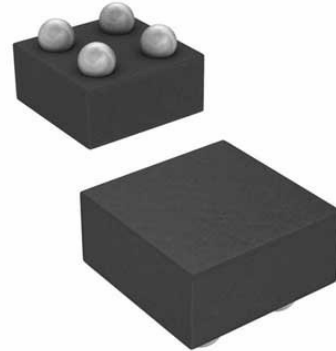


## LTM8047EY#PBF Isolated DC-DC Converter

Manufacturers	<a href="#">Analog Devices, Inc</a>
Package/Case	45-BGA
Product Type	Power Management ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for LTM8047EY#PBF or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

The LTM8047 is an isolated flyback  $\mu$ Module 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  $\times$  9mm  $\times$  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



### [LTC4417IUF](#)

Analog Devices, Inc  
QFN-24



### [LTC1966CMS8#PBF](#)

Analog Devices, Inc  
MSOP-8P



### [LTM8045EY#PBF](#)

Analog Devices, Inc  
BGA40



### [LT1038CK](#)

Analog Devices, Inc  
TO-3



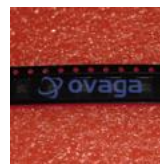
### [LTC3440EMS](#)

Analog Devices, Inc  
MSOP10



### [LTC2990IMS#PBF](#)

Analog Devices, Inc  
10MSOP



### [LT4295IUFD#PBF](#)

Analog Devices, Inc  
28-WFQFN