



ADI (Analog Devices, Inc.)

LTC4442EMS8E#PBF

Part Number:	LTC4442EMS8E#PBF
Manufacturer/Brand:	ADI (Analog Devices, Inc.)
Product description:	IC MOSFET DRIVER N-CH 8-MSOP
Datasheets:	LTC4442EMS8E#PBF.pdf
RoHS Status:	Lead free / RoHS Compliant
Stock Condition:	35210 pcs stock
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS/EMS

[REQUEST FOR QUOTATION](#)

Image may be representation. See specifications for product details.

Specifications of LTC4442EMS8E#PBF

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	35210 pcs
DATA SHEET	LTC4442EMS8E#PBF.pdf
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)
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

Related Tags

ADI (Analog Devices, Inc.) LTC4442EMS8E#PBF	LTC4442EMS8E#PBF Distributor	LTC4442EMS8E#PBF Supplier
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Related Products

<p>LTC4441IMSE#TRPBF Manufacturers: ADI (Analog Devices, Inc.) Description: IC MOSFET DRIVER N-CH 10-MSOP In stock: 43916 pcs</p> <p>RFQ</p>	<p>LTC4442IMS8E#TRPBF Manufacturers: ADI (Analog Devices, Inc.) Description: IC DRVR NCH MOSFET 8-MSOP In stock: 50361 pcs</p> <p>RFQ</p>
<p>LTC4442IMS8E#PBF Manufacturers: ADI (Analog Devices, Inc.) Description: IC DRVR NCH MOSFET 8-MSOP In stock: 32474 pcs</p> <p>RFQ</p>	<p>LTC4441IS8-1#TRPBF Manufacturers: ADI (Analog Devices, Inc.) Description: IC MOSFET DRIVER N-CH 8-SOIC In stock: 37659 pcs</p> <p>RFQ</p>
<p>LTC4441IS8-1#PBF Manufacturers: ADI (Analog Devices, Inc.) Description: IC MOSFET DRIVER N-CH 8-SOIC In stock: 22858 pcs</p> <p>RFQ</p>	<p>LTC4442EMS8E#TRPBF Manufacturers: ADI (Analog Devices, Inc.) Description: IC DRVR NCH MOSFET 8-MSOP In stock: 56510 pcs</p> <p>RFQ</p>
<p>LTC4442IMS8E-1#PBF Manufacturers: ADI (Analog Devices, Inc.) Description: IC DRVR NCH MOSFET 8-MSOP In stock: 55564 pcs</p> <p>RFQ</p>	<p>LTC4441MPMSE#TRPBF Manufacturers: ADI (Analog Devices, Inc.) Description: IC MOSFET DRIVER N-CH 10-MSOP In stock: 15009 pcs</p> <p>RFQ</p>
<p>LTC4442EMS8E-1#TRPBF Manufacturers: ADI (Analog Devices, Inc.) Description: IC DRVR NCH MOSFET 8-MSOP In stock: 62908 pcs</p> <p>RFQ</p>	<p>LTC4441MPMSE#PBF Manufacturers: ADI (Analog Devices, Inc.) Description: IC MOSFET DRIVER N-CH 10-MSOP In stock: 8608 pcs</p> <p>RFQ</p>
<p>LTC4442EMS8E-1#PBF Manufacturers: Linear Technology Description: IC DRVR NCH MOSFET 8-MSOP In stock: 42196 pcs</p> <p>RFQ</p>	<p>LTC4441IMSE#PBF Manufacturers: ADI (Analog Devices, Inc.) Description: IC MOSFET DRIVER N-CH 10-MSOP In stock: 21087 pcs</p> <p>RFQ</p>