



ADI (Analog Devices, Inc.)

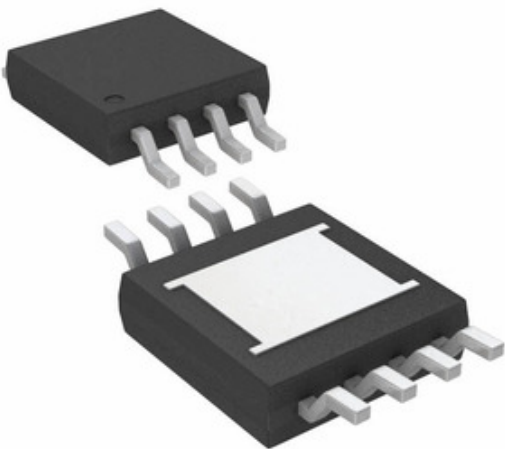


Image may be representation. See specifications for product details.

LTC4444EMS8E-5#TRPBF

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | LTC4444EMS8E-5#TRPBF                                                                                         |
| Manufacturer/Brand: | ADI (Analog Devices, Inc.)                                                                                   |
| Product description | IC MOSFET DRIVER N-CH 8-MSOP                                                                                 |
|                     |  1.LTC4444EMS8E-5#TRPBF.pdf |
|                     |  2.LTC4444EMS8E-5#TRPBF.pdf |
|                     |  3.LTC4444EMS8E-5#TRPBF.pdf |
|                     |  4.LTC4444EMS8E-5#TRPBF.pdf |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 47551 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

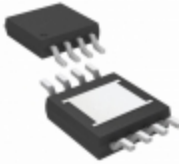
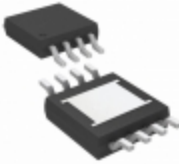
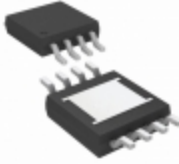
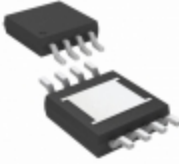
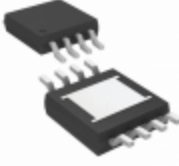
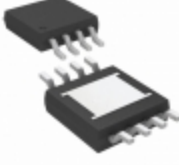
Specifications of LTC4444EMS8E-5#TRPBF

|                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|--------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                          | LTC4444EMS8E-5#TRPBF                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| MANUFACTURER                         | ADI (Analog Devices, Inc.)                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| DESCRIPTION                          | IC MOSFET DRIVER N-CH 8-MSOP                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| LEAD FREE STATUS / ROHS STATUS       | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| QUANTITY AVAILABLE                   | 47551 pcs                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| DATA SHEET                           |  1.LTC4444EMS8E-5#TRPBF.pdf<br> 2.LTC4444EMS8E-5#TRPBF.pdf<br> 3.LTC4444EMS8E-5#TRPBF.pdf<br> 4.LTC4444EMS8E-5#TRPBF.pdf |
| VOLTAGE - SUPPLY                     | 4.5 V ~ 13.5 V                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| SUPPLIER DEVICE PACKAGE              | 8-MSOP-EP                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| SERIES                               | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| RISE / FALL TIME (TYP)               | 8ns, 5ns                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| PACKAGING                            | Tape & Reel (TR)                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| PACKAGE / CASE                       | 8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Exposed Pad                                                                                                                                                                                                                                                                                                                                                                                                                   |
| OTHER NAMES                          | LTC4444EMS8E-5#TRPBF-ND<br>LTC4444EMS8E-5#TRPBFTR                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 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             | 1.85V, 3.25V                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| LEAD FREE STATUS / ROHS STATUS       | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| INPUT TYPE                           | Inverting                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| HIGH SIDE VOLTAGE - MAX (BOOTSTRAP)  | 114V                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| GATE TYPE                            | N-Channel MOSFET                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| DRIVEN CONFIGURATION                 | Half-Bridge                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| DETAILED DESCRIPTION                 | Half-Bridge Gate Driver IC Inverting 8-MSOP-EP                                                                                                                                                                                                                                                                                                                                                                                                                       |
| CURRENT - PEAK OUTPUT (SOURCE, SINK) | 2.5A, 3A                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| CHANNEL TYPE                         | Independent                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| BASE PART NUMBER                     | LTC4444                                                                                                                                                                                                                                                                                                                                                                                                                                                              |

