



ADI (Analog Devices, Inc.)

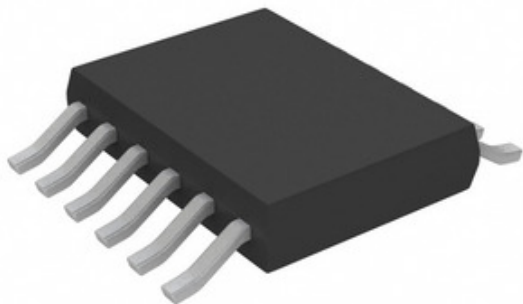


Image may be representation. See specifications for product details.

LTC2301IMS#TRPBF

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | LTC2301IMS#TRPBF                                                                                             |
| Manufacturer/Brand: | ADI (Analog Devices, Inc.)                                                                                   |
| Product description | IC ADC 12-BIT 1CHN 12-MSOP                                                                                   |
| Datasheets:         |  LTC2301IMS#TRPBF.pdf       |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

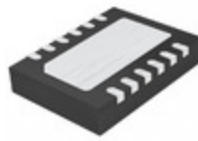
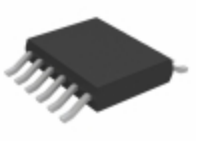
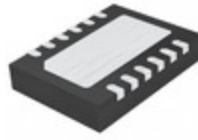
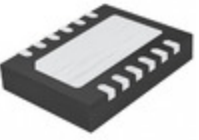
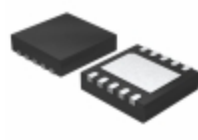
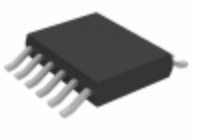
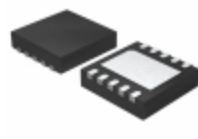
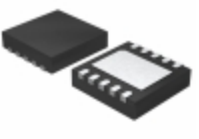
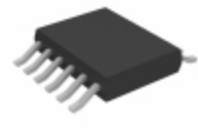
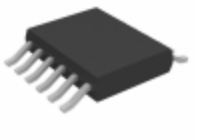
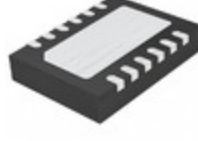
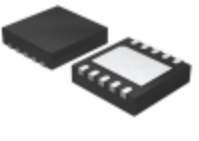
Specifications of LTC2301IMS#TRPBF

|                                  |                                                                                                          |
|----------------------------------|----------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | LTC2301IMS#TRPBF                                                                                         |
| MANUFACTURER                     | ADI (Analog Devices, Inc.)                                                                               |
| DESCRIPTION                      | IC ADC 12-BIT 1CHN 12-MSOP                                                                               |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                               |
| DATA SHEET                       |  LTC2301IMS#TRPBF.pdf |
| VOLTAGE - SUPPLY, DIGITAL        | 5V                                                                                                       |
| VOLTAGE - SUPPLY, ANALOG         | 5V                                                                                                       |
| SUPPLIER DEVICE PACKAGE          | 12-MSOP                                                                                                  |
| SERIES                           | -                                                                                                        |
| SAMPLING RATE (PER SECOND)       | 14k                                                                                                      |
| REFERENCE TYPE                   | External, Internal                                                                                       |
| RATIO - S/H:ADC                  | 1:1                                                                                                      |
| PACKAGING                        | Tape & Reel (TR)                                                                                         |
| PACKAGE / CASE                   | 12-TSSOP (0.118", 3.00mm Width)                                                                          |
| OPERATING TEMPERATURE            | -40°C ~ 85°C                                                                                             |
| NUMBER OF INPUTS                 | 1                                                                                                        |
| NUMBER OF BITS                   | 12                                                                                                       |
| NUMBER OF A/D CONVERTERS         | 1                                                                                                        |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                            |
| MANUFACTURER STANDARD LEAD TIME  | 16 Weeks                                                                                                 |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                               |
| INPUT TYPE                       | Differential, Single Ended                                                                               |
| FEATURES                         | Selectable Address                                                                                       |
| DETAILED DESCRIPTION             | 12 Bit Analog to Digital Converter 1 Input 1 SAR 12-MSOP                                                 |
| DATA INTERFACE                   | I²C                                                                                                      |
| CONFIGURATION                    | MUX-S/H-ADC                                                                                              |
| BASE PART NUMBER                 | LTC2301                                                                                                  |
| ARCHITECTURE                     | SAR                                                                                                      |

