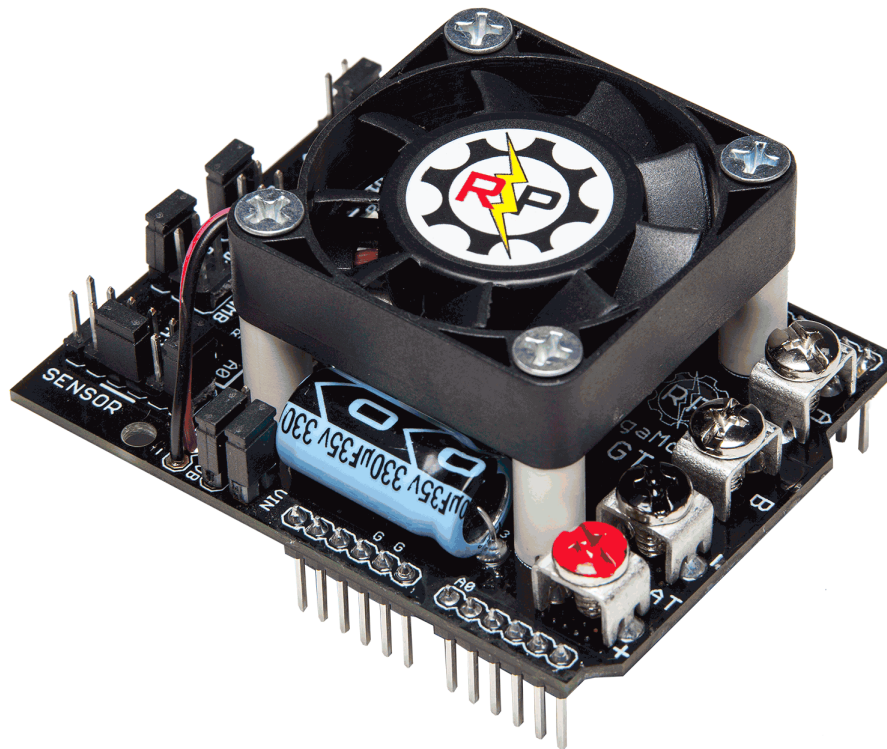


## LC-81

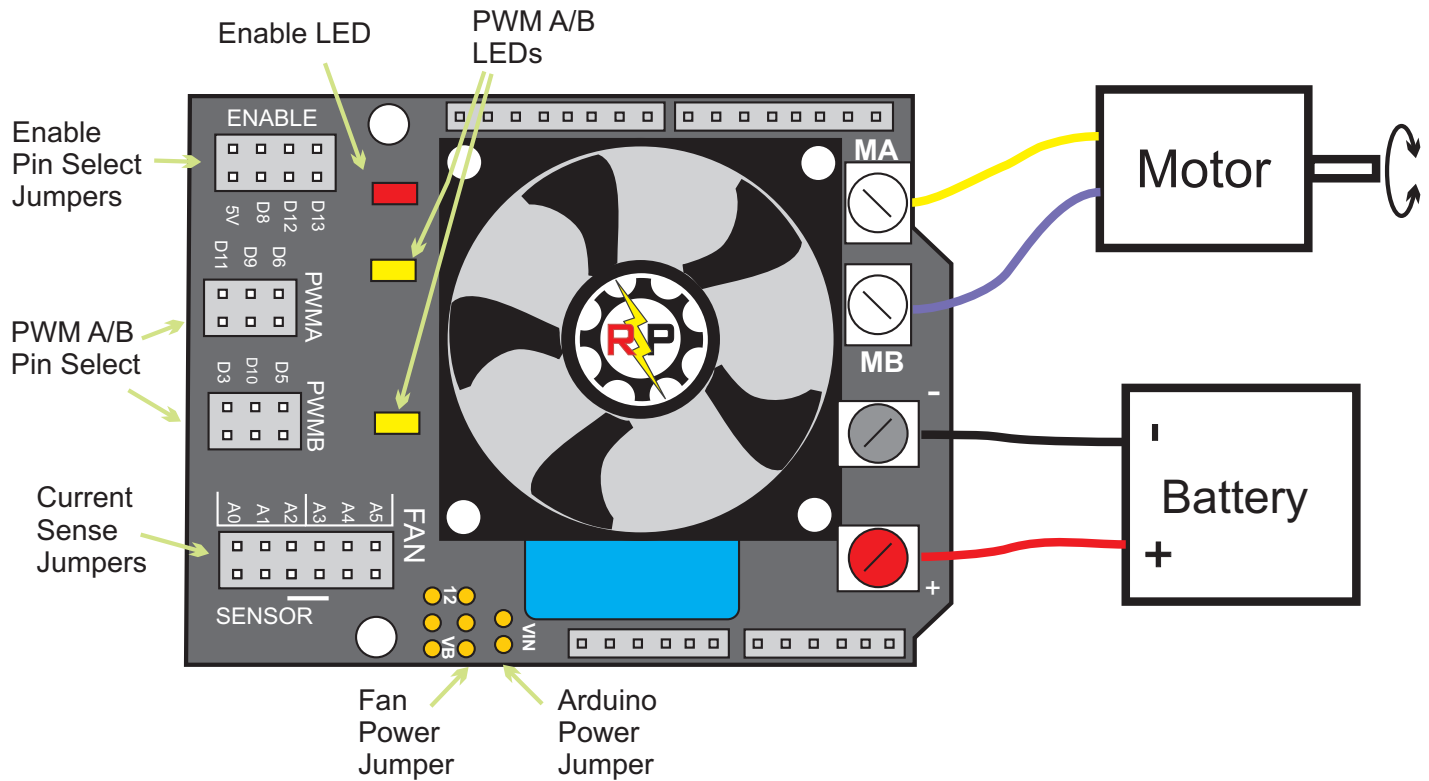
## User Manual



<b>Input Voltage</b>	6V - 35V (28V Max Battery Rating)
<b>Output Current (Continuous)</b>	35A
<b>Output Current (Surge)</b>	50A + 5 seconds
<b>Power MOSFETs</b>	2 ea. BTN8982
<b>PWM Frequency</b>	DC to 20kHz
<b>Logic Interface</b>	3V-5V (Minimum 2 pins required)
<b>Logic Inputs</b>	Jumper select Enable, PWM source
<b>Current Sense Outputs</b>	0.051V per Amp - 2.55V at 50A
<b>Current Sense Pins</b>	Jumper select the analog input connected
<b>Current and Temp Limiting</b>	Built into power chips
<b>Power Connectors</b>	4 each metal screw terminals for crimp-on terminals
<b>Weight</b>	0.15 lbs



## MegaMoto *GT* Motor Control for Arduino



### Setup

- Place jumpers to select Enable and PWM sources
- Optional: place jumpers to select current sense pins
- Arduino power jumper powers Arduino from battery
- Fan can be powered by either 12V reg or battery