Related Tags

|                                                 |                                           |                                                     |
|-------------------------------------------------|-------------------------------------------|-----------------------------------------------------|
| ADI (Analog Devices, Inc.) LTC4444EMS8E-5#TRPBF | LTC4444EMS8E-5#TRPBF Distributor          | LTC4444EMS8E-5#TRPBF Supplier                       |
| LTC4444EMS8E-5#TRPBF Price                      | LTC4444EMS8E-5#TRPBF Pictures             | LTC4444EMS8E-5#TRPBF Image                          |
| LTC4444EMS8E-5#TRPBF PDF Datasheet              | LTC4444EMS8E-5#TRPBF Download Datasheet   | LTC4444EMS8E-5#TRPBF Datasheet                      |
| LTC4444EMS8E-5#TRPBF Stock                      | Buy LTC4444EMS8E-5#TRPBF                  | Buy ADI (Analog Devices, Inc.) LTC4444EMS8E-5#TRPBF |
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| ADI (Analog Devices, Inc.) LTC4444EMS8E-5#TRPBF | AD LTC4444EMS8E-5#TRPBF                   | ADI (Analog Devices, Inc.) LTC4444EMS8E-5#TRPBF     |
| Analog Devices Inc. LTC4444EMS8E-5#TRPBF        | Analog Devices, Inc. LTC4444EMS8E-5#TRPBF |                                                     |

Related Products

|                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                     |
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|  <div><b>LTC4444IMS8E#PBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC DRVR NCH MOSFET 8MSOP<br/>In stock: 23356 pcs<br/><div>RFQ</div></div>             |  <div><b>LTC4444EMS8E#TRPBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC DRVR NCH MOSFET 8MSOP<br/>In stock: 24478 pcs<br/><div>RFQ</div></div>         |
|  <div><b>LTC4444HMS8E#TRPBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC MOSFET DVR N-CH SYNC HV 8MSOP<br/>In stock: 35500 pcs<br/><div>RFQ</div></div>   |  <div><b>LTC4444EMS8E#PBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC MOSFET DRIVER N-CH 8-MSOP<br/>In stock: 27736 pcs<br/><div>RFQ</div></div>       |
|  <div><b>LTC4444HMS8E-5#TRPBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC MOSFET DVR N-CH SYNC HV 8MSOP<br/>In stock: 36214 pcs<br/><div>RFQ</div></div> |  <div><b>LTC4442IMS8E-1#PBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC DRVR NCH MOSFET 8-MSOP<br/>In stock: 55564 pcs<br/><div>RFQ</div></div>        |
|  <div><b>LTC4444HMS8E#PBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC MOSFET DVR N-CH SYNC HV 8MSOP<br/>In stock: 35296 pcs<br/><div>RFQ</div></div>     |  <div><b>LTC4444HMS8E-5#PBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC MOSFET DVR N-CH SYNC HV 8MSOP<br/>In stock: 20792 pcs<br/><div>RFQ</div></div> |
|  <div><b>LTC4444EMS8E-5#PBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC MOSFET DRIVER N-CH 8-MSOP<br/>In stock: 29599 pcs<br/><div>RFQ</div></div>       |  <div><b>LTC4442IMS8E-1#TRPBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC DRVR NCH MOSFET 8-MSOP<br/>In stock: 46753 pcs<br/><div>RFQ</div></div>      |
|  <div><b>LTC4444IMS8E#TRPBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC DRVR NCH MOSFET 8MSOP<br/>In stock: 36057 pcs<br/><div>RFQ</div></div>           |  <div><b>LTC4442IMS8E#TRPBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC DRVR NCH MOSFET 8-MSOP<br/>In stock: 50361 pcs<br/><div>RFQ</div></div>        |