

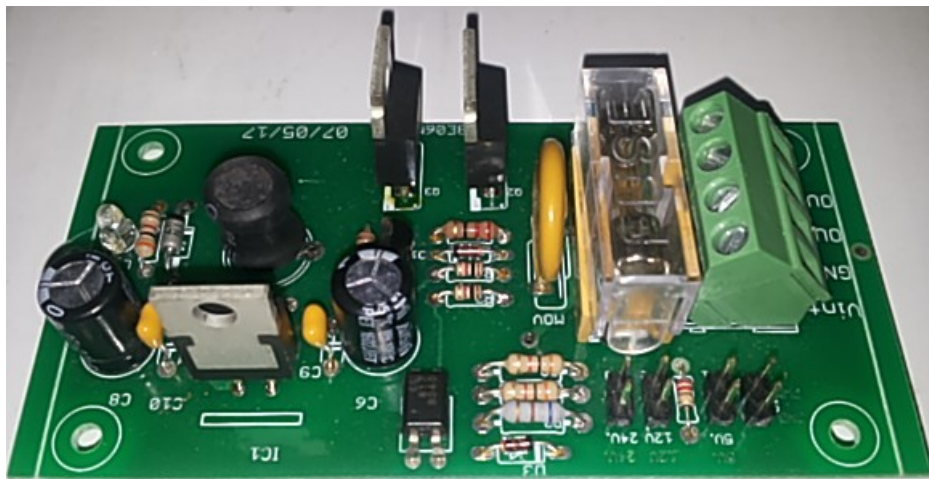
Power Light and Wireless

An Open-AVL Limited Company

8 amp dimmer / motor controller with 5, 12, or 24 volt PWM control: *Controller-8*

Features

- Controls lights and motors up to 8 Amps.
- Works with 5, 12 or 24 Volt PWM signals for both local or to **achieve long distance control** with just two wires.



Description

Our 8 Amp dimmer / motor controller can be controlled by 5, 12 and 24 Volt PWM. The unit can work directly with an Arduino or Raspberry Pi 5V PWM output, or you can use our **PWMA-53** amplify the 5V PWM signal to 12 to 24 Volt PWM to **achieve long distance control**. Great for outdoor lighting control or irrigation pumps, fan motor control.

Specifications

Interface connectors Aduino, Raspberry Pi or any other device with 3V or 5V PWM output.	Typical breadboard jumper wires and standard guage wires to transmit the pulse.
Dimensions	86.36 x 45.72 x 26mm (35mm with heatsinks)
Operating Temperature	-20 to 70 °C
Storage Temperature	-40 to 85 °C
Relative Humidity	95%, non-condensing
Warranty	12 months

