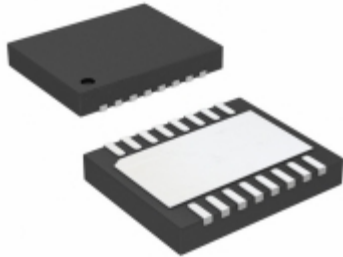


LTC2377CDE-18#TRPBF





AHEAD OF WHAT'S POSSIBLE™

Part Number: [LTC2377CDE-18#TRPBF](#)

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

Description: IC ADC 18BIT 500KSPS 16DFN

Data sheet:  [LTC2377-18](#)

RoHs Status: Lead free / RoHS Compliant

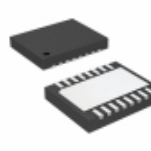
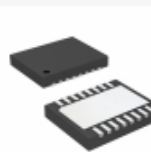
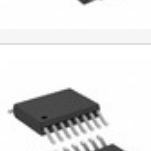
Ship From: Hong Kong

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                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | LTC2377CDE-18#TRPBF                       | Manufacturer                    | <a href="#">ADI (Analog Devices, Inc.)</a>                    |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | IC ADC 18BIT 500KSPS 16DFN                | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                    |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 3628 pcs                                  | Data sheet                      | <a href="#">LTC2377-18</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-DFN (4x3)                                                  |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | -                                         | Sampling Rate (Per Second)      | 500k                                                          |
| Reference Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | External                                  | Ratio - S/H:ADC                 | 1:1                                                           |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Tape & Reel (TR)                          | Package / Case                  | 16-WDFN Exposed Pad                                           |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 0°C ~ 70°C                                | Number of Inputs                | 1                                                             |
| Number of Bits                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 18                                        | 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            | 18 Bit Analog to Digital Converter 1 Input 1 SAR 16-DFN (4x3) |
| Data Interface                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | SPI                                       | Configuration                   | S/H-ADC                                                       |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | LTC2377                                   | Architecture                    | SAR                                                           |
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| RELATED PRODUCTS                                                                   |                                                                                            |                                                           |                |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------|
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|  | Part#: <a href="#">LTC2377CMS-16#PBF</a><br>Description: IC ADC 16BIT 500KSPS 16-MSOP      | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC2376IMS-20#TRPBF</a><br>Description: IC ADC 20BIT 250KSPS 16MSOP     | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC2377CDE-20#PBF</a><br>Description: IC ADC 20BIT 500KSPS 16DFN        | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC2377CMS-20#TRPBF</a><br>Description: IC ADC 20BIT 500KSPS 16MSOP     | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC2377CMS-18#PBF</a><br>Description: IC ADC 18BIT 500KSPS 16MSOP       | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC2377CMS-18#TRPBF</a><br>Description: IC ADC 18BIT 500KSPS 16MSOP     | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC2376IMS-18#PBF</a><br>Description: IC ADC 18BIT 250KSPS 16-MSOP      | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC2377CDE-18#PBF</a><br>Description: IC ADC 18BIT 500KSPS 16DFN        | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC2376IMS-20#PBF</a><br>Description: IC ADC 20BIT 250KSPS 16MSOP       | Manufacturers: <a href="#">Linear Technology</a>          | <div>RFQ</div> |
|  | Part#: <a href="#">LTC2377CDE-20#TRPBF</a><br>Description: IC ADC 20BIT 500KSPS 16DFN      | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC2377HMS-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="#">LTC2377CMS-20#PBF</a><br>Description: IC ADC 20BIT 500KSPS 16MSOP       | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC2376IMS-18#TRPBF</a><br>Description: IC ADC 18BIT 250KSPS 16-MSOP    | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC2377HMS-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="#">LTC2376IMS-16#TRPBF</a><br>Description: IC ADC 16BIT 250KSPS 16-MSOP    | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC2376IDE-20#TRPBF</a><br>Description: IC ADC 20BIT 250KSPS 16DFN      | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC2377CMS-16#TRPBF</a><br>Description: IC ADC 16BIT 500KSPS 16-MSOP    | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC2376IMS-16#PBF</a><br>Description: IC ADC 16BIT 250KSPS 16-MSOP      | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC2377CDE-16#TRPBF</a><br>Description: IC ADC 16BIT SPI 500KSPS 16DFN  | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |

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