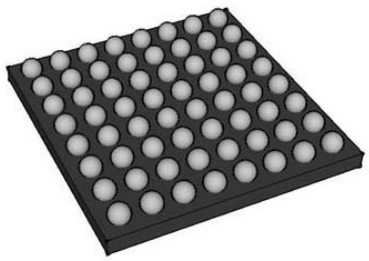
LTM8049IY#PBF

Data Sheet

Switching Voltage Regulators Dual SEPIC/Inverting Module DC/DC Converter

Manufacturers	Analog Devices, Inc
Package/Case	BGA77
Product Type	Power Management ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for LTM8049IY#PBF or Email to us: sales@ovaga.com We will contact you in 12 hours. RFQ

General Description

The LTM8049 is a Dual SEPIC/Inverting µModule® (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 × 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

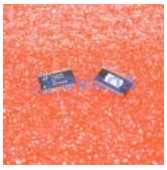
Application

Battery Powered Regulator

Local Negative Voltage Regulator

Low Noise Amplifier Power

Related Products



LT3763EFE

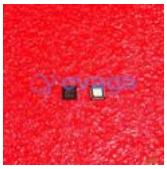
Analog Devices, Inc

TSSOP28

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

LT4295IUFD#PBF

Analog Devices, Inc

28-WFQFN