

3.1VIN to 31VIN Isolated μ Module (Power Module) DC/DC Converter

Manufacturers	Analog Devices, Inc
Package/Case	38-Lead BGA (11.25mm x 9mm x 4.92mm)
Product Type	Power Management ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for LTM8057MPY or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

The LTM8057 is a 2kV AC isolated flyback μ Module® (power module) DC/DC converter. 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 31V, the LTM8057 supports an output voltage range of 2.5V to 12V, set by a single resistor. Only output and input capacitors are needed to finish the design. Other components may be used to control the soft-start control and biasing.

The LTM8057 is packaged in a thermally enhanced, compact (9mm \times 11.25mm \times 4.92mm) overmolded ball grid array (BGA) package suitable for automated assembly by standard surface mount equipment. The LTM8057 is available with SnPb or RoHS compliant terminal finish.

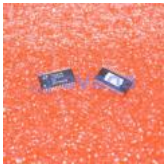
Features

- 2kV AC Isolated μ Module Converter (Tested at 3kVDC)
- UL60950 Recognized File 464570
- Wide Input Voltage Range: 3.1V to 31V
- Up to 440mA Output Current = 2.5V) Output Adjustable from 2.5V to 12V
- Current Mode Control
- Programmable Soft-Start
- User Configurable Undervoltage Lockout
- Low Profile (9mm \times 11.25mm \times 4.92mm) BGA Package

Application

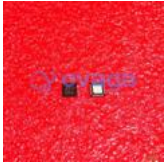
- Industrial Sensors
- Industrial Switches
- Test and Measurement Equipment

Related Products



[LT3763EFE](#)

Analog Devices, Inc
TSSOP28



[LTC4417IUF](#)

Analog Devices, Inc
QFN-24



[LTC1966CMS8#PBF](#)

Analog Devices, Inc
MSOP-8P



[LTM8045EX#PBF](#)

Analog Devices, Inc
BGA40



[LT1038CK](#)

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[LTC3440EMS](#)

Analog Devices, Inc
MSOP10



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Analog Devices, Inc
10MSOP



[LT4295IUFD#PBF](#)

Analog Devices, Inc
28-WFQFN