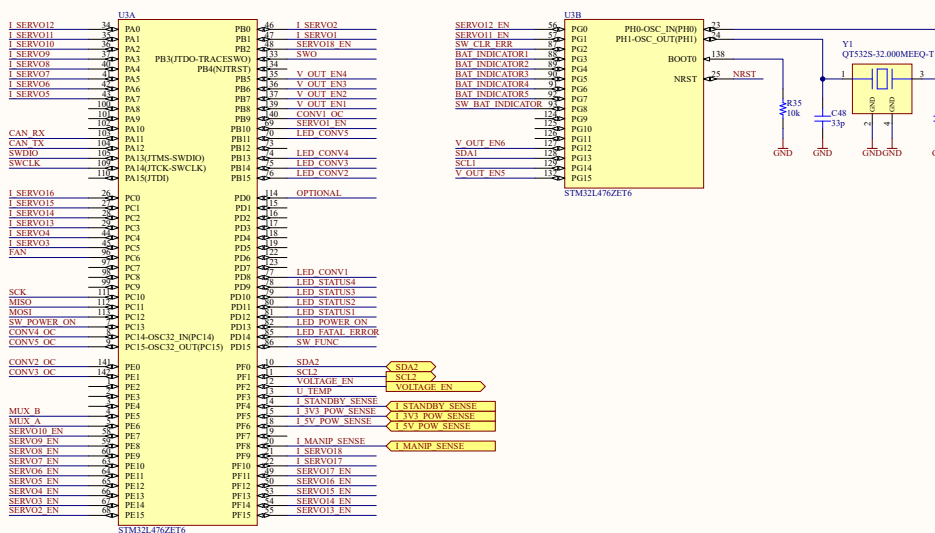
User Interface (Switches and LEDs)



! Analog Temperatures Signals Multiplexer



MCU



Title		
Elkapod Power Supply: Logic Controller		
Size A2	Number	Revision
Date:	8.12.2024	Sheet of
File:	C:\Users\... \Logic_controller_SchDoe	Drawn By: Piotr Sienkiewicz

Elkapod_power_supply_controller_module[6D], Logic_controller[3B]

V_OUT_ENABLES

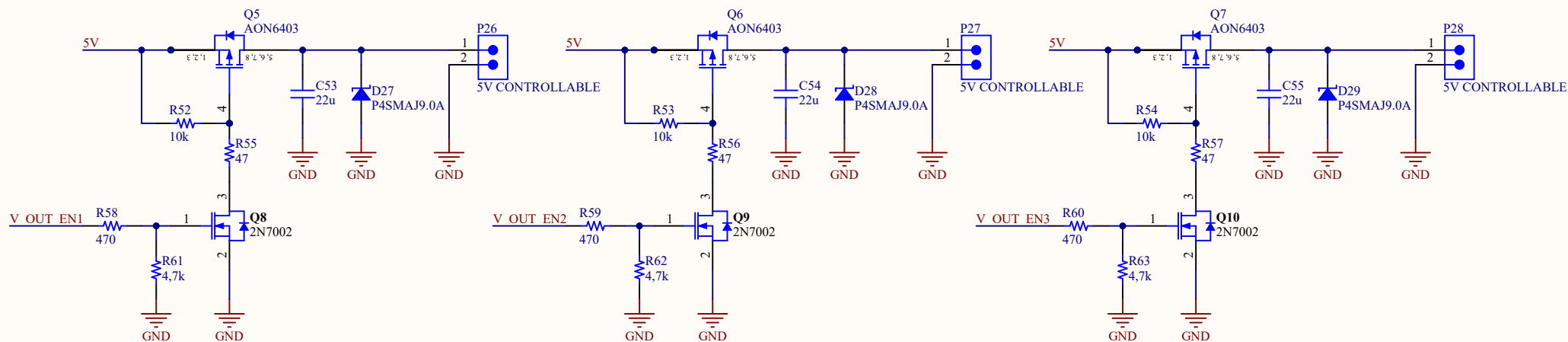
V_OUT_ENABLES

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

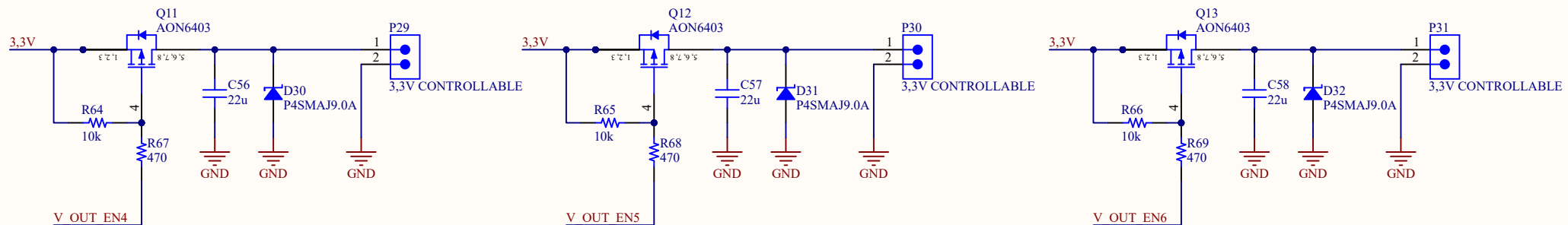
Elkapod_power_supply_controller_module[6D] 5V in 5V

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

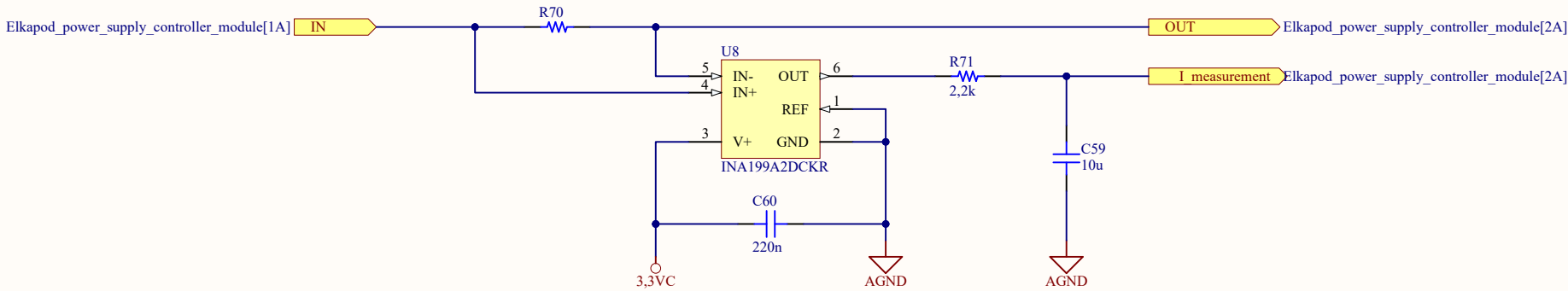
Number

Revision

Date: 8.12.2024

Sheet of

File: C:\Users\...\Controllable voltage outputs, Sch. By: Piotr Sienkiewicz



Title		
Elkapod Power Supply: Current Measurement		
Size	Number	Revision
A4		
Date:	8.12.2024	Sheet of
File:	C:\Users\...\Current measurement circuit	Drawn By: Piotr Sienkiewicz