



ADI (Analog Devices, Inc.)



Image may be representation. See specifications for product details.

LTC3871HLXE#PBF

Part Number:	LTC3871HLXE#PBF
Manufacturer/Brand:	ADI (Analog Devices, Inc.)
Product description	IC REG CTRLR BCK/BST SYN 48LQFP
	 1.LTC3871HLXE#PBF.pdf
	 2.LTC3871HLXE#PBF.pdf
	 3.LTC3871HLXE#PBF.pdf
	 4.LTC3871HLXE#PBF.pdf
	 5.LTC3871HLXE#PBF.pdf
	 6.LTC3871HLXE#PBF.pdf
Datasheets:	 Lead free / RoHS Compliant
RoHs Status	6951 pcs stock
Stock Condition	Hong Kong
Ship From	DHL/Fedex/TNT/UPS/EMS
Shipment Way	

REQUEST FOR QUOTATION

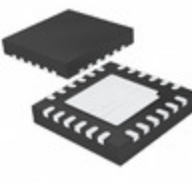
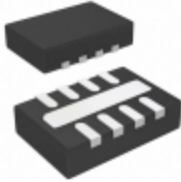
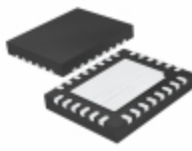
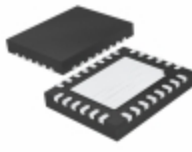
Specifications of LTC3871HLXE#PBF

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	6951 pcs
DATA SHEET	 1.LTC3871HLXE#PBF.pdf  2.LTC3871HLXE#PBF.pdf  3.LTC3871HLXE#PBF.pdf  4.LTC3871HLXE#PBF.pdf  5.LTC3871HLXE#PBF.pdf  6.LTC3871HLXE#PBF.pdf
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)
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

Related Tags

ADI (Analog Devices, Inc.) LTC3871HLXE#PBF	LTC3871HLXE#PBF Distributor	LTC3871HLXE#PBF Supplier
LTC3871HLXE#PBF Price	LTC3871HLXE#PBF Pictures	LTC3871HLXE#PBF Image
LTC3871HLXE#PBF PDF Datasheet	LTC3871HLXE#PBF Download Datasheet	LTC3871HLXE#PBF Datasheet
LTC3871HLXE#PBF Stock	Buy LTC3871HLXE#PBF	Buy ADI (Analog Devices, Inc.) LTC3871HLXE#PBF
ADI (Analog Devices, Inc.) LTC3871HLXE#PBF	ADI (Analog Devices, Inc.) Supplier	ADI (Analog Devices, Inc.) Distributor
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Analog Devices Inc. LTC3871HLXE#PBF	Analog Devices, Inc. LTC3871HLXE#PBF	

Related Products

 LTC3872EDDB#TRMPBF Manufacturers: ADI (Analog Devices, Inc.) Description: IC REG CTRLR BOOST 8DFN In stock: 20441 pcs RFQ	 LTC3870IUUF-1#TRPBF Manufacturers: ADI (Analog Devices, Inc.) Description: IC REG CTRLR BUCK 24QFN In stock: 26754 pcs RFQ
 LTC3872EDDB-1#TRPBF Manufacturers: ADI (Analog Devices, Inc.) Description: IC REG CTRLR BOOST 8DFN In stock: 38473 pcs RFQ	 LTC3872EDDB-1#TRMPBF Manufacturers: ADI (Analog Devices, Inc.) Description: IC REG CTRLR BOOST 8DFN In stock: 42411 pcs RFQ
 LTC3871ELXE Manufacturers: ADI (Analog Devices, Inc.) Description: IC POWER MANAGEMENT In stock: 6184 pcs RFQ	 LTC3871HLXE Manufacturers: ADI (Analog Devices, Inc.) Description: IC POWER MANAGEMENT In stock: 4501 pcs RFQ
 LTC3871ILXE#PBF Manufacturers: ADI (Analog Devices, Inc.) Description: IC REG CTRLR BCK/BST SYN 48LQFP In stock: 7671 pcs RFQ	 LTC3870IUFD#TRPBF Manufacturers: ADI (Analog Devices, Inc.) Description: IC REG CTRLR BUCK 28QFN In stock: 32035 pcs RFQ
 LTC3871ELXE#PBF Manufacturers: ADI (Analog Devices, Inc.) Description: IC REG CTRLR BCK/BST SYN 48LQFP In stock: 7427 pcs RFQ	 LTC3870IUFD#PBF Manufacturers: ADI (Analog Devices, Inc.) Description: IC REG CTRLR BUCK 28QFN In stock: 17017 pcs RFQ
 LTC3871ILXE Manufacturers: ADI (Analog Devices, Inc.) Description: IC POWER MANAGEMENT In stock: 5484 pcs RFQ	 LTC3872EDDB#TRPBF Manufacturers: ADI (Analog Devices, Inc.) Description: IC REG CTRLR BOOST 8DFN In stock: 42523 pcs RFQ

