

**LTC4440EMS8E#PBF**



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**Part Number:** [LTC4440EMS8E#PBF](#)  
**Manufacturer:** [ADI \(Analog Devices, Inc.\)](#)  
**Description:** IC HIGH-SIDE DRIVER HS HV 8-MSOP  
**Data sheet:** [PDF Mac OS X Shortcuts](#)  
[PDF LTspice Flyer](#)  
[PDF LTspice IV Getting Started Guide](#)  
[PDF LTC4440 Datasheet](#)

**RoHS Status:** Lead free / RoHS Compliant  
**Ship From:** Hong Kong  
**Shipment Way:** DHL/Fedex/TNT/UPS/EMS

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**PRODUCT PARAMETER**

<b>Part Number</b>	LTC4440EMS8E#PBF	<b>Manufacturer</b>	<a href="#">ADI (Analog Devices, Inc.)</a>
<b>Description</b>	IC HIGH-SIDE DRIVER HS HV 8-MSOP	<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant
<b>Quantity Available</b>	45905 pcs	<b>Data sheet</b>	<a href="#">Mac OS X Shortcuts</a> <a href="#">LTspice Flyer</a> <a href="#">LTspice IV Getting Started Guide</a> <a href="#">LTC4440 Datasheet</a>
<b>Category</b>	<a href="#">Integrated Circuits (ICs)</a>	<b>Voltage - Supply</b>	8 V ~ 15 V
<b>Supplier Device Package</b>	8-MSOP-EP	<b>Series</b>	-
<b>Rise / Fall Time (Typ)</b>	10ns, 7ns	<b>Packaging</b>	Tube
<b>Package / Case</b>	8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Exposed Pad	<b>Other Names</b>	LTC4440EMS8EPBF
<b>Operating Temperature</b>	-40°C ~ 125°C (TJ)	<b>Number of Drivers</b>	1
<b>Mounting Type</b>	Surface Mount	<b>Moisture Sensitivity Level (MSL)</b>	1 (Unlimited)
<b>Manufacturer Standard Lead Time</b>	12 Weeks	<b>Logic Voltage - VIL, VIH</b>	1.3V, 1.6V
<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant	<b>Input Type</b>	Non-Inverting
<b>High Side Voltage - Max (Bootstrap)</b>	80V	<b>Gate Type</b>	N-Channel MOSFET
<b>Driven Configuration</b>	High-Side	<b>Detailed Description</b>	High-Side Gate Driver IC Non-Inverting 8-MSOP-EP
<b>Current - Peak Output (Source, Sink)</b>	2.4A, 2.4A	<b>Channel Type</b>	Single
<b>Base Part Number</b>	LTC4440		

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	<b>Part#:</b> <a href="#">LTC4440EMS8E-5#PBF</a> <b>Description:</b> IC HIGH-SIDE DVR HS HV 8-MSOP	<b>Manufacturers:</b> <a href="#">ADI (Analog Devices, Inc.)</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">LTC4440AIMS8E-5#PBF</a> <b>Description:</b> IC HIGH-SIDE DVR HS HV 8-MSOP	<b>Manufacturers:</b> <a href="#">ADI (Analog Devices, Inc.)</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">LTC4440IMS8E#TRPBF</a> <b>Description:</b> IC DRIVER HIGH/LOW SIDE 8MSOP	<b>Manufacturers:</b> <a href="#">ADI (Analog Devices, Inc.)</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">LTC4425IDD#TRPBF</a> <b>Description:</b> IC SUPERCAP CHRGR DIO/MON 12DFN	<b>Manufacturers:</b> <a href="#">ADI (Analog Devices, Inc.)</a>	<a href="#">RFQ</a>
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	<b>Part#:</b> <a href="#">LTC4440EMS8E-5#TRPBF</a> <b>Description:</b> IC HIGH-SIDE DVR HS HV 8-MSOP	<b>Manufacturers:</b> <a href="#">ADI (Analog Devices, Inc.)</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">LTC4440IMS8E#PBF</a> <b>Description:</b> IC DRIVER HIGH/LOW SIDE 8MSOP	<b>Manufacturers:</b> <a href="#">ADI (Analog Devices, Inc.)</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">LTC4440ES6#TRPBF</a> <b>Description:</b> IC HIGH-SIDE DVR HS HV SOT23-6	<b>Manufacturers:</b> <a href="#">ADI (Analog Devices, Inc.)</a>	<a href="#">RFQ</a>
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	<b>Part#:</b> <a href="#">LTC4425IDD#PBF</a> <b>Description:</b> IC SUPERCAP CHARGER 12-DFN	<b>Manufacturers:</b> <a href="#">ADI (Analog Devices, Inc.)</a>	<a href="#">RFQ</a>
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	<b>Part#:</b> <a href="#">LTC4440ES6-5#TRPBF</a> <b>Description:</b> IC HIGH-SIDE DVR HS HV TSOT23-6	<b>Manufacturers:</b> <a href="#">ADI (Analog Devices, Inc.)</a>	<a href="#">RFQ</a>
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