



LP PWM6

PWM LED DRIVER

PRODUCT HIGHLIGHTS

PWM6 IS A HIGH SPECIFICATION LOW PROFILE 6-CHANNEL LED DRIVER WHICH CONTROLS LED STRINGS OR COBS USING PULSE WIDTH MODULATION. THE OUTPUTS HAVE CLOSED-LOOP POWER CONTROL TO ALLOW COMPENSATION OF LED FORWARD VOLTAGE AND SUPPLY VOLTAGE VARIATIONS, AND ALSO FEATURES SHORT-CIRCUIT PROTECTION.

There is an onboard microprocessor which allows flexible addition of advanced features such as DMX and RDM control, and monitoring of operating temperature

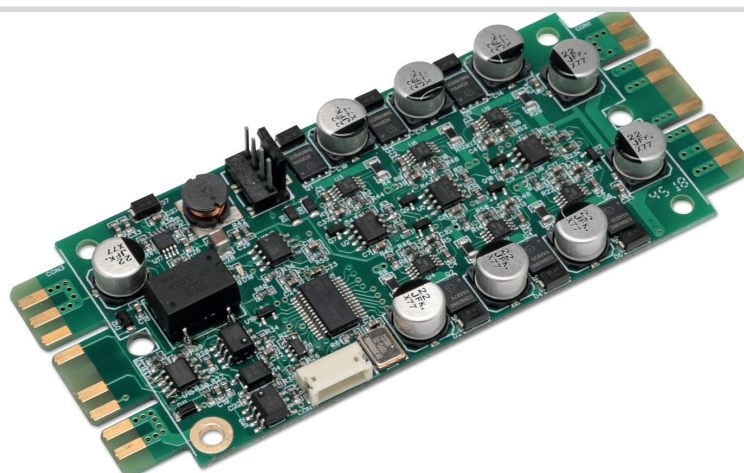
and supply voltage. The product has full optically isolated serial data reception and transmission for safe and reliable communication with a host controller

using a variety of standard protocols. An industry-standard 4-wire fan connector is provided to supply power, speed control, and fan monitoring.

All this is packed into an impressive 9mm high package. The driver can operate with an input voltage in the range 24-48V.

MAIN FEATURES

- 6 OUTPUT CHANNELS
- 5 AMPS PER OUTPUT
- INPUT VOLTAGE RANGE 24-48V DC
- CLOSED-LOOP POWER CONTROL
- LOW PROFILE



SPECIFICATIONS

Input Voltage Range	24-48V DC	Control Type	PWM
Number of Outputs	6	Max Ambient Temperature	Programmable Level
Max Current per Output	5A	Weight	50g/1.75oz
Max Output Power	672W	Length	114mm/4.5"
Output LED Voltage Range	24-48V	Width	48mm/1.9"
		Height	(excluding fan connector) 9mm/0.35"

CONTACT

POWER GEMS LTD
Unit 1, Fairhills Trade Centre
Fairhills Road
Irlam
Manchester
M44 6BA
United Kingdom
Tel +44 (0) 161 776 7030

POWER GEMS CORPORATION
26320 Diamond Pl., Suite 180
Santa Clarita
California 91350
USA
Tel +1 818 376 1800

www.powergems.com