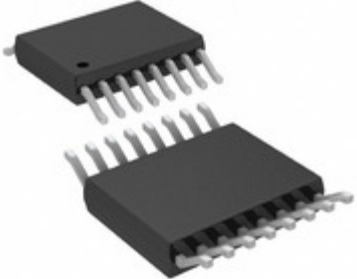


LTC2377IMS-20#TRPBF





AHEAD OF WHAT'S POSSIBLE™

Part Number:

LTC2377IMS-20#TRPBF

Manufacturer:

ADI (Analog Devices, Inc.)

Description:

IC ADC 20BIT 500KSPS 16MSOP

Data sheet:

 [LTC2377-20 Datasheet](#)

RoHs Status:

Lead free / RoHS Compliant

Ship From:

Hong Kong

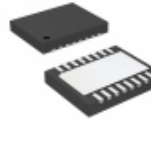
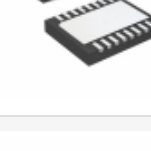
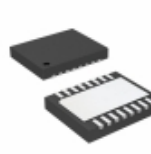
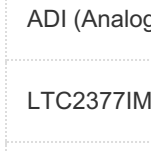
Shipment Way:

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                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | LTC2377IMS-20#TRPBF                       | Manufacturer                    | <a href="#">ADI (Analog Devices, Inc.)</a>               |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | IC ADC 20BIT 500KSPS 16MSOP               | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                               |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 2656 pcs                                  | Data sheet                      | <a href="#">LTC2377-20 Datasheet</a>                     |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply, Digital       | 2.375 V ~ 2.625 V                                        |
| Voltage - Supply, Analog                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 2.375 V ~ 2.625 V                         | Supplier Device Package         | 16-MSOP                                                  |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | -                                         | Sampling Rate (Per Second)      | 500k                                                     |
| Reference Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | External                                  | Ratio - S/H:ADC                 | 1:1                                                      |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Tape & Reel (TR)                          | Package / Case                  | 16-TFSOP (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 | 8 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 SAR 16-MSOP |
| Data Interface                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | SPI                                       | Configuration                   | S/H-ADC                                                  |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | LTC2377                                   | Architecture                    | SAR                                                      |
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| RELATED PRODUCTS                                                                   |                                                                                             |                                                           |                |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------|
|  | Part#: <a href="#">LTC2377IMS-16#TRPBF</a><br>Description: IC ADC 16BIT SPI 500KSPS 16MSOP  | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC2378CDE-16#TRPBF</a><br>Description: IC ADC 16BIT LP SAR 1MSPS 16-DFN | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC2378CMS-16#TRPBF</a><br>Description: IC ADC 16BIT 1MSPS 16-MSOP       | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC2378CDE-18#PBF</a><br>Description: IC ADC 18BIT 1MSPS 16-DFN          | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC2377IDE-16#TRPBF</a><br>Description: IC ADC 16BIT SPI 500KSPS 16DFN   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC2378CDE-18#TRPBF</a><br>Description: IC ADC 18BIT 1MSPS 16-DFN        | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC2378CDE-16#PBF</a><br>Description: IC ADC 16BIT LP SAR 1MSPS 16-DFN   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC2377IMS-16#PBF</a><br>Description: IC ADC 16BIT SPI 500KSPS 16MSOP    | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC2377IDE-18#PBF</a><br>Description: IC ADC 18BIT 500KSPS 16-DFN        | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC2378CDE-20#TRPBF</a><br>Description: IC ADC 20BIT 1MSPS 16DFN         | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC2377IDE-20#PBF</a><br>Description: IC ADC 20BIT 500KSPS 16DFN         | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC2378CMS-18#PBF</a><br>Description: IC ADC 18BIT 1MSPS 16-MSOP         | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC2378CMS-18#TRPBF</a><br>Description: IC ADC 18BIT 1MSPS 16-MSOP       | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
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