Related Tags

|                                             |                                       |                                                 |
|---------------------------------------------|---------------------------------------|-------------------------------------------------|
| ADI (Analog Devices, Inc.) LTC2301IMS#TRPBF | LTC2301IMS#TRPBF Distributor          | LTC2301IMS#TRPBF Supplier                       |
| LTC2301IMS#TRPBF Price                      | LTC2301IMS#TRPBF Pictures             | LTC2301IMS#TRPBF Image                          |
| LTC2301IMS#TRPBF PDF Datasheet              | LTC2301IMS#TRPBF Download Datasheet   | LTC2301IMS#TRPBF Datasheet                      |
| LTC2301IMS#TRPBF Stock                      | Buy LTC2301IMS#TRPBF                  | Buy ADI (Analog Devices, Inc.) LTC2301IMS#TRPBF |
| ADI (Analog Devices, Inc.) LTC2301IMS#TRPBF | ADI (Analog Devices, Inc.) Supplier   | ADI (Analog Devices, Inc.) Distributor          |
| ADI (Analog Devices, Inc.) LTC2301IMS#TRPBF | AD LTC2301IMS#TRPBF                   | ADI (Analog Devices, Inc.) LTC2301IMS#TRPBF     |
| Analog Devices Inc. LTC2301IMS#TRPBF        | Analog Devices, Inc. LTC2301IMS#TRPBF |                                                 |

Related Products

|                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                             |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>LTC2301IDE#PBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC ADC 12-BIT 1CHN 12-DFN<br/>In stock: 331 pcs<br/><div>RFQ</div></div>           | <div></div> <div><b>LTC2301HMS#TRPBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC ADC 12-BIT 1CHN 12-MSOP<br/>In stock: Out stock<br/><div>RFQ</div></div>      |
| <div></div> <div><b>LTC2305CDE#TRPBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC ADC 12-BIT 2CHN 12-DFN<br/>In stock: Out stock<br/><div>RFQ</div></div>       | <div></div> <div><b>LTC2305CDE#PBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC ADC 12-BIT 2CHN 12-DFN<br/>In stock: Out stock<br/><div>RFQ</div></div>         |
| <div></div> <div><b>LTC2302IDD#TRPBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC ADC 12-BIT 1CH 500KSPS 10DFN<br/>In stock: Out stock<br/><div>RFQ</div></div> | <div></div> <div><b>LTC2301CMS#TRPBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC ADC 12-BIT 1CHN 12-MSOP<br/>In stock: Out stock<br/><div>RFQ</div></div>      |
| <div></div> <div><b>LTC2302IDD#PBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC ADC 12BIT 1CH 500KSPS 10-DFN<br/>In stock: 108 pcs<br/><div>RFQ</div></div>     | <div></div> <div><b>LTC2302CDD#PBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC ADC 12BIT 1CH 500KSPS 10-DFN<br/>In stock: 91 pcs<br/><div>RFQ</div></div>      |
| <div></div> <div><b>LTC2301HMS#PBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC ADC 12-BIT 1CHN 12-MSOP<br/>In stock: Out stock<br/><div>RFQ</div></div>        | <div></div> <div><b>LTC2301IMS#PBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC ADC 12BIT I2C 12-MSOP<br/>In stock: 142 pcs<br/><div>RFQ</div></div>            |
| <div></div> <div><b>LTC2301IDE#TRPBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC ADC 12-BIT 1CHN 12-DFN<br/>In stock: Out stock<br/><div>RFQ</div></div>       | <div></div> <div><b>LTC2302CDD#TRPBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC ADC 12-BIT 1CH 500KSPS 10DFN<br/>In stock: Out stock<br/><div>RFQ</div></div> |