



ADI (Analog Devices, Inc.)

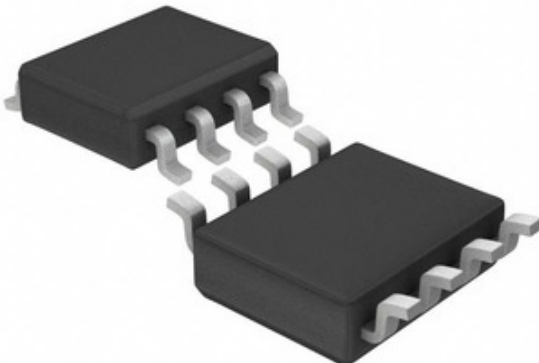


Image may be representation. See specifications for product details.

LTC1442CS8#PBF

|                     |                                                                                                                      |
|---------------------|----------------------------------------------------------------------------------------------------------------------|
| Part Number:        | LTC1442CS8#PBF                                                                                                       |
| Manufacturer/Brand: | ADI (Analog Devices, Inc.)                                                                                           |
| Product description | IC COMP W/REF LP DUAL 8-SOIC                                                                                         |
| Datasheets:         |  <a href="#">LTC1442CS8#PBF.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant         |
| Ship From           | Hong Kong                                                                                                            |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                |

REQUEST FOR QUOTATION

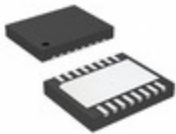
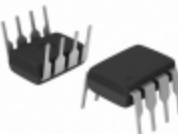
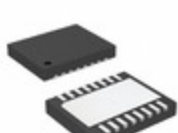
Specifications of LTC1442CS8#PBF

|                                   |                                                                                                                        |
|-----------------------------------|------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                       | LTC1442CS8#PBF                                                                                                         |
| MANUFACTURER                      | ADI (Analog Devices, Inc.)                                                                                             |
| DESCRIPTION                       | IC COMP W/REF LP DUAL 8-SOIC                                                                                           |
| LEAD FREE STATUS / ROHS STATUS    | Lead free / RoHS Compliant                                                                                             |
| DATA SHEET                        |  <a href="#">LTC1442CS8#PBF.pdf</a> |
| VOLTAGE - SUPPLY, SINGLE/DUAL (±) | 2 V ~ 11 V, ±1 V ~ 5.5 V                                                                                               |
| VOLTAGE - INPUT OFFSET (MAX)      | 10mV @ 5V                                                                                                              |
| TYPE                              | with Voltage Reference                                                                                                 |
| SUPPLIER DEVICE PACKAGE           | 8-SOIC                                                                                                                 |
| SERIES                            | -                                                                                                                      |
| PROPAGATION DELAY (MAX)           | 15µs                                                                                                                   |
| PACKAGING                         | Tube                                                                                                                   |
| PACKAGE / CASE                    | 8-SOIC (0.154", 3.90mm Width)                                                                                          |
| OUTPUT TYPE                       | CMOS, TTL                                                                                                              |
| OTHER NAMES                       | LTC1442CS8PBF                                                                                                          |
| OPERATING TEMPERATURE             | 0°C ~ 70°C                                                                                                             |
| NUMBER OF ELEMENTS                | 2                                                                                                                      |
| MOUNTING TYPE                     | Surface Mount                                                                                                          |
| MOISTURE SENSITIVITY LEVEL (MSL)  | 1 (Unlimited)                                                                                                          |
| MANUFACTURER STANDARD LEAD TIME   | 12 Weeks                                                                                                               |
| LEAD FREE STATUS / ROHS STATUS    | Lead free / RoHS Compliant                                                                                             |
| HYSTERESIS                        | 50mV                                                                                                                   |
| DETAILED DESCRIPTION              | Comparator with Voltage Reference CMOS, TTL 8-SOIC                                                                     |
| CURRENT - QUIESCENT (MAX)         | 5.7µA                                                                                                                  |
| CURRENT - OUTPUT (TYP)            | 40mA                                                                                                                   |
| CURRENT - INPUT BIAS (MAX)        | -                                                                                                                      |
| CMRR, PSRR (TYP)                  | 80dB CMRR, 80dB PSRR                                                                                                   |
| BASE PART NUMBER                  | LTC1442                                                                                                                |

Related Tags

|                                           |                                     |                                               |
|-------------------------------------------|-------------------------------------|-----------------------------------------------|
| ADI (Analog Devices, Inc.) LTC1442CS8#PBF | LTC1442CS8#PBF Distributor          | LTC1442CS8#PBF Supplier                       |
| LTC1442CS8#PBF Price                      | LTC1442CS8#PBF Pictures             | LTC1442CS8#PBF Image                          |
| LTC1442CS8#PBF PDF Datasheet              | LTC1442CS8#PBF Download Datasheet   | LTC1442CS8#PBF Datasheet                      |
| LTC1442CS8#PBF Stock                      | Buy LTC1442CS8#PBF                  | Buy ADI (Analog Devices, Inc.) LTC1442CS8#PBF |
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| ADI (Analog Devices, Inc.) LTC1442CS8#PBF | AD LTC1442CS8#PBF                   | ADI (Analog Devices, Inc.) LTC1442CS8#PBF     |
| Analog Devices Inc. LTC1442CS8#PBF        | Analog Devices, Inc. LTC1442CS8#PBF |                                               |

Related Products

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| <div></div> <div><b>LTC1443CDHD#PBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC COMP W/REF LOWPWR QUAD 16DFN<br/>In stock: 26 pcs<br/><div>RFQ</div></div>  | <div></div> <div><b>LTC1441IN8#PBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC COMP W/REF LP DUAL 8-DIP<br/>In stock: Out stock<br/><div>RFQ</div></div>         |
| <div></div> <div><b>LTC1442IS8#PBF</b><br/>Manufacturers: Linear Technology<br/>Description: IC COMP W/REF LP DUAL 8-SOIC<br/>In stock: 215 pcs<br/><div>RFQ</div></div>              | <div></div> <div><b>LTC1441CS8#TRPBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC COMP W/REF LP DUAL 8-SOIC<br/>In stock: Out stock<br/><div>RFQ</div></div>      |
| <div></div> <div><b>LTC1441IS8#TRPBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC COMP W/REF LP DUAL 8-SOIC<br/>In stock: Out stock<br/><div>RFQ</div></div> | <div></div> <div><b>LTC1443CDHD#TRPBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC COMP W/REF LOW PWR QUAD 16DFN<br/>In stock: Out stock<br/><div>RFQ</div></div> |
| <div></div> <div><b>LTC1442IS8#TRPBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC COMP W/REF LP DUAL 8-SOIC<br/>In stock: Out stock<br/><div>RFQ</div></div> | <div></div> <div><b>LTC1441IS8#PBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC COMP W/REF LP DUAL 8-SOIC<br/>In stock: 746 pcs<br/><div>RFQ</div></div>          |
| <div></div> <div><b>LTC1442CS8#TRPBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC COMP W/REF LP DUAL 8-SOIC<br/>In stock: Out stock<br/><div>RFQ</div></div> | <div></div> <div><b>LTC1441CS8#PBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC COMP W/REF LP DUAL 8-SOIC<br/>In stock: 511 pcs<br/><div>RFQ</div></div>          |
| <div></div> <div><b>LTC1442CN8#PBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC COMP W/REF LP DUAL 8-DIP<br/>In stock: 485 pcs<br/><div>RFQ</div></div>      | <div></div> <div><b>LTC1442IN8#PBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC COMP W/REF LP DUAL 8-DIP<br/>In stock: 126 pcs<br/><div>RFQ</div></div>           |