

generationmake

Sheet: /MCP2515/

File: mcp2515.kicad_sch

Title: CyphalRobotController07/CAN

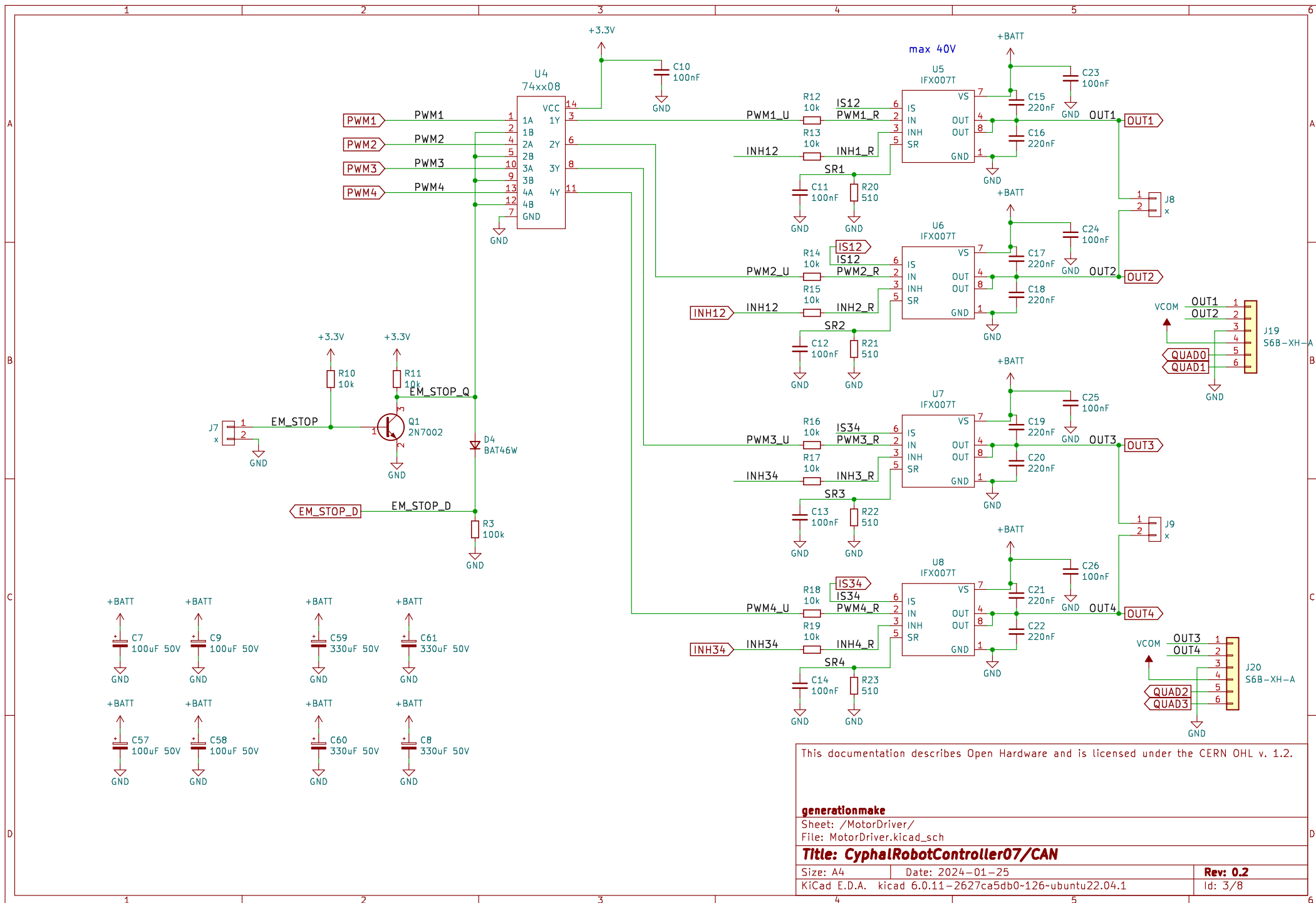
Size: A4

Date: 2024-01-25

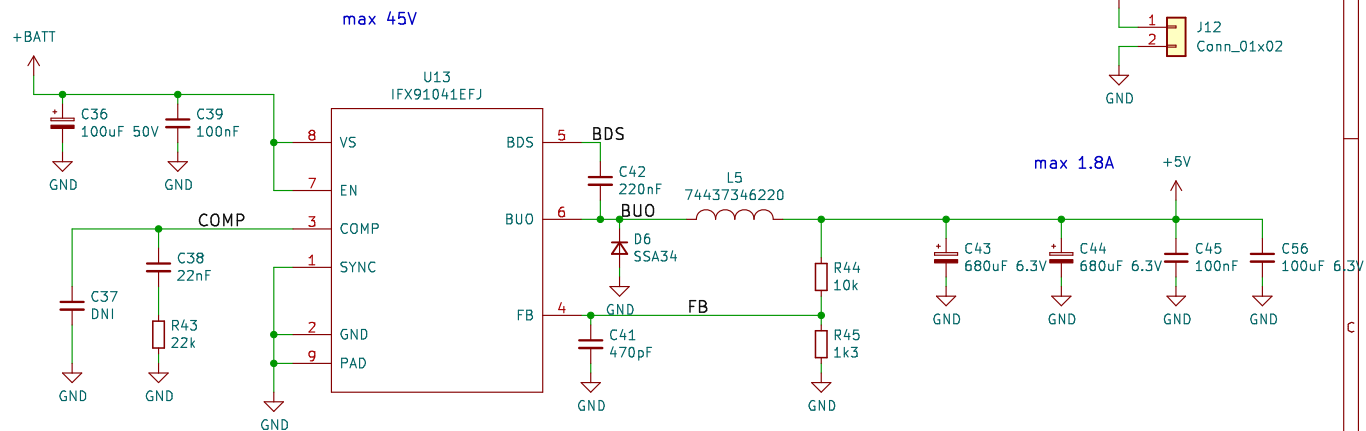
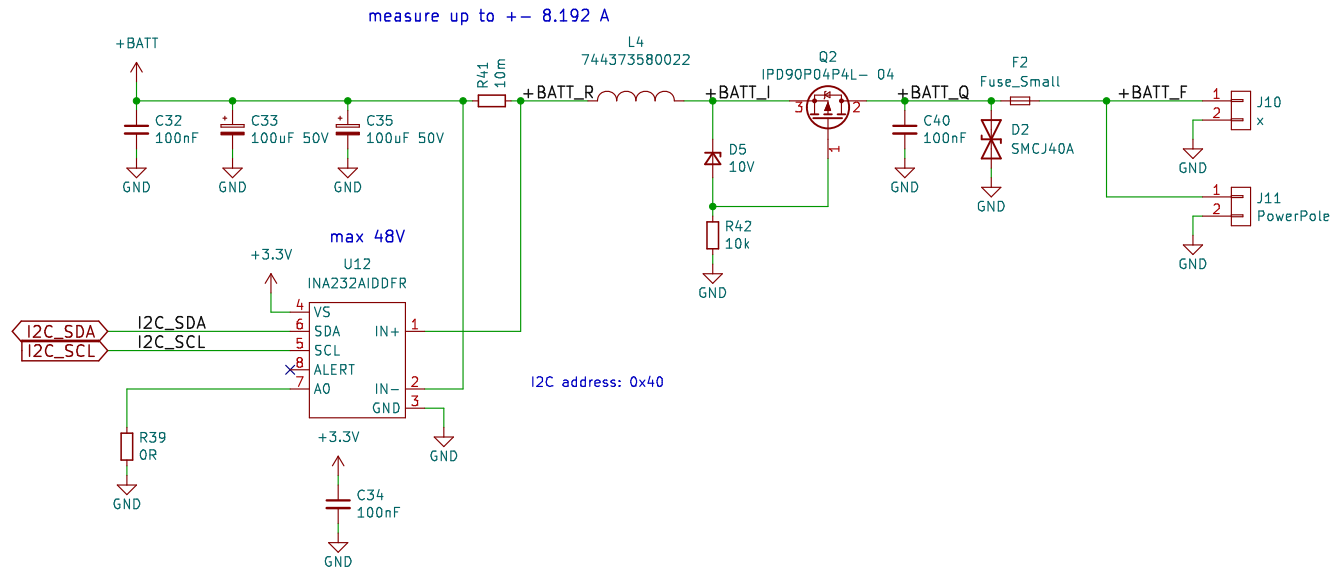
Rev: 0.2

KiCad E.D.A. kicad 6.0.11-2627ca5db0-126-ubuntu22.04.1

Id: 2/8



Id: 4/8



- MECH5 MHP_3.2_5.0
- MECH6 MHP_3.2_5.0
- MECH7 MHP_3.2_5.0
- MECH8 MHP_3.2_5.0
- MECH11 MHP_3.2_5.0
- MECH12 MHP_3.2_5.0

