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Product Information

REGS0004 Voltage Regulator

features

- Switchmode Regulator**
- High Efficiency**
- 12-28 VDC Input**
- 5-20 VDC Output**
- 2 Amp Maxmum Current**
- Reverse Polarity Protection**



description

The REGS0004 is a switching regulator that can be used to efficiently reduce 12 or 24 VDC supply voltages to a lower voltage. The regulator switches at 150 KHz. resulting in reduced inductor sizes.

The output voltage can be set to any value between 1.5 and 20 VDC by setting the value of a single resistor.

Reverse input polarity as well as output short circuit protection is included in the design.

specifications

Input Voltage	8 to 28 VDC
Ouput Voltage	1.5 to 20 VDC
Maximum Output Current	2 ADC
Switching Frequency.	150 KHz.
Width	3 inches (78mm)
Depth.	2.3 inches (58mm)
Height	1.4 inches (35mm)

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