

LTC3887EUI-1





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Part Number: [LTC3887EUI-1](#)

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

Description: IC POWER MANAGEMENT

Data sheet:  [Digital Power System Management Guide](#)
 [LTC3887, LTC3887-1 Datasheet](#)
 [LTC3887 Errata](#)

RoHS Status: Contains lead / RoHS non-compliant

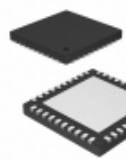
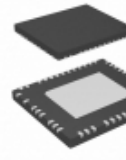
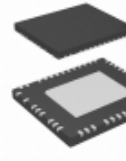
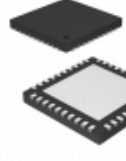
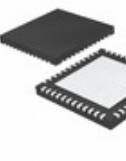
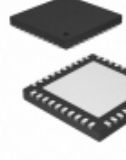
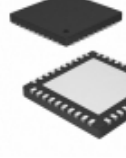
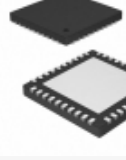
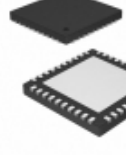
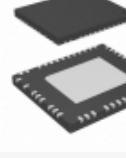
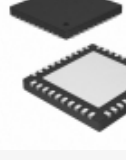
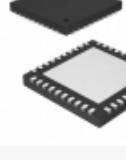
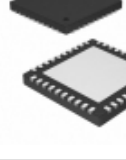
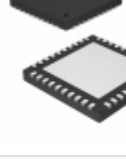
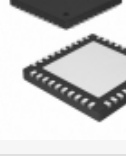
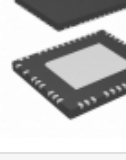
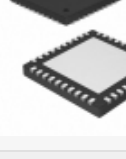
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Images are for reference only.
See Product Specifications for product details.
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Request For Quotation

PRODUCT PARAMETER			
Part Number	LTC3887EUI-1	Manufacturer	ADI (Analog Devices, Inc.)
Description	IC POWER MANAGEMENT	Lead Free Status / RoHS Status	Contains lead / RoHS non-compliant
Quantity Available	5023 pcs	Data sheet	Digital Power System Management Guide LTC3887, LTC3887-1 Datasheet LTC3887 Errata
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	4.5 V ~ 24 V
Topology	Buck	Synchronous Rectifier	Yes
Supplier Device Package	40-QFN (6x6)	Series	PolyPhase®
Serial Interfaces	I²C, PMBus	Packaging	Tube
Package / Case	40-WFQFN Exposed Pad	Output Type	Transistor Driver
Output Phases	2	Output Configuration	Positive
Operating Temperature	-40°C ~ 125°C (TJ)	Number of Outputs	2
Lead Free Status / RoHS Status	Contains lead / RoHS non-compliant	Function	Step-Down
Frequency - Switching	250kHz ~ 1MHz	Duty Cycle (Max)	-
Detailed Description	Buck Regulator Positive Output Step-Down I²C, PMBus DC-DC Controller IC 40-QFN (6x6)	Control Features	Enable, Frequency Control, Phase Control
Clock Sync	Yes	Base Part Number	LTC3887-1
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RELATED PRODUCTS			
	Part#: LTC3887IUI Description: IC POWER MANAGEMENT	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
	Part#: LTC3886EUKG#PBF Description: IC REG CTRLR BUCK PMBUS 52QFN	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
	Part#: LTC3886EUKG#TRPBF Description: IC REG CTRLR BUCK PMBUS 52QFN	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
	Part#: LTC3887IUI#TRPBF Description: IC REG CTRLR BUCK PMBUS 40QFN	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
	Part#: LTC3884IUK#TRPBF Description: IC REG CTRLR BUCK PMBUS 48QFN	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
	Part#: LTC3887IUI-1 Description: IC POWER MANAGEMENT	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
	Part#: LTC3887IUI#PBF Description: IC REG CTRLR BUCK PMBUS 40QFN	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
	Part#: LTC3887IUI-1#PBF Description: IC REG CTRLR BUCK PMBUS 40QFN	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
	Part#: LTC3887EUI-2#PBF Description: DUAL OUTPUT POLYPHASE STEP-DOWN	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
	Part#: LTC3886IUKG#TRPBF Description: IC REG CTRLR BUCK PMBUS 52QFN	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
	Part#: LTC3887IUIHE-9 Description: IC POWER MANAGEMENT	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
	Part#: LTC3887EUI-1#PBF Description: IC REG CTRLR BUCK PMBUS 40QFN	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
	Part#: LTC3886EUKG Description: IC POWER MANAGEMENT	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
	Part#: LTC3887EUI-2#TRPBF Description: DUAL OUTPUT POLYPHASE STEP-DOWN	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
	Part#: LTC3887EUI#PBF Description: IC REG CTRLR BUCK PMBUS 40QFN	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
	Part#: LTC3886IUKG Description: IC POWER MANAGEMENT	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
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	Part#: LTC3887EUI-1#TRPBF Description: IC REG CTRLR BUCK PMBUS 40QFN	Manufacturers: ADI (Analog Devices, Inc.)	RFQ

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