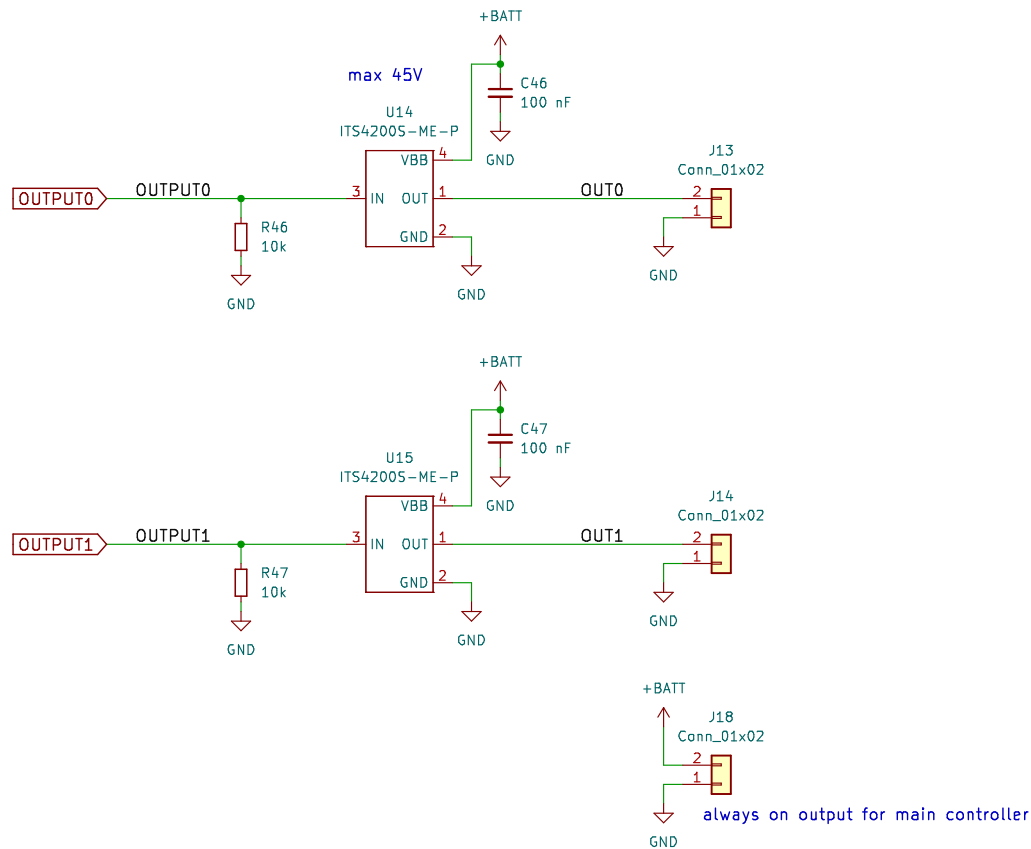
generationmake

Sheet: /VoltageRegulator/
File: VoltageRegulator.kicad_sch

Title: CyphalRobotController07/CAN

Size: A4 Date: 2024-01-25
KiCad E.D.A. kicad 6.0.11-2627ca5db0-126-ubuntu22.04.1

Rev: 0.2
Id: 5/8



generationmake

Sheet: /inout_output/

File: inout_output.kicad_sch

Title: CyphalRobotController07/CAN

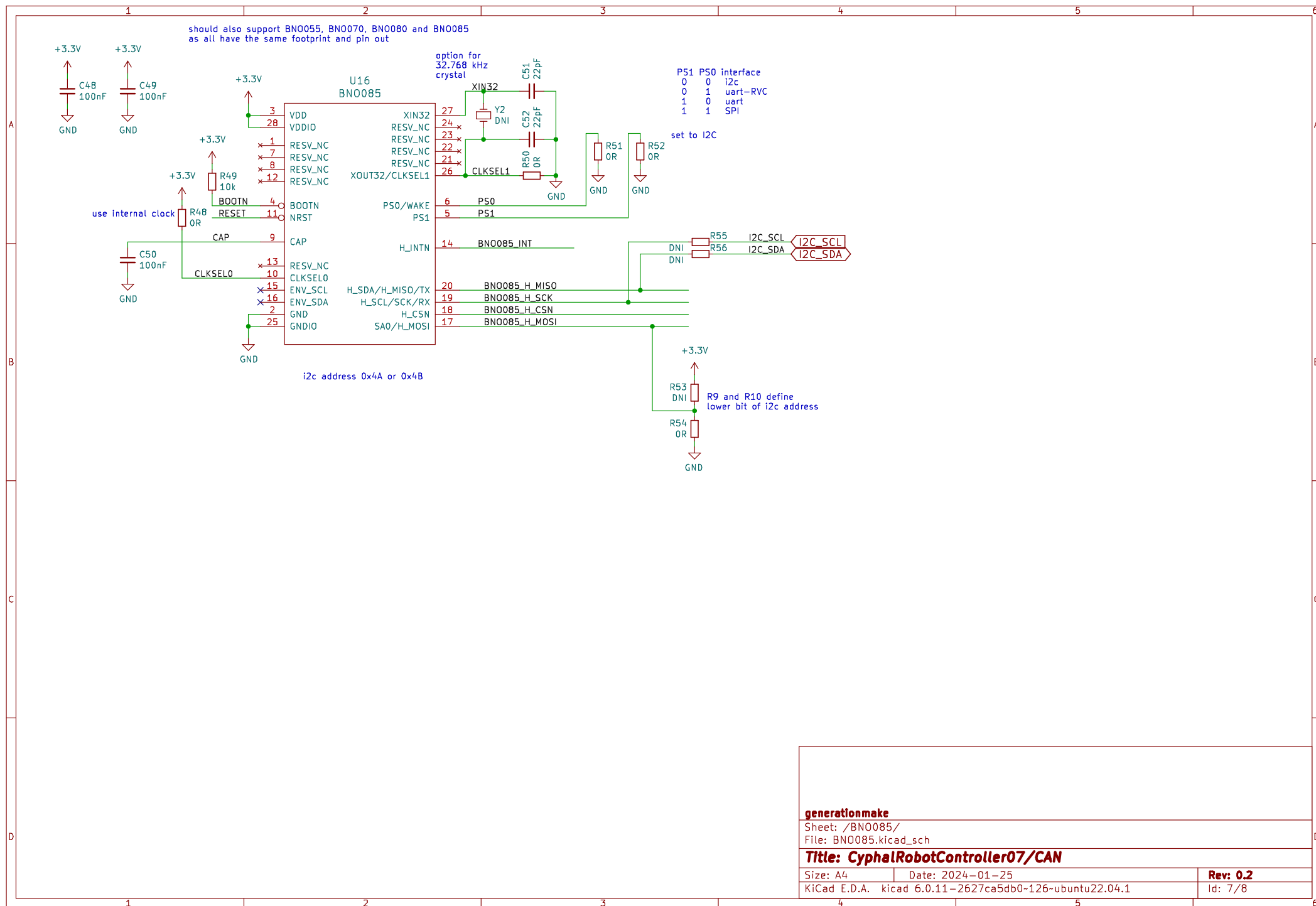
Size: A4

Date: 2024-01-25

Rev: 0.2

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Id: 6/8



	1	2	3	4	5	6
A	0.1	2023-10-01	Bernhard Mayer	initial release		
	0.2	2023-12-03	Bernhard Mayer	combined 3.3V nets		
		2023-12-03	Bernhard Mayer	changed R45 to 1k3		
		2023-12-03	Bernhard Mayer	added weak pull down on EM_STOP_D		
		2023-12-03	Bernhard Mayer	added always on connector for +BATT		
		2023-12-03	Bernhard Mayer	added JST XH connector for motor and encoder		
		2024-01-15	Bernhard Mayer	added level converters on encoder inputs		
		2024-01-21	Bernhard Mayer	used raspberry pi pico with headers		
		2024-01-21	Bernhard Mayer	added protection on CAN		
		2024-01-21	Bernhard Mayer	added tvs diode on input		
B		2024-01-21	Bernhard Mayer	replaced tantal with electrolytic capacitors		
		2024-01-22	Bernhard Mayer	replaced INA226 by INA232 to support up to 40V		
		2024-01-22	Bernhard Mayer	connected current sense output to analog in of RP2040		
C						
D						
	1	2	3	4	5	6

generationmake

Sheet: /History/
File: History.kicad_sch

Title: **CyphalRobotController07/CAN**

Size: A4

Date: 2024-01-25

Rev: **0.2**

KiCad E.D.A. kicad 6.0.11-2627ca5db0-126-ubuntu22.04.1

Id: 8/8