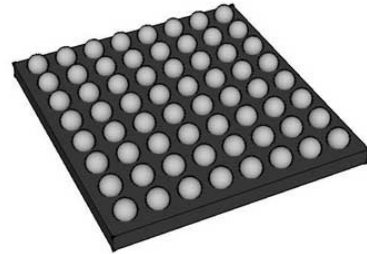


IC DC/DC UMODULE 51BGA

Manufacturers	Analog Devices, Inc
Package/Case	BGA51
Product Type	Power Management ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for LTM8046IY#PBF or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

The LTM8046 is an isolated flyback DC/DC μ Module[®] (power module) converter. The LTM8046 has an isolation rating of 2kVAC. 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 LTM8046 supports an output voltage range of 1.8V to 12V, set by one resistor. Only output, input, and bias capacitors are needed to finish the design. An optional capacitor can be used to set the soft-start period.

The LTM8046 is packaged in a 9mm \times 15mm \times 4.92mm over-molded ball grid array (BGA) package suitable for automated assembly by standard surface mount equipment. The LTM8046 is available with SnPb (BGA) or RoHS compliant terminal finish.

Features

2kVAC Isolated μ Module Converter (Tested to 3kVDC)

UL 60950 Recognized File E464570

Wide Input Voltage Range: 3.1V to 31V

5V at 550mA from 24VIN

1.8V to 12V Output Voltage

Current Mode Control

Programmable Soft-Start

User Configurable Undervoltage Lockout

SnPb or RoHS Compliant Finish

9mm \times 15mm \times 4.92mm BGA Package

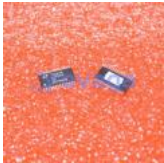
Application

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



[LTM8045EX#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