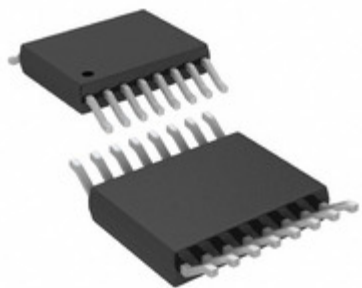


LTC2378IMS-16#PBF





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**Part Number:** [LTC2378IMS-16#PBF](#)

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

**Description:** IC ADC 16BIT SPI 1MSPS 16MSOP

**Data sheet:**  [LTC2378-16 Datasheet](#)

**RoHs Status:** Lead free / RoHS Compliant

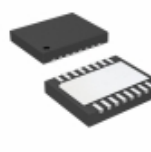
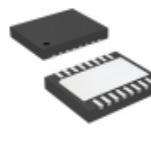
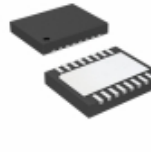
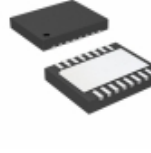
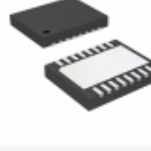
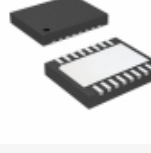
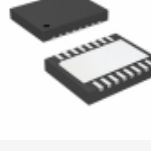
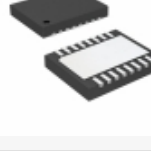
**Ship From:** Hong Kong

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

Images are for reference only.  
See Product Specifications for product details.  
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                           |                                 |                                                          |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|---------------------------------|----------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | LTC2378IMS-16#PBF                         | Manufacturer                    | <a href="#">ADI (Analog Devices, Inc.)</a>               |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | IC ADC 16BIT SPI 1MSPS 16MSOP             | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                               |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 4490 pcs                                  | Data sheet                      | <a href="#">LTC2378-16 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)      | 1M                                                       |
| Reference Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | External                                  | Ratio - S/H:ADC                 | 1:1                                                      |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Tube                                      | Package / Case                  | 16-TFSOP (0.118", 3.00mm Width)                          |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                              | -40°C ~ 85°C                              | Number of Inputs                | 1                                                        |
| Number of Bits                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 16                                        | Number of A/D Converters        | 1                                                        |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 1 (Unlimited)                             | Manufacturer Standard Lead Time | 14 Weeks                                                 |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Lead free / RoHS Compliant                | Input Type                      | Differential                                             |
| Features                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | -                                         | Detailed Description            | 16 Bit Analog to Digital Converter 1 Input 1 SAR 16-MSOP |
| Data Interface                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | SPI                                       | Configuration                   | S/H-ADC                                                  |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | LTC2378                                   | Architecture                    | SAR                                                      |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all ADI (Analog Devices, Inc.) series electronic components. We have 4490 pieces of ADI (Analog Devices, Inc.) LTC2378IMS-16#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="#">LTC2378HMS-16#TRPBF</a><br>Description: IC ADC 16BIT SPI 1MSPS 16MSOP | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LTC2378IMS-20#TRPBF</a><br>Description: IC ADC 20BIT 1MSPS 16MSOP     | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LTC2378IMS-18#TRPBF</a><br>Description: IC ADC 18BIT 1MSPS 16-MSOP    | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LTC2378IMS-16#TRPBF</a><br>Description: IC ADC 16BIT SPI 1MSPS 16MSOP | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LTC2379CDE-18#TRPBF</a><br>Description: IC ADC 18BIT SPI/SRL 16DFN    | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LTC2378HMS-18#PBF</a><br>Description: IC ADC 18BIT 1MSPS 16-MSOP      | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LTC2378IDE-16#TRPBF</a><br>Description: IC ADC 16BIT SPI 1MSPS 16DFN  | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LTC2378HMS-16#PBF</a><br>Description: IC ADC 16BIT SPI 1MSPS 16MSOP   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LTC2378HMS-18#TRPBF</a><br>Description: IC ADC 18BIT 1MSPS 16-MSOP    | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LTC2379CDE-18#PBF</a><br>Description: IC ADC 18BIT SPI/SRL 16DFN      | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LTC2379CMS-18#TRPBF</a><br>Description: IC ADC 18BIT SPI/SRL 16MSOP   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LTC2378IMS-20#PBF</a><br>Description: IC ADC 20BIT 1MSPS 16MSOP       | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LTC2378IDE-18#PBF</a><br>Description: IC ADC 18BIT 1MSPS 16-DFN       | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LTC2378IDE-16#PBF</a><br>Description: IC ADC 16BIT SPI 1MSPS 16DFN    | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LTC2379HMS-18#PBF</a><br>Description: IC ADC 18BIT SPI/SRL 16MSOP     | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LTC2378IDE-18#TRPBF</a><br>Description: IC ADC 18BIT 1MSPS 16-DFN     | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LTC2378IMS-18#PBF</a><br>Description: IC ADC 18BIT 1MSPS 16-MSOP      | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LTC2378IDE-20#TRPBF</a><br>Description: IC ADC 20BIT 1MSPS 16DFN      | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LTC2379CMS-18#PBF</a><br>Description: IC ADC 18BIT SPI/SRL 16MSOP     | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LTC2378IDE-20#PBF</a><br>Description: IC ADC 20BIT 1MSPS 16DFN        | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |

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