



ADI (Analog Devices, Inc.)



Image may be representation. See specifications for product details.

LTC3871ILXE#PBF

Part Number:	LTC3871ILXE#PBF
Manufacturer/Brand:	ADI (Analog Devices, Inc.)
Product description	IC REG CTRLR BCK/BST SYN 48LQFP
	 1.LTC3871ILXE#PBF.pdf
	 2.LTC3871ILXE#PBF.pdf
	 3.LTC3871ILXE#PBF.pdf
	 4.LTC3871ILXE#PBF.pdf
	 5.LTC3871ILXE#PBF.pdf
	 6.LTC3871ILXE#PBF.pdf
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	7671 pcs stock
Ship From	Hong Kong
Shioment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

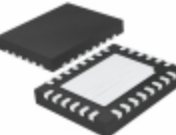
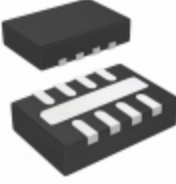
Specifications of LTC3871ILXE#PBF

PART NUMBER	LTC3871ILXE#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	7671 pcs
DATA SHEET	 1.LTC3871ILXE#PBF.pdf  2.LTC3871ILXE#PBF.pdf  3.LTC3871ILXE#PBF.pdf  4.LTC3871ILXE#PBF.pdf  5.LTC3871ILXE#PBF.pdf  6.LTC3871ILXE#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.) LTC3871ILXE#PBF	LTC3871ILXE#PBF Distributor	LTC3871ILXE#PBF Supplier
LTC3871ILXE#PBF Price	LTC3871ILXE#PBF Pictures	LTC3871ILXE#PBF Image
LTC3871ILXE#PBF PDF Datasheet	LTC3871ILXE#PBF Download Datasheet	LTC3871ILXE#PBF Datasheet
LTC3871ILXE#PBF Stock	Buy LTC3871ILXE#PBF	Buy ADI (Analog Devices, Inc.) LTC3871ILXE#PBF
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Analog Devices Inc. LTC3871ILXE#PBF	Analog Devices, Inc. LTC3871ILXE#PBF	

Related Products

 LTC3871ILXE Manufacturers: ADI (Analog Devices, Inc.) Description: IC POWER MANAGEMENT In stock: 5484 pcs RFQ	 LTC3872EDDB-1#TRPBF Manufacturers: ADI (Analog Devices, Inc.) Description: IC REG CTRLR BOOST 8DFN In stock: 38473 pcs RFQ
 LTC3871ELXE Manufacturers: ADI (Analog Devices, Inc.) Description: IC POWER MANAGEMENT In stock: 6184 pcs RFQ	 LTC3872ETS8#TRPBF Manufacturers: ADI (Analog Devices, Inc.) Description: IC REG CTRLR BOOST TSOT23-8 In stock: 37011 pcs RFQ
 LTC3871HLXE#PBF Manufacturers: ADI (Analog Devices, Inc.) Description: IC REG CTRLR BCK/BST SYN 48LQFP In stock: 6951 pcs RFQ	 LTC3872EDDB#TRPBF Manufacturers: ADI (Analog Devices, Inc.) Description: IC REG CTRLR BOOST 8DFN In stock: 42523 pcs RFQ
 LTC3871ELXE#PBF Manufacturers: ADI (Analog Devices, Inc.) Description: IC REG CTRLR BCK/BST SYN 48LQFP In stock: 7427 pcs RFQ	 LTC3870IUFD#TRPBF Manufacturers: ADI (Analog Devices, Inc.) Description: IC REG CTRLR BUCK 28QFN In stock: 32035 pcs RFQ
 LTC3872EDDB-1#TRMPBF Manufacturers: ADI (Analog Devices, Inc.) Description: IC REG CTRLR BOOST 8DFN In stock: 42411 pcs RFQ	 LTC3872ETS8#TRMPBF Manufacturers: ADI (Analog Devices, Inc.) Description: IC REG CTRLR BOOST TSOT23-8 In stock: 24133 pcs RFQ
 LTC3871HLXE Manufacturers: ADI (Analog Devices, Inc.) Description: IC POWER MANAGEMENT In stock: 4501 pcs RFQ	 LTC3872EDDB#TRMPBF Manufacturers: ADI (Analog Devices, Inc.) Description: IC REG CTRLR BOOST 8DFN In stock: 20441 pcs RFQ

