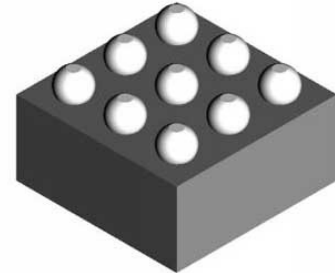


Dual SEPIC or Inverting  $\mu$ Module DC/DC Converter

Manufacturers	<a href="#">Analog Devices, Inc</a>
Package/Case	77-Lead BGA (15mm x 9mm x 2.42mm)
Product Type	Power Management ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for LTM8049IY or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com). We will contact you in 12 hours.

[RFQ](#)

## General Description

The LTM8049 is a Dual SEPIC/Inverting  $\mu$ Module® (power module) DC/DC Converter. Each of the two outputs can be easily configured as a SEPIC or Inverting converter by simply grounding the appropriate output rail. The LTM8049 includes power devices, inductors, control circuitry and passive components. All that is needed to complete the design are input and output caps, and small resistors to set the output voltages and switching frequency. Other components may be used to control the soft-start and undervoltage lockout.

The LTM8049 is packaged in a thermally enhanced, compact (15mm  $\times$  9mm) over-molded Ball Grid Array (BGA) package suitable for automated assembly by standard surface mount equipment. The LTM8049 is RoHS compliant.

## Features

Two Complete Switch Mode Power Supplies

SEPIC or Inverting Topology

Wide Input Voltage Range: 2.6V to 20V

2.5V to 24V or -2.5V to -24V Output Voltage

1A at 5VOUT from 12VIN

Selectable Switching Frequency: 200kHz to 2.5MHz

Power Good Outputs for Event Based Sequencing

User Configurable Undervoltage Lockout

Low Profile 15mm × 9mm × 2.42mm Surface Mount BGA Package

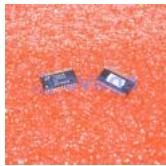
## Application

Battery Powered Regulator

Local Negative Voltage Regulator

Low Noise Amplifier Power

## 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