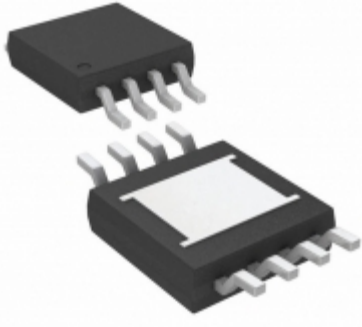


LTC4442EMS8E#PBF





AHEAD OF WHAT'S POSSIBLE™

Part Number: [LTC4442EMS8E#PBF](#)

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

Description: IC MOSFET DRIVER N-CH 8-MSOP

Data sheet:  [LTC4442\(-1\)](#)

RoHs Status: Lead free / RoHS Compliant

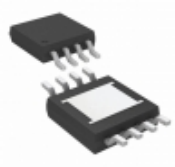
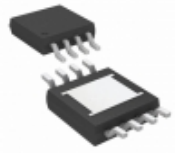
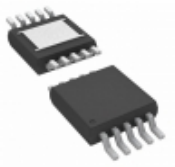
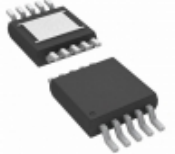
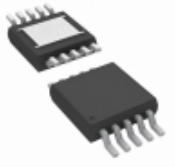
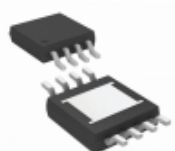
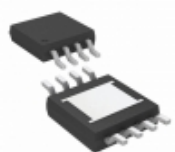
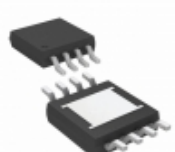
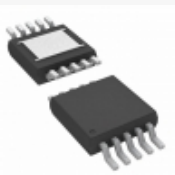
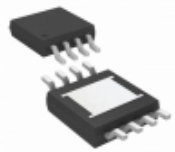
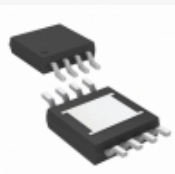
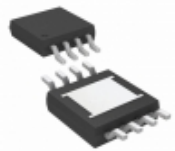
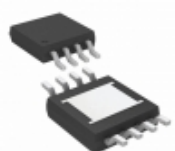
Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

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

PRODUCT PARAMETER			
Part Number	LTC4442EMS8E#PBF	Manufacturer	ADI (Analog Devices, Inc.)
Description	IC MOSFET DRIVER N-CH 8-MSOP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	69724 pcs	Data sheet	LTC4442(-1)
Category	Integrated Circuits (ICs)	Voltage - Supply	6 V ~ 9.5 V
Supplier Device Package	8-MSOP-EP	Series	-
Rise / Fall Time (Typ)	12ns, 8ns	Packaging	Tube
Package / Case	8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Exposed Pad	Other Names	LTC4442EMS8EPBF
Operating Temperature	-40°C ~ 125°C (TJ)	Number of Drivers	2
Mounting Type	Surface Mount	Moisture Sensitivity Level (MSL)	1 (Unlimited)
Manufacturer Standard Lead Time	12 Weeks	Logic Voltage - VIL, VIH	-
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	Input Type	Non-Inverting
High Side Voltage - Max (Bootstrap)	42V	Gate Type	N-Channel MOSFET
Driven Configuration	Half-Bridge	Detailed Description	Half-Bridge Gate Driver IC Non-Inverting 8-MSOP-EP
Current - Peak Output (Source, Sink)	2.4A, 2.4A	Channel Type	Synchronous
Base Part Number	LTC4442		
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RELATED PRODUCTS			
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	Part#: LTC4444EMS8E-5#PBF Description: IC MOSFET DRIVER N-CH 8-MSOP	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
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	Part#: LTC4442IMS8E#PBF Description: IC DRVR NCH MOSFET 8-MSOP	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
	Part#: LTC4441EMSE#TRPBF Description: IC MOSFET DRIVER N-CH 10-MSOP	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
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	Part#: LTC4444EMS8E#TRPBF Description: IC DRVR NCH MOSFET 8MSOP	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
	Part#: LTC4441ES8-1#PBF Description: IC MOSFET DRIVER N-CH 8-SOIC	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
	Part#: LTC4441ES8-1#TRPBF Description: IC MOSFET DRIVER N-CH 8-SOIC	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
	Part#: LTC4442EMS8E#TRPBF Description: IC DRVR NCH MOSFET 8-MSOP	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
	Part#: LTC4442IMS8E-1#PBF Description: IC DRVR NCH MOSFET 8-MSOP	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
	Part#: LTC4442IMS8E#TRPBF Description: IC DRVR NCH MOSFET 8-MSOP	Manufacturers: ADI (Analog Devices, Inc.)	RFQ

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