

LTC3830ES8





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Part Number: [LTC3830ES8](#)

Manufacturer: [ADI \(Analog Devices, Inc.\)](#)

Description: IC REG CTRLR BUCK 8SOIC

Data sheet:  [LTC3830\(-1\)](#)

RoHs Status: Contains lead / RoHS non-compliant

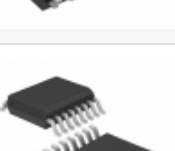
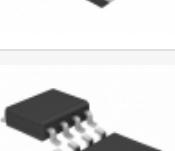
Ship From: Hong Kong

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See Product Specifications for product details.
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Request For Quotation

PRODUCT PARAMETER			
Part Number	LTC3830ES8	Manufacturer	ADI (Analog Devices, Inc.)
Description	IC REG CTRLR BUCK 8SOIC	Lead Free Status / RoHS Status	Contains lead / RoHS non-compliant
Quantity Available	14801 pcs	Data sheet	LTC3830(-1)
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	3 V ~ 8 V
Topology	Buck	Synchronous Rectifier	Yes
Supplier Device Package	8-SOIC	Series	-
Serial Interfaces	-	Packaging	Tube
Package / Case	8-SOIC (0.154", 3.90mm Width)	Output Type	Transistor Driver
Output Phases	1	Output Configuration	Positive
Operating Temperature	-40°C ~ 85°C (TA)	Number of Outputs	1
Moisture Sensitivity Level (MSL)	1 (Unlimited)	Lead Free Status / RoHS Status	Contains lead / RoHS non-compliant
Function	Step-Down	Frequency - Switching	200kHz
Duty Cycle (Max)	95%	Detailed Description	Buck Regulator Positive Output Step-Down DC-DC Controller IC 8-SOIC
Control Features	Current Limit, Enable, Frequency Control, Soft Start	Clock Sync	No
Base Part Number	LTC3830		
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	Part#: LTC3831IGN#PBF Description: IC SW REG CONTROLLR SYNC 16-SSOP	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
	Part#: LTC3830ES Description: IC REG CTRLR BUCK 16SOIC	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
	Part#: LTC3831IGN#TRPBF Description: IC SW REG CONTROLLR SYNC 16-SSOP	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
	Part#: LTC3829IFE#TRPBF Description: IC REG CTRLR BUCK 38TSSOP	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
	Part#: LTC3830EGN#PBF Description: IC REG CTRLR BUCK 16SSOP	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
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	Part#: LTC3832-1ES8#PBF Description: IC REG CTRLR BUCK/BOOST 8SOIC	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
	Part#: LTC3830-1ES8#PBF Description: IC REG CTRLR BUCK 8SOIC	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
	Part#: LTC3830ES#TRPBF Description: IC REG CTRLR BUCK 16SOIC	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
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	Part#: LTC3832-1ES8 Description: IC REG CTRLR BUCK/BOOST 8SOIC	Manufacturers: ADI (Analog Devices, Inc.)	RFQ

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