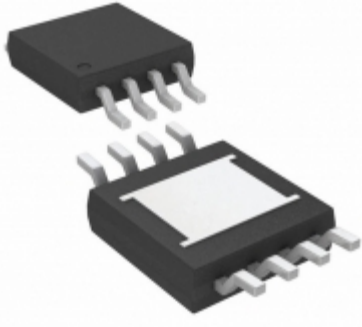


LTC4442IMS8E#TRPBF





AHEAD OF WHAT'S POSSIBLE™

Part Number: [LTC4442IMS8E#TRPBF](#)

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

Description: IC DRVR NCH MOSFET 8-MSOP

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

RoHs Status: Lead free / RoHS Compliant

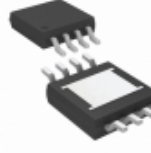
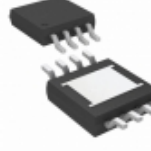
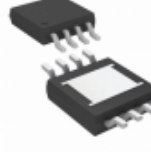
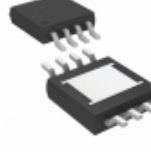
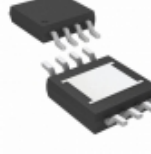
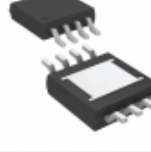
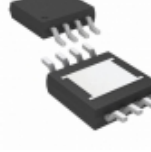
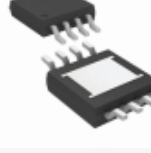
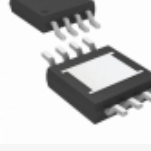
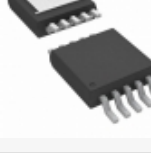
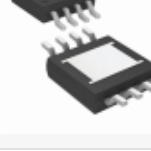
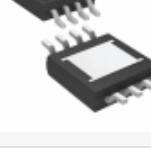
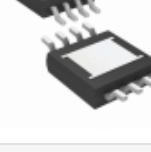
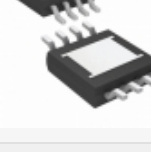
Ship From: Hong Kong

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

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

PRODUCT PARAMETER			
Part Number	LTC4442IMS8E#TRPBF	Manufacturer	ADI (Analog Devices, Inc.)
Description	IC DRVR NCH MOSFET 8-MSOP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	46918 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	Tape & Reel (TR)
Package / Case	8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Exposed Pad	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#: LTC4442EMS8E#TRPBF Description: IC DRVR NCH MOSFET 8-MSOP	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
	Part#: LTC4444EMS8E-5#PBF Description: IC MOSFET DRIVER N-CH 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#: LTC4442EMS8E#PBF Description: IC MOSFET DRIVER N-CH 8-MSOP	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
	Part#: LTC4444HMS8E#TRPBF Description: IC MOSFET DVR N-CH SYNC HV 8MSOP	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
	Part#: LTC4442EMS8E-1#TRPBF Description: IC DRVR NCH MOSFET 8-MSOP	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
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	Part#: LTC4441IMSE#TRPBF Description: IC MOSFET DRIVER N-CH 10-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#: LTC4441MPMSE#TRPBF Description: IC MOSFET DRIVER N-CH 10-MSOP	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
	Part#: LTC4441MPMSE#PBF Description: IC MOSFET DRIVER N-CH 10-MSOP	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
	Part#: LTC4444HMS8E-5#TRPBF Description: IC MOSFET DVR N-CH SYNC HV 8MSOP	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
	Part#: LTC4444EMS8E#TRPBF Description: IC DRVR NCH MOSFET 8MSOP	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
	Part#: LTC4444EMS8E#PBF Description: IC MOSFET DRIVER N-CH 8-MSOP	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
	Part#: LTC4444HMS8E-5#PBF Description: IC MOSFET DVR N-CH SYNC HV 8MSOP	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
	Part#: LTC4444EMS8E-5#TRPBF Description: IC MOSFET DRIVER N-CH 8-MSOP	Manufacturers: ADI (Analog Devices, Inc.)	RFQ

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