



ADI (Analog Devices, Inc.)

## LTC2983CLX#PBF

Part Number: LTC2983CLX#PBF  
 Manufacturer/Brand: ADI (Analog Devices, Inc.)  
 Product description: IC SENSOR THERMAL  
 Datasheets: [1.LTC2983CLX#PBF.pdf](#)  
[2.LTC2983CLX#PBF.pdf](#)  
 RoHS Status: Lead free / RoHS Compliant  
 Ship From: Hong Kong  
 Shipment Way: DHL/Fedex/TNT/UPS/EMS

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Image may be representation. See specifications for product details.

### Specifications of LTC2983CLX#PBF

|                                  |  |
|----------------------------------|--|
| PART NUMBER                      | LTC2983CLX#PBF   |
| MANUFACTURER                     | ADI (Analog Devices, Inc.)   |
| DESCRIPTION                      | IC SENSOR THERMAL  |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant   |
| DATA SHEET                       | <a href="#">1.LTC2983CLX#PBF.pdf</a><br><a href="#">2.LTC2983CLX#PBF.pdf</a>             |
| VOLTAGE - SUPPLY                 | 2.85 V ~ 5.25 V  |
| TOPOLOGY                         | ADC (Sigma Delta), Multiplexer, Register Bank  |
| SUPPLIER DEVICE PACKAGE          | 48-LQFP (7x7)  |
| SERIES                           | -  |
| SENSOR TYPE                      | External   |
| SENSING TEMPERATURE              | -265°C ~ 1800°C  |
| PACKAGING                        | Tray   |
| PACKAGE / CASE                   | 48-LQFP  |
| OUTPUT TYPE                      | SPI  |
| OUTPUT FAN                       | No   |
| OUTPUT ALARM                     | No   |
| OPERATING TEMPERATURE            | 0°C ~ 70°C   |
| MOUNTING TYPE                    | Surface Mount  |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)  |
| MANUFACTURER STANDARD LEAD TIME  | 8 Weeks  |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant   |
| FUNCTION                         | Temp Monitoring System (Sensor)  |
| DETAILED DESCRIPTION             | Temp Monitoring System (Sensor) -265°C ~ 1800°C External Sensor SPI Output 48-LQFP (7x7) |
| BASE PART NUMBER                 | LTC2983  |
| ACCURACY                         | -  |

### Related Tags

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| <a href="#">ADI (Analog Devices, Inc.) LTC2983CLX#PBF</a> | <a href="#">LTC2983CLX#PBF Distributor</a>          | <a href="#">LTC2983CLX#PBF Supplier</a>                       |
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### Related Products

|   |  |
|---|--|
| <p><b>LTC2980CY</b><br/>                 Manufacturers: ADI (Analog Devices, Inc.)<br/>                 Description: IC PWR SUPPLY MGR<br/>                 In stock: Out stock<br/> <a href="#">RFQ</a></p>                  | <p><b>LTC2980IY#PBF</b><br/>                 Manufacturers: ADI (Analog Devices, Inc.)<br/>                 Description: IC SYSTEM MGR PMBUS 16CH 144BGA<br/>                 In stock: Out stock<br/> <a href="#">RFQ</a></p> |
| <p><b>LTC2983ILX#PBF</b><br/>                 Manufacturers: ADI (Analog Devices, Inc.)<br/>                 Description: IC SENSOR THERMAL<br/>                 In stock: 110 pcs<br/> <a href="#">RFQ</a></p>               | <p><b>LTC2984CLX</b><br/>                 Manufacturers: ADI (Analog Devices, Inc.)<br/>                 Description: IC PWR SUPPLY MGR<br/>                 In stock: Out stock<br/> <a href="#">RFQ</a></p>                  |
| <p><b>LTC2983HLX</b><br/>                 Manufacturers: ADI (Analog Devices, Inc.)<br/>                 Description: IC PWR SUPPLY MGR<br/>                 In stock: Out stock<br/> <a href="#">RFQ</a></p>                 | <p><b>LTC2979IY#PBF</b><br/>                 Manufacturers: ADI (Analog Devices, Inc.)<br/>                 Description: 16-CHANNEL PMBUS LOW-VOLTAGE POW<br/>                 In stock: 168 pcs<br/> <a href="#">RFQ</a></p>  |
| <p><b>LTC2980IY</b><br/>                 Manufacturers: ADI (Analog Devices, Inc.)<br/>                 Description: IC PWR SUPPLY MGR<br/>                 In stock: Out stock<br/> <a href="#">RFQ</a></p>                  | <p><b>LTC2980CY#PBF</b><br/>                 Manufacturers: ADI (Analog Devices, Inc.)<br/>                 Description: IC SYSTEM MGR PMBUS 16CH 144BGA<br/>                 In stock: 79 pcs<br/> <a href="#">RFQ</a></p>    |
| <p><b>LTC2983CLX</b><br/>                 Manufacturers: ADI (Analog Devices, Inc.)<br/>                 Description: IC PWR SUPPLY MGR<br/>                 In stock: Out stock<br/> <a href="#">RFQ</a></p>                 | <p><b>LTC2983HLX#PBF</b><br/>                 Manufacturers: ADI (Analog Devices, Inc.)<br/>                 Description: MULTI SENSOR HIGH ACCURACY DIGIT<br/>                 In stock: 416 pcs<br/> <a href="#">RFQ</a></p> |
| <p><b>LTC2984CLX#PBF</b><br/>                 Manufacturers: ADI (Analog Devices, Inc.)<br/>                 Description: IC SENSOR TEMP MEASUREMNT 48LQFP<br/>                 In stock: 62 pcs<br/> <a href="#">RFQ</a></p> | <p><b>LTC2983ILX</b><br/>                 Manufacturers: ADI (Analog Devices, Inc.)<br/>                 Description: IC PWR SUPPLY MGR<br/>                 In stock: Out stock<br/> <a href="#">RFQ</a></p>                  |