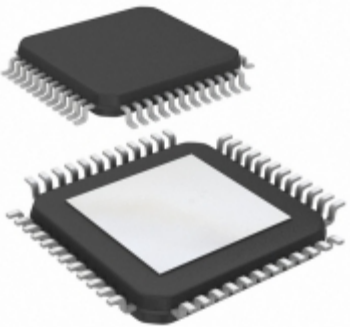


LTC3871HLXE#PBF



Images are for reference only.
See Product Specifications for product details.
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Part Number:

LTC3871HLXE#PBF

Manufacturer:

ADI (Analog Devices, Inc.)

Description:

IC REG CTRLR BCK/BST SYN 48LQFP

Data sheet:

 [LTC3871 Datasheet](#)

 [Mac OS X Shortcuts](#)

 [LTspice Flyer](#)

 [LTspice IV Getting Started Guide](#)

 [LTpowerCAD II User Guide](#)

 [LTpowerCAD II Quick Start Guide](#)

RoHS Status:

Lead free / RoHS Compliant

Ship From:

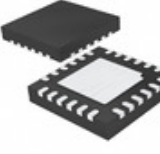
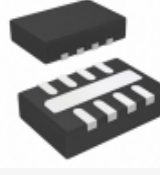
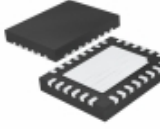
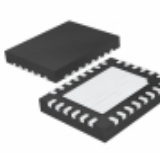
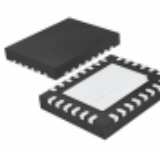
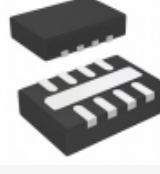
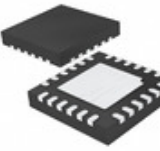
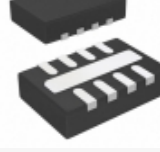
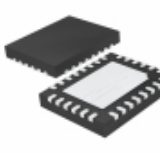
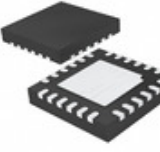
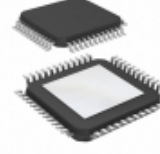
Hong Kong

Shipment Way:

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Request For Quotation

PRODUCT PARAMETER			
Part Number	LTC3871HLXE#PBF	Manufacturer	ADI (Analog Devices, Inc.)
Description	IC REG CTRLR BCK/BST SYN 48LQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	12689 pcs	Data sheet	LTC3871 Datasheet Mac OS X Shortcuts LTspice Flyer LTspice IV Getting Started Guide LTpowerCAD II User Guide LTpowerCAD II Quick Start Guide
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.2 V ~ 100 V
Topology	Buck, Boost	Synchronous Rectifier	Yes
Supplier Device Package	48-eLQFP (7x7)	Series	PolyPhase®
Serial Interfaces	-	Packaging	Tray
Package / Case	48-LQFP Exposed Pad	Output Type	Transistor Driver
Output Phases	Programmable	Output Configuration	Positive
Operating Temperature	-40°C ~ 150°C (TA)	Number of Outputs	2
Moisture Sensitivity Level (MSL)	3 (168 Hours)	Manufacturer Standard Lead Time	8 Weeks
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	Function	Step-Up, Step-Down
Frequency - Switching	60kHz ~ 460kHz	Duty Cycle (Max)	98%
Detailed Description	Buck, Boost Regulator Positive Output Step-Up, Step-Down DC-DC Controller IC 48-eLQFP (7x7)	Control Features	Current Limit, Enable, Frequency Control, Phase Control, Soft Start
Clock Sync	Yes	Base Part Number	LTC3871
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	Part#: LTC3870IUFD#PBF Description: IC REG CTRLR BUCK 28QFN	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
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	Part#: LTC3872EDDB-1#TRPBF Description: IC REG CTRLR BOOST 8DFN	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
	Part#: LTC3872EDDB#TRPBF Description: IC REG CTRLR BOOST 8DFN	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
	Part#: LTC3871ILXE Description: IC POWER MANAGEMENT	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
	Part#: LTC3870IUFD#TRPBF Description: IC REG CTRLR BUCK 28QFN	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
	Part#: LTC3870EUF-1#TRPBF Description: IC REG CTRLR BUCK 24QFN	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
	Part#: LTC3872ETS8#TRPBF Description: IC REG CTRLR BOOST TSOT23-8	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
	Part#: LTC3871ILXE#PBF Description: IC REG CTRLR BCK/BST SYN 48LQFP	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
	Part#: LTC3871ELXE#PBF Description: IC REG CTRLR BCK/BST SYN 48LQFP	Manufacturers: ADI (Analog Devices, Inc.)	RFQ

Related keywords for LTC3871HLXE#PBF

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