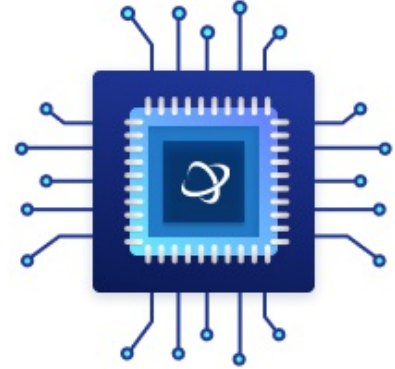


Quad 40VIN, Silent Switcher μ Module Regulator with Configurable 3A Output Array

Manufacturers	Analog Devices, Inc
Package/Case	165-Lead (16mm \times 11.9mm \times 3.32mm)
Product Type	Power Management ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for LTM8060IY#PBF or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

The LTM8060 is quad 40V_{IN}, 3A step-down Silent Switcher μ Module[®] regulator. The Silent Switcher architecture minimizes EMI while delivering high efficiency at frequencies up to 3MHz. Included in the package are the controllers, power switches, inductors, and support components. Operating over a wide input voltage range, the LTM8060 supports output voltages from 0.8V to 8V, and a switching frequency range of 200kHz to 3MHz, each set by a single resistor. Only the bulk input and output filter capacitors, are needed to finish the design. The LTM8060 product video is available on website.

The LTM8060 is packaged in a compact (11.9mm \times 16mm \times 3.32mm) over-molded Ball Grid Array (BGA) package suitable for automated assembly by standard surface mount equipment. The LTM8060 is available with SnPb (BGA) or RoHS compliant.

Configurable Output Array

The LTM8060 outputs can be paralleled in an array for up to 12A capability.

APPLICATIONS

Features

Four Complete Step-Down Switching Power Supplies

CISPR22 Class B Compliant

CISPR25 Class 5 Compliant

Wide Input Voltage Range: 3V to 40V

Wide Output Voltage Range: 0.8V to 8V

3A Continuous Output Current per Channel at 12V

IN

OUT

4A Continuous Output Current per Channel at 12V

IN

OUT

Multiphase or Multi- μ Module Paralleable for Increased Output Current

Low Thermal Resistance,>

Selectable Switching Frequency: 200kHz to 3MHz

Compact Package

Application

Automated Test Equipment

Industrial Supplies

Medical Equipment

Related Products



[LT3763EFE](#)

Analog Devices, Inc
TSSOP28



[LTC4417IUF](#)

Analog Devices, Inc
QFN-24



[LTC1966CMS8#PBF](#)

Analog Devices, Inc
MSOP-8P



[LT1038CK](#)

Analog Devices, Inc
TO-3



[LTC3440EMS](#)

Analog Devices, Inc
MSOP10



[LTC2990IMS#PBF](#)

Analog Devices, Inc
10MSOP



[LTM8045EY#PBF](#)

Analog Devices, Inc

BGA40



[LT4295IUFD#PBF](#)

Analog Devices, Inc

28-WFQFN