

LM2596 DC-DC Adjustable PSU Module



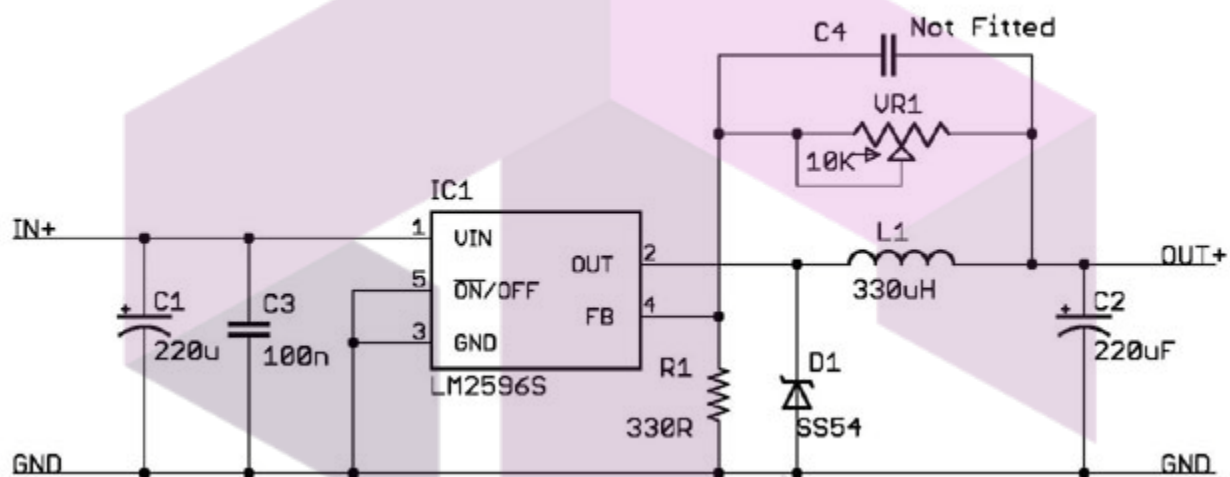
LM2596 DC to DC step down regulator, adjustable +1.23 to 35vdc output, 2A. Ideal for battery operated projects requiring a regulated powersupply.

Specifications

Regulator Type:	Step Down (Non Isolated input to Output)
Input Voltage:	+4 to 40vdc
Output Voltage:	+1.23 to 35vdc
Output Current:	2A rated, (3A maximum with heatsink)
Efficiency:	Up to 92% (when output voltage is set high)
Switching Frequency:	150kHz
Dropout Voltage:	2vdc minimum
Protection:	Short circuit current limiting
Load Regulation:	+/- 0.5%
Voltage Regulation:	+/- 2.5%
Temperature:	-40 to +85 deg C (output power less than 10Watts)
Board Size:	43.6mm L x 21mm W x 14mm H
Data Sheet:	National LM2596

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