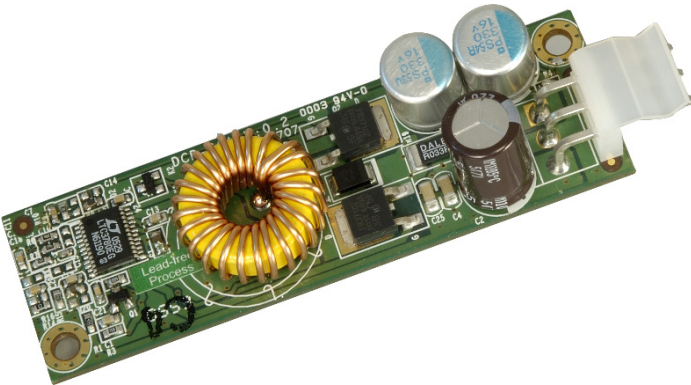


IDD-936160

60W DC/DC Converter Module



Feature

- 1. Wide Input Range: 9-36V DC
- 2. 12V DC Output up to 5 Amp
- 3. Compact Size
- 4. Min. 80% Efficiency
- 5. RoHS Compliant

This is a high performance buck-boost switching regulator power module. The constant frequency current mode architecture allows a phaselockable frequency of up to 400kHz. With a wide 9V to 36V input and 12V output and seamless transfers between operating modes, the IDD-936160 is ideal for embedded system which space is limited.

Specification

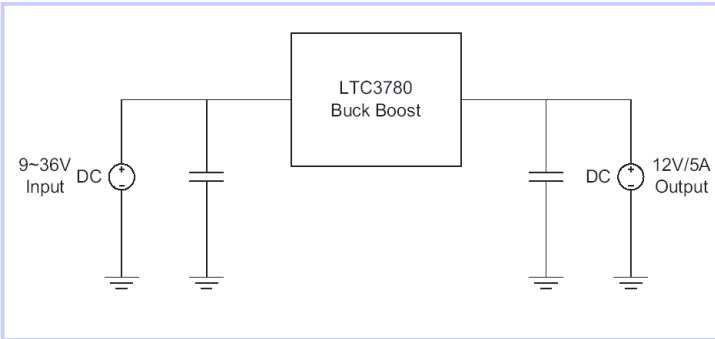
- ◆ Output: 60W, 12V@5A
- ◆ Input: 9VDC to 36VDC
- ◆ Performance Characteristics
 - Noise & Ripple: <240mV
 - Line Regulation: <20mV (at full loaded)
 - Load Regulation: <60mV (at Vin 9-16V)
 - Efficiency: Min. 80%
- ◆ Operation Temperature: -40°C ~ 85°C
- ◆ Dimension: 82(W) x 25(L) x 20(H) mm
- ◆ Weight: NW:28 g

Input/Output Connector(VOUT1)

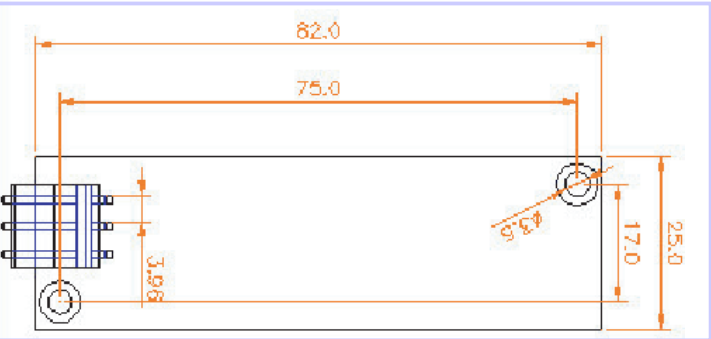
Molex P/N # 09-75-2034or equivalent

Pin Number	Assignment	Mating Housing
Pin 1	12V Output	Molex P/N# 09-50-1031
Pin 2	GND	
Pin 3	Vin (9-36VDC)	

Block Diagram



Dimension



Packing

- 1 x IDD-936160
- 1 x 150mm wire cable (P/N: 32100-124001-RS)
- 1 x Manual

Ordering Information

Part No.	Description
IDD-936160-R10	60W DC/DC 9~36V input 12V output