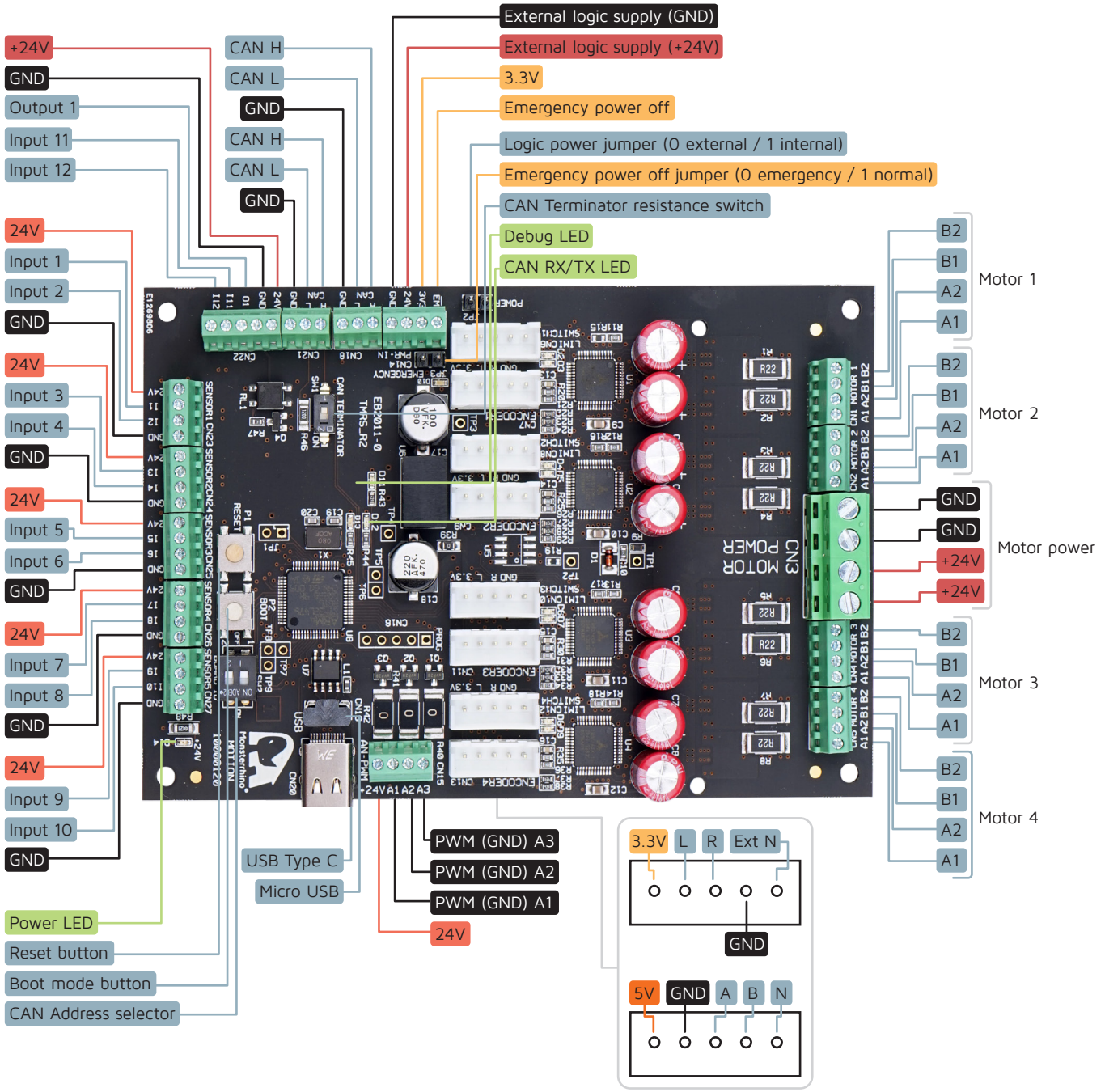
MONSTERRHINO MOTION



+24V 24V 5V 3.3V Ground LED Others

Last update: 15/02/2021

MONSTERRHINO MOTION

PIN	DESC	INPUT HIGH	INPUT LOW	OUTPUT HIGH	OUTPUT LOW	CONNECTOR	CARD LABEL	
I	Digital Input	24VDC;0.2mA	0V;5mA	-	-	CN22-27	I(1-12)	
O	Digital Output	-	-	24VDC/1A	0V	CN22	O1	
A	Analog Output	-	-	10.9mA@24VDC; 2.2mA@5VDC	-	CN15	A(1-3)	
A_PWR	Analog Out Power	-	-	5VDC/1A	-	CN15	24V	
M_A1	Motor coil A	-	-	1A(5A)@24V	-	CN1,2,4,5	A1	
M_A2	Motor coil A	-	-	1A(5A)@24V	-	CN1,2,4,5	A2	
M_B1	Motor coil B	-	-	1A(5A)@24V		CN1,2,4,5	B1	
M_B2	Motor coil B	-	-	1A(5A)@24V	-	CN1,2,4,5	B2	
LS_PWR	Limit switch power	-	-	5VDC/1A	-	CN6,8,10,12	3.3V, GND	
LS_IN1	Limit switch 1	open drain (3.3VDC)	0VDC	-	-	CN6,8,10,12	R	
LS_IN2	Limit switch 2	open drain (3.3VDC)	0VDC	-	-	CN6,8,10,12	L	
ENC_PWR	Encoder Power	-	-	5VDC/1A	-	CN7,9,11,13	-	
ENC_IN	Encoder Input	3.3VDC	0VDC	-	-	CN7,9,11,13	-	
IN_24VDC_M	Power IN motor	24VDC;2A	-	-	-	CN9	„+, +, -, -“	
IN_24VDC_CTRL	Power IN control	24VDC;2A	-	-	-	CN14	24V,GND	
OUT_24VDC_SENS	Power OUT signal	-	-	24VDC;1.5A	-	CN22-27	24V,GND	
CAN_H	CAN high	3.3VDC	0VDC	-	-	CN18,CN21	H,H	
CAN_L	CAN low	3.3VDC	0VDC	-	-	CN18,CN21	L,L	
EM	Emergency switch NC	open drain (3.3VDC)	0VDC	-	-	CN14	EM,3V3	
CAN_TERM	CAN terminator resistor	-	-	-	-	SW1	Can termination resistor	active = 1
BOARD_ID	Board id	-	-	-	-	SW2	ID address	00->11=3->6
RESET	Reset button	-	-	-	-	P1	Pushed active	
BOOT	Boot button	-	-	-	-	P2	Pushed active	
USB	Usb port x2	-	-	-	-	CN20,CN19	Type C, Micro	