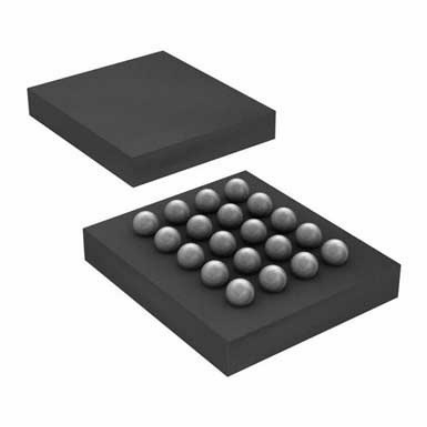
LTM4671IY#PBF

Data Sheet

Quad DC/DC µModule Regulator with Configurable Dual 12A, Dual 5A Output Array

Manufacturers	Analog Devices, Inc
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 LTM4671IY#PBF or Email to us: sales@ovaga.com We will contact you in 12 hours. RFQ

General Description

The LTM4671 is a quad DC/DC step-down µModule (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 × 16mm × 4.72mm BGA package.

Features

Quad Output Step-Down µModule® 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® Operation

Output Voltage Tracking

Internal Temperature Sensing Diode Output

External Frequency Synchronization

Overvoltage, Current and Temperature Protection

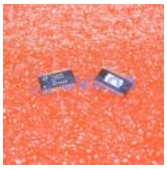
9.5mm × 16mm × 4.72mm BGA Package

Application

Multirail Point-of-Load Regulation

FPGAs, DSPs and ASICs Applications

Related Products



LT3763EFE

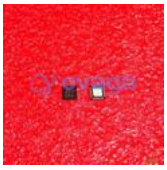
Analog Devices, Inc

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

LTM8045EY#PBF

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BGA40

LT4295IUFD#PBF

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28-WFQFN