DC/DC CONVERTER 2.5-12V 440MA

Manufacturers	Analog Devices, Inc
Package/Case	BGA
Product Type	Power Management ICs
RoHS	
Lifecycle	
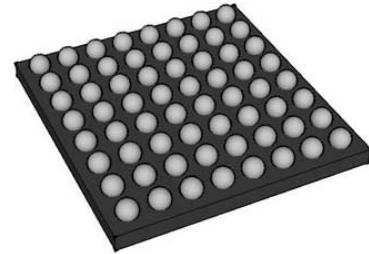
Images are for reference only

Please submit RFQ for LTM8047MPY or Email to us: sales@ovaga.com We will contact you in 12 hours.   RFQ

General Description

The LTM8047 is an isolated flyback μModule DC/DC converter. The LTM8047 has an isolation rating of 725VDC. For a similar product with LDO post regulator, see the LTM8048. Included in the package are the switching controller, power switches, transformer, and all support components. Operating over an input voltage range of 3.1V to 32V, the LTM8047 supports an output voltage range of 2.5V to 12V, set by a single resistor. Only output, input, and bypass capacitors are needed to finish the design. Other components may be used to control the soft-start control and biasing.

The LTM8047 is packaged in a thermally enhanced, compact (11.25mm × 9mm × 4.92mm) over-molded ball grid array (BGA) package suitable for automated assembly by standard surface mount equipment. The LTM8047 is available with SnPb (BGA) or RoHS compliant terminal finish.

Features

Complete Switch Mode Power Supply

725VDC Isolation

Wide Input Voltage Range: 3.1V to 32V

Up to 440mA Output Current>

2.5V to 12V Output Voltage

Current Mode Control

Programmable Soft-Start

User Configurable Undervoltage Lockout

SnPb or RoHS Compliant Finish

Low Profile (11.25mm × 9mm × 4.92mm) Surface Mount BGA Package

Application

Industrial Sensors

Industrial Switches

Ground Loop Mitigation

Related Products

LT3763EFE

Analog Devices, Inc

TSSOP28

LT1038CK

Analog Devices, Inc

TO-3

LTC4417IUF

Analog Devices, Inc

QFN-24

LTC3440EMS

Analog Devices, Inc

MSOP10

LTC1966CMS8#PBF

Analog Devices, Inc

MSOP-8P

LTC2990IMS#PBF

Analog Devices, Inc

10MSOP

LTM8045EY#PBF

Analog Devices, Inc

BGA40
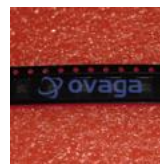
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Analog Devices, Inc

28-WFQFN