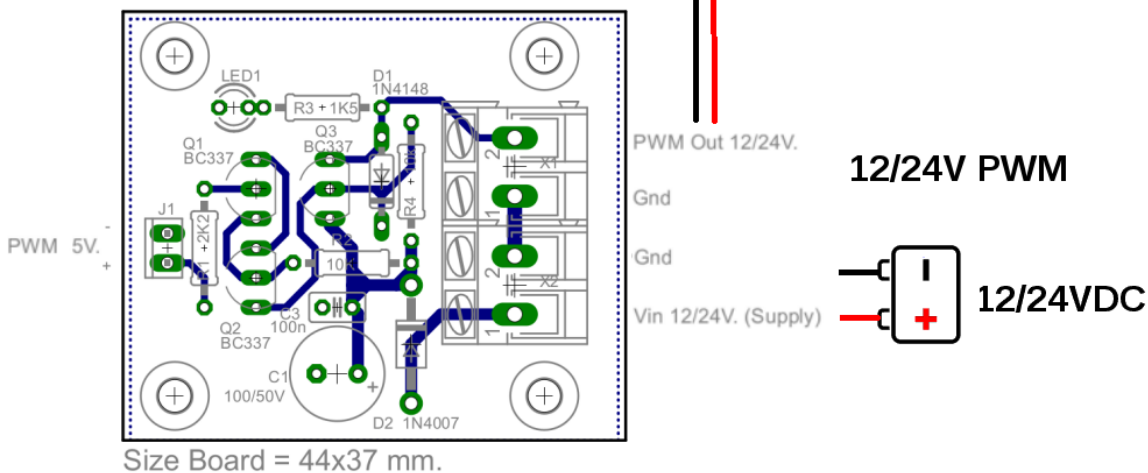
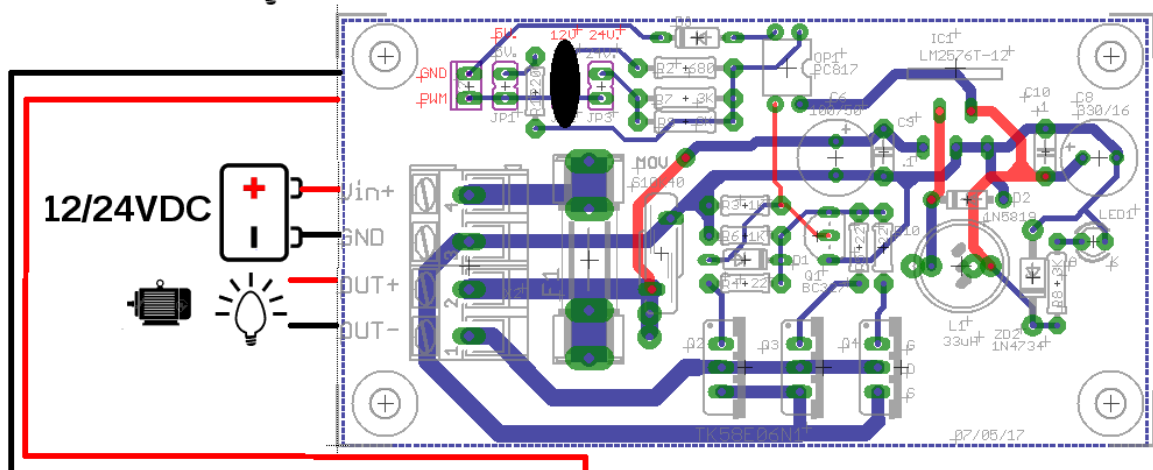
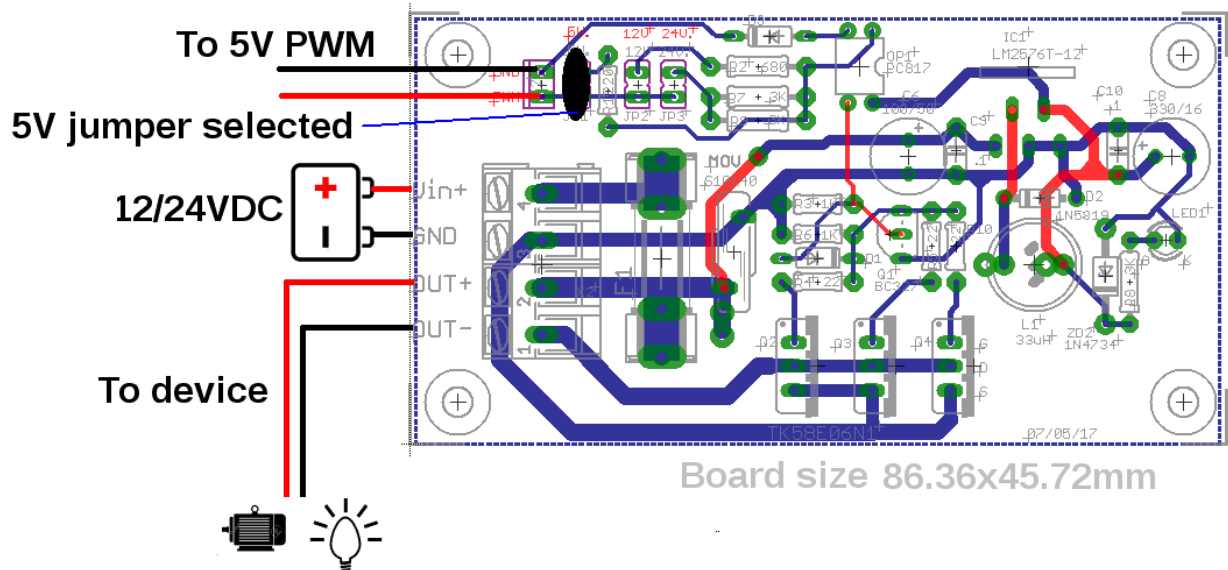
Contact information

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Manual on next page.

****Be very careful when selecting the PWM voltages (5, 12, and 24 Volts) on the Contrller8. Be sure to select the correct voltage JUMPER. There are three. On for each PWM Voltage. Also, check the current draw and heat. Ventilate and cool if needed. MOSFETS should not operate over 70°C .**



The amplifier has no jumper selected options. Supply with either 12 or 24 VDC. The control or PWM Voltage has nothing to do with the driving voltage on the Contrller8, so you can use 24V PWM on a Contrller8 running 12V and the reverse is true also.