



ADI (Analog Devices, Inc.)



Image may be representation. See specifications for product details.

LTC3871ELXE#PBF

Part Number:	LTC3871ELXE#PBF
Manufacturer/Brand:	ADI (Analog Devices, Inc.)
Product description	IC REG CTRLR BCK/BST SYN 48LQFP
	 1.LTC3871ELXE#PBF.pdf
	 2.LTC3871ELXE#PBF.pdf
	 3.LTC3871ELXE#PBF.pdf
	 4.LTC3871ELXE#PBF.pdf
	 5.LTC3871ELXE#PBF.pdf
	 6.LTC3871ELXE#PBF.pdf
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	7427 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

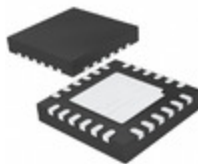
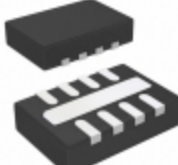
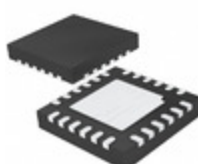
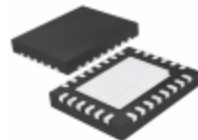
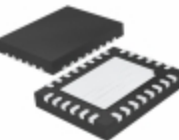
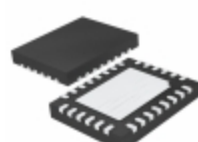
Specifications of LTC3871ELXE#PBF

PART NUMBER	LTC3871ELXE#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	7427 pcs
DATA SHEET	 1.LTC3871ELXE#PBF.pdf  2.LTC3871ELXE#PBF.pdf  3.LTC3871ELXE#PBF.pdf  4.LTC3871ELXE#PBF.pdf  5.LTC3871ELXE#PBF.pdf  6.LTC3871ELXE#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 ~ 125°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.) LTC3871ELXE#PBF	LTC3871ELXE#PBF Distributor	LTC3871ELXE#PBF Supplier
LTC3871ELXE#PBF Price	LTC3871ELXE#PBF Pictures	LTC3871ELXE#PBF Image
LTC3871ELXE#PBF PDF Datasheet	LTC3871ELXE#PBF Download Datasheet	LTC3871ELXE#PBF Datasheet
LTC3871ELXE#PBF Stock	Buy LTC3871ELXE#PBF	Buy ADI (Analog Devices, Inc.) LTC3871ELXE#PBF
ADI (Analog Devices, Inc.) LTC3871ELXE#PBF	ADI (Analog Devices, Inc.) Supplier	ADI (Analog Devices, Inc.) Distributor
ADI (Analog Devices, Inc.) LTC3871ELXE#PBF	AD LTC3871ELXE#PBF	ADI (Analog Devices, Inc.) LTC3871ELXE#PBF
Analog Devices Inc. LTC3871ELXE#PBF	Analog Devices, Inc. LTC3871ELXE#PBF	

Related Products

 LTC3871ILXE#PBF Manufacturers: ADI (Analog Devices, Inc.) Description: IC REG CTRLR BCK/BST SYN 48LQFP In stock: 7671 pcs RFQ	 LTC3871ELXE Manufacturers: ADI (Analog Devices, Inc.) Description: IC POWER MANAGEMENT In stock: 6184 pcs RFQ
 LTC3870IUF-1#PBF Manufacturers: ADI (Analog Devices, Inc.) Description: IC REG CTRLR BUCK 24QFN In stock: 17876 pcs RFQ	 LTC3872EDDB#TRMPBF Manufacturers: ADI (Analog Devices, Inc.) Description: IC REG CTRLR BOOST 8DFN In stock: 20441 pcs RFQ
 LTC3872EDDB#TRPBF Manufacturers: ADI (Analog Devices, Inc.) Description: IC REG CTRLR BOOST 8DFN In stock: 42523 pcs RFQ	 LTC3871ILXE Manufacturers: ADI (Analog Devices, Inc.) Description: IC POWER MANAGEMENT In stock: 5484 pcs RFQ
 LTC3870IUF-1#TRPBF Manufacturers: ADI (Analog Devices, Inc.) Description: IC REG CTRLR BUCK 24QFN In stock: 26754 pcs RFQ	 LTC3871HLXE#PBF Manufacturers: ADI (Analog Devices, Inc.) Description: IC REG CTRLR BCK/BST SYN 48LQFP In stock: 6951 pcs RFQ
 LTC3870EUF-1#TRPBF Manufacturers: ADI (Analog Devices, Inc.) Description: IC REG CTRLR BUCK 28QFN In stock: 32735 pcs RFQ	 LTC3870IUF-1#TRPBF Manufacturers: ADI (Analog Devices, Inc.) Description: IC REG CTRLR BUCK 28QFN In stock: 32035 pcs RFQ
 LTC3870IUF-1#PBF Manufacturers: ADI (Analog Devices, Inc.) Description: IC REG CTRLR BUCK 28QFN In stock: 17017 pcs RFQ	 LTC3871HLXE Manufacturers: ADI (Analog Devices, Inc.) Description: IC POWER MANAGEMENT In stock: 4501 pcs RFQ

