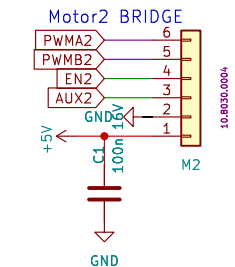
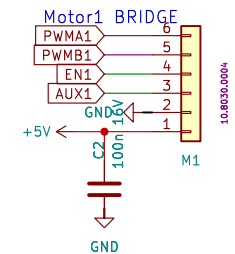
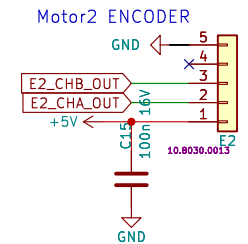
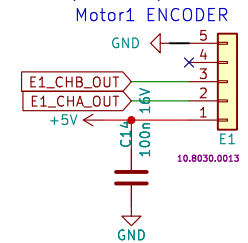


AMT102-V  
Supply: 5V  
CMOS sink/source per channel : 2mA  
Max Speed: 15000rpm @ 512cpr = 7.68Mhz!!



Mauro Soligo

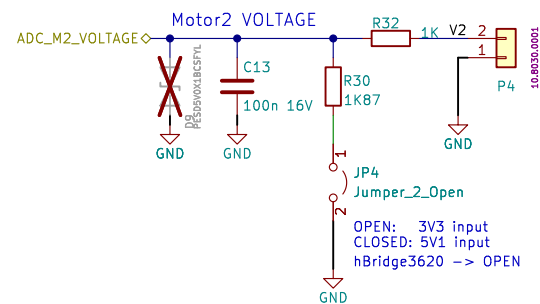
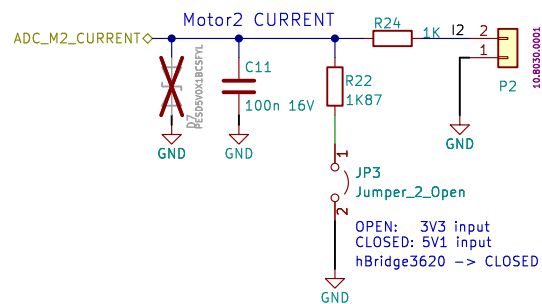
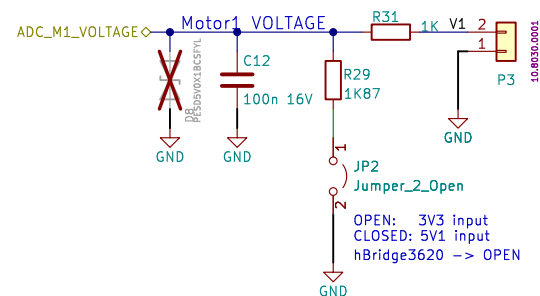
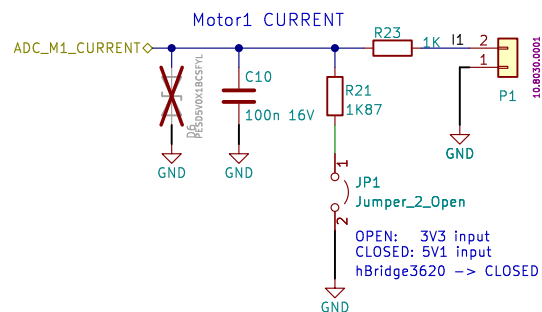
Sheet: /MOTOR/  
File: motor.kicad\_sch

**Title: pNav32 Proto Board**

Size: A4 Date: 2022-12-28  
KiCad E.D.A. kicad 7.0.10-7.0.10-ubuntu22.04.1

Rev: 1.0  
Id: 2/5





Mauro Soligo

Sheet: /Analog/

File: Analog.kicad\_sch

Title: pNav32 Proto Board

Size: A4

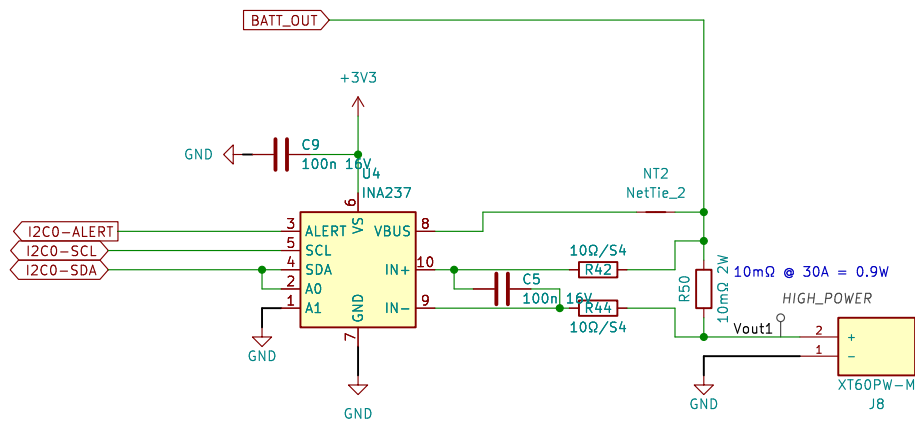
Date: 2022-12-28

KiCad E.D.A. kicad 7.0.10-7.0.10-ubuntu22.04.1

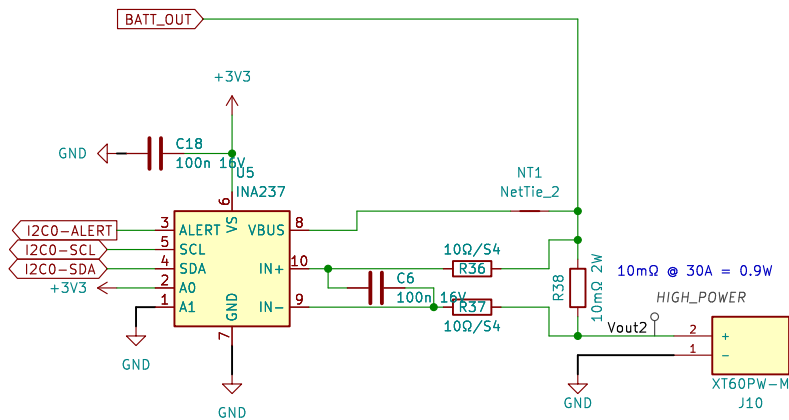
Rev: 1.0

Id: 4/5

I2C0-SDA  
I2C0-SCL  
I2C0-ALERT



A1	A0	SEC. ADDRESS	AVAILABLE
GND	GND	1000000	64 (MAIN)
GND	VS	1000001	65 (MOTOR1)
GND	SDA	1000010	66 (MOTOR2)
GND	SCL	1000011	
VS	GND	1000100	
VS	VS	1000101	
VS	SDA	1000110	
VS	SCL	1000111	
SDA	GND	1001000	
SDA	VS	1001001	
SDA	SDA	1001010	
SDA	SCL	1001011	
SCL	GND	1001100	
SCL	VS	1001101	
SCL	SDA	1001110	
SCL	SCL	1001111	



Mauro Soligo

Sheet: /PowerOut/

File: powerout.kicad\_sch

Title: pNav32 Proto Board

Size: A4

Date:

KiCad E.D.A. kicad 7.0.10-7.0.10-ubuntu22.04.1

Rev: 1.0

Id: 5/5