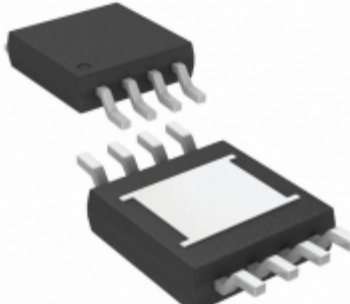


LTC4442EMS8E-1#PBF



LINEAR TECHNOLOGY

ANALOG DEVICES

Part Number: [LTC4442EMS8E-1#PBF](#)

Manufacturer: [Linear Technology](#)

Description: IC DRVR NCH MOSFET 8-MSOP

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

RoHs Status: Lead free / RoHS Compliant

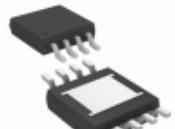
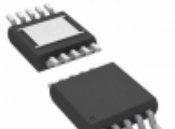
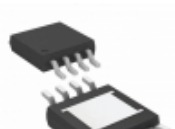
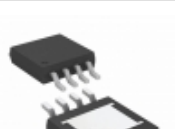
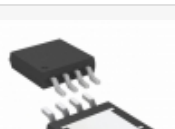
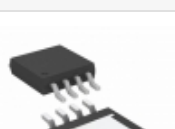
Ship From: Hong Kong

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

Images are for reference only.
See Product Specifications for product details.
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PRODUCT PARAMETER			
Part Number	LTC4442EMS8E-1#PBF	Manufacturer	Linear Technology
Description	IC DRVR NCH MOSFET 8-MSOP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	62229 pcs	Data sheet	LTC4442(-1)
Category	Integrated Circuits (ICs)	Voltage - Breakdown	8-MSOP-EP
Shell Style	6 V ~ 9.5 V	Series	-
RoHS Status	Tube	Rise / Fall Time (Typ)	2.4A, 2.4A
Polarization	8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Exposed Pad	Operating Temperature	-40°C ~ 125°C (TJ)
Number of Drivers	Half-Bridge	Mounting Type	Surface Mount
Moisture Sensitivity Level (MSL)	1 (Unlimited)	Manufacturer Standard Lead Time	6 Weeks
Manufacturer Part Number	LTC4442EMS8E-1#PBF	Logic Voltage - VIL, VIH	N-Channel MOSFET
Input Type	Non-Inverting	High Side Voltage - Max (Bootstrap)	12ns, 8ns
Gate Type	2	Expanded Description	Half-Bridge Gate Driver IC Non-Inverting 8-MSOP-EP
Description	IC DRVR NCH MOSFET 8-MSOP	Current - Peak Output (Source, Sink)	-
Current - Output (Max)	42V	Channels per Circuit	Synchronous
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	Part#: LTC4444HMS8E#PBF Description: IC MOSFET DVR N-CH SYNC HV 8MSOP	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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	Part#: LTC4441ES8-1#TRPBF Description: IC MOSFET DRIVER N-CH 8-SOIC	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
	Part#: LTC4442EMS8E#PBF Description: IC MOSFET DRIVER N-CH 8-MSOP	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
	Part#: LTC4442IMS8E-1#TRPBF Description: IC DRVR NCH MOSFET 8-MSOP	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
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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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