

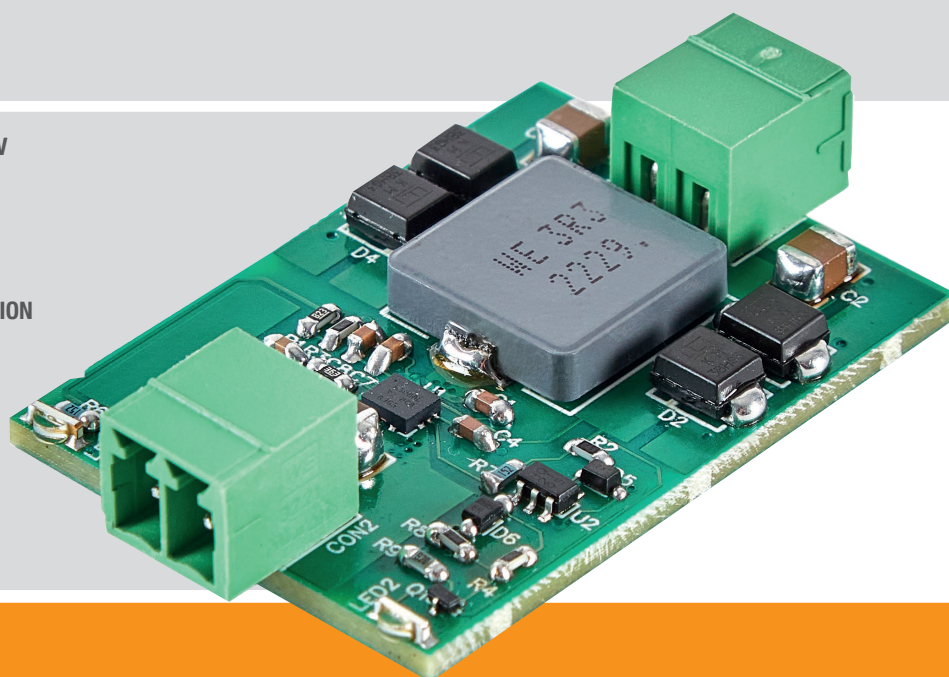


GEMboost pure

COMPACT 2.5-6V TO 12V BOOSTER

MAIN FEATURES

- INPUT VOLTAGE RANGE 2.5-6V
- INPUT CURRENT 6A MAX
- OUTPUT 12V
- INPUT AND OUTPUT PROTECTION



PRODUCT HIGHLIGHTS

GEMboost IS DESIGNED TO ALLOW 12V LEDS OR LED RIBBON TO BE POWERED FROM A CONVENIENT USB POWER BANK OR LI-ION CELL FOR THOSE OCCASIONS WHEN A MAINS PSU OR 12V BATTERY ISN'T AVAILABLE.

The unit will operate all the way down to 2.5V, so a single Li-Ion cell is sufficient in compact applications

such as building into props. The pure version of GEMboost comes without an enclosure to achieve the smallest

possible size. The circuit has protection against excessive input voltage, output current, and temperature.

SPECIFICATIONS

Maximum Input Current	6A	Output Connectors	Pluggable Screw Terminal
Input Voltage Range	2.5-6V	Max Ambient Temp	50°C/122°F
Output Voltage	12V	Width	28mm/1.1"
Protection	Current, Voltage and Temperature	Depth	46mm/1.8" (inc. terminals)
		Height	11mm/0.45" (inc. terminals)
		Weight	15g/0.5oz

CONTACT

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