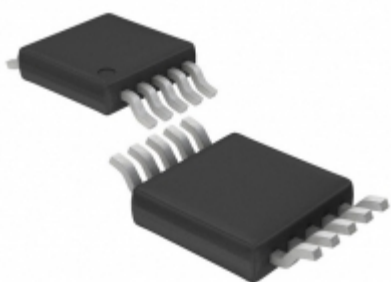


LTC2431IMS#PBF





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Part Number: [LTC2431IMS#PBF](#)

Manufacturer: [ADI \(Analog Devices, Inc.\)](#)

Description: IC ADC 20BIT DIFFINPUT/REF10MSOP

Data sheet:  [LTC2430/31](#)

RoHs Status: Lead free / RoHS Compliant

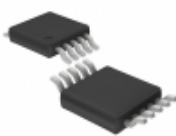
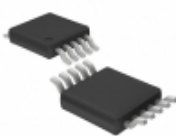
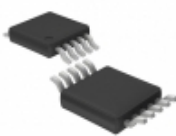
Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

Images are for reference only.  
See Product Specifications for product details.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                           |                                 |                                                                  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|---------------------------------|------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | LTC2431IMS#PBF                            | Manufacturer                    | <a href="#">ADI (Analog Devices, Inc.)</a>                       |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | IC ADC 20BIT DIFFINPUT/REF10MSOP          | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                       |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 21305 pcs                                 | Data sheet                      | <a href="#">LTC2430/31</a>                                       |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply, Digital       | 2.7 V ~ 5.5 V                                                    |
| Voltage - Supply, Analog                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 2.7 V ~ 5.5 V                             | Supplier Device Package         | 10-MSOP                                                          |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | microPOWER™                               | Sampling Rate (Per Second)      | 7.5                                                              |
| Reference Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | External                                  | Ratio - S/H:ADC                 | -                                                                |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Tube                                      | Package / Case                  | 10-TFSOP, 10-MSOP (0.118", 3.00mm Width)                         |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                            | -40°C ~ 85°C                              | Number of Inputs                | 1                                                                |
| Number of Bits                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 20                                        | Number of A/D Converters        | 1                                                                |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 1 (Unlimited)                             | Manufacturer Standard Lead Time | 12 Weeks                                                         |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Lead free / RoHS Compliant                | Input Type                      | Differential                                                     |
| Features                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | -                                         | Detailed Description            | 20 Bit Analog to Digital Converter 1 Input 1 Sigma-Delta 10-MSOP |
| Data Interface                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | SPI                                       | Configuration                   | ADC                                                              |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | LTC2431                                   | Architecture                    | Sigma-Delta                                                      |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all ADI (Analog Devices, Inc.) series electronic components. We have 21305 pieces of ADI (Analog Devices, Inc.) LTC2431IMS#PBF in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.<br>RFQ Email: <a href="mailto:info@Components-World.com">info@Components-World.com</a> |                                           |                                 |                                                                  |

| RELATED PRODUCTS                                                                   |                                                                                           |                                                           |                |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------|
|  | Part#: <a href="#">LTC2431CMS#PBF</a><br>Description: IC ADC 20BIT DIFFINPUT/REF10MSOP    | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC2435-1CGN#TRPBF</a><br>Description: IC ADC DIFF I/REF 20BIT 16-SSOP | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC2428IG#TRPBF</a><br>Description: IC ADC 20BIT 8CH MICROPWR 28SSOP   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC2430IGN#TRPBF</a><br>Description: IC ADC 20BIT DIFFINPUT/REF16SSOP  | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC2431IMS#TRPBF</a><br>Description: IC ADC 20BIT DIFFINPUT/REF10MSOP  | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC2430IGN#PBF</a><br>Description: IC ADC 20BIT DIFFINPUT/REF16SSOP    | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC2433-1CMS#TRPBF</a><br>Description: IC ADC DIFF 16BIT 3WIRE 10-MSOP | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC2428CG#PBF</a><br>Description: IC ADC 20BIT 8CH MICROPWR 28SSOP     | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC2435CGN#PBF</a><br>Description: IC ADC DIFF I/REF 20BIT 16-SSOP     | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC2433-1IMS#TRPBF</a><br>Description: IC ADC DIFF 16BIT 3WIRE 10-MSOP | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC2433-1IMS#PBF</a><br>Description: IC ADC DIFF 16BIT 3WIRE 10-MSOP   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC2428IG#PBF</a><br>Description: IC ADC 20BIT 8CH MICROPWR 28SSOP     | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC2433-1CMS#PBF</a><br>Description: IC ADC DIFF 16BIT 3WIRE 10-MSOP   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC2430CGN#TRPBF</a><br>Description: IC ADC 20BIT DIFFINPUT/REF16SSOP  | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC2430CGN#PBF</a><br>Description: IC ADC 20BIT DIFFINPUT/REF16SSOP    | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
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