



LM2596 DC-DC Adjustable Step-down (Buck) Converter for Arduino

Overview

LM2596 DC to DC step down regulator, adjustable +1.25 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:	3.2 to 40 VDC
Output Voltage:	1.25 to 35 VDC
Output Current:	3A maximum
Efficiency:	Up to 92%
Switching Frequency:	65kHz
Dropout Voltage:	2 VDC 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