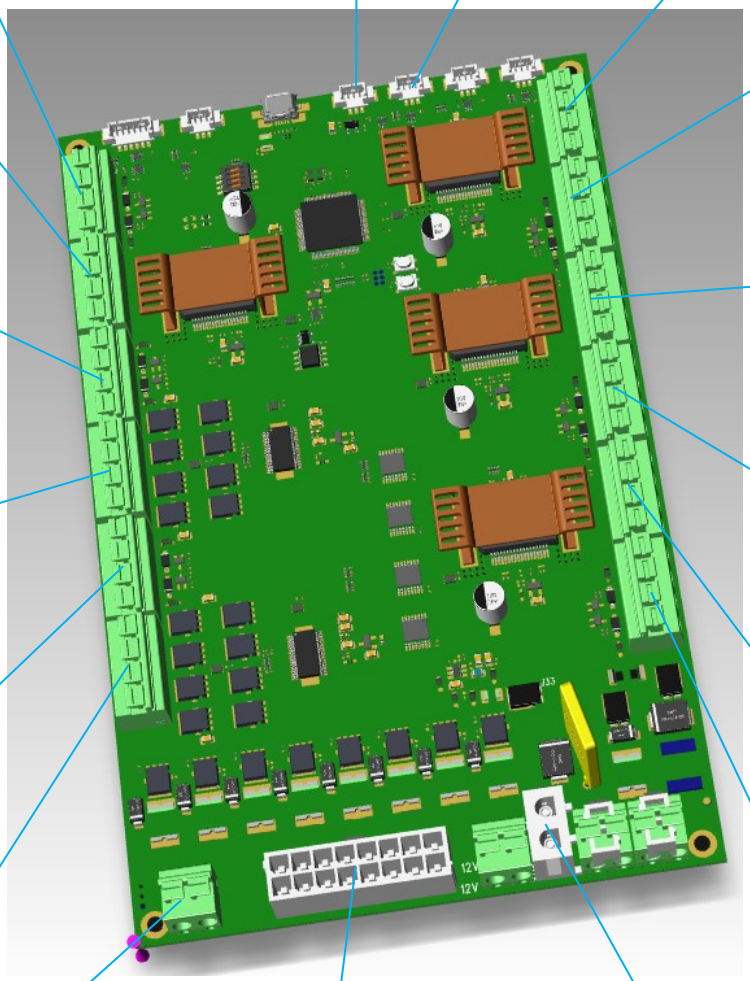
USBHID BoardLEDs

multiple IOs and stepper motor manager



GND	GPO0	GPI0	GND	GND	GPO1	GPI1	
GPI9							MOTOR2_2B
GND							MOTOR2_1B
GPI8							MOTOR2_2A
							MOTOR2_1A
MOTOR3_2B							
MOTOR3_1B							GND
MOTOR3_2A							GPI7
MOTOR3_1A							GND
							GPI6
TBD							
TBD							MOTOR1_2B
TBD							MOTOR1_1B
TBD							MOTOR1_2A
							MOTOR1_1A
TBD							
TBD							GND
TBD							GPI5
TBD							GND
							GPI4
TBD							
TBD							MOTOR0_2B
TBD							MOTOR0_1B
TBD							MOTOR0_2A
							MOTOR0_1A
TBD							
TBD							GND
TBD							GPI3
TBD							GND
							GPI2
GND	GND						

PWM0	PWM1	PWM2	PWM3	PWM4	PWM5	PWM6	PWM7	VDC (24V)
VIN	VIN	VIN	VIN	VIN	VIN	VIN	VIN	GND

Specifications

Dimensions	114 x 180 mm
Weight	max 50g
Operating temperature	0 to +70°C
Power consumption	max 120W
GPO	2
GPI	10
PWM	8
Stepper motor	4 (+2 on request)

Power supply

USB	4.5 to 5.5V (max 1A)
Vin	4.5 to 12V (max 120W)
Vin motor	12 to 24V (max 120W)

Features

Script engine	Board is driven by an intuitive scripting system editable with any text editor, allowing powerful synchronization between all your signals
Headless use (optional)	An EEPROM and a switch can be used to save and select the scripts to execute, allowing the board to work without the need of a computer