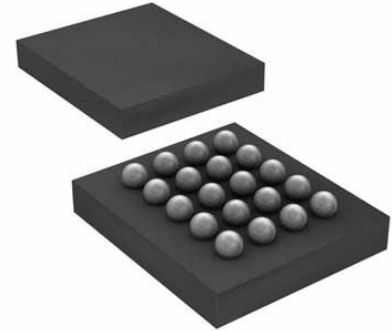


Quad DC/DC  $\mu$ Module Regulator with Configurable Dual 12A, Dual 5A Output Array

Manufacturers	<a href="#">Analog Devices, Inc</a>
Package/Case	209-Lead BGA (16mm x 9.5mm x 4.72mm)
Product Type	Power Management ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for LTM4671EY#PBF or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com). We will contact you in 12 hours.

[RFQ](#)

## General Description

The LTM4671 is a quad DC/DC step-down  $\mu$ Module (micromodule) regulator offering dual 12A and dual 5A output. Included in the package are the switching controllers, power FETs, inductors and support components. Operating over an input voltage range of 3.1V to 20V, the LTM4671 supports an output voltage range of 0.6V to 3.3V for two 12A channels and 0.6V to 5.5V for two 5A channels, each set by a single external resistor. Only bulk input and output capacitors are needed.

Fault protection features include overvoltage, overcurrent and overtemperature protection. The LTM4671 is offered in 9.5mm  $\times$  16mm  $\times$  4.72mm BGA package.

## Features

Quad Output Step-Down  $\mu$ Module<sup>®</sup> Regulator with Dual 12A and Dual 5A Output

Wide Input Voltage Range: 3.1V to 20V

Dual 12A DC Output from 0.6V to 3.3V

Dual 5A DC Output from 0.6V to 5.5V

Up to 7W Power Dissipation

Dual Differential Sensing Amplifier

Current Mode Control, Fast Transient Response

Parallelable for Higher Output Current

Selectable Burst Mode<sup>®</sup> Operation

Output Voltage Tracking

Internal Temperature Sensing Diode Output

External Frequency Synchronization

Overvoltage, Current and Temperature Protection

9.5mm  $\times$  16mm  $\times$  4.72mm BGA Package

## Application

Multirail Point-of-Load Regulation

FPGAs, DSPs and ASICs Applications

## 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



### [LTM8045EV#PBF](#)

Analog Devices, Inc  
BGA40



### [LT4295IUFD#PBF](#)

Analog Devices, Inc  
28-WFQFN