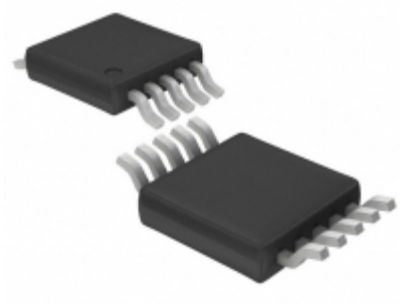


LTC2642IMS-16#TRPBF





AHEAD OF WHAT'S POSSIBLE™

Part Number: [LTC2642IMS-16#TRPBF](#)

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

Description: IC DAC 16BIT VOUT 10-MSOP

Data sheet:  [LTC2641, LTC2642 Datasheet](#)

RoHs Status: Lead free / RoHS Compliant

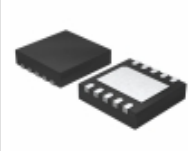
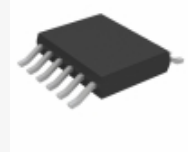
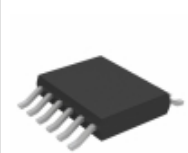
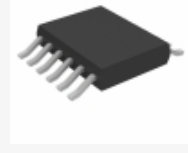
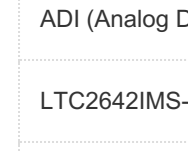
Ship From: Hong Kong

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                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | LTC2642IMS-16#TRPBF                       | Manufacturer                    | <a href="#">ADI (Analog Devices, Inc.)</a>   |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | IC DAC 16BIT VOUT 10-MSOP                 | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                   |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 10722 pcs                                 | Data sheet                      | <a href="#">LTC2641, LTC2642 Datasheet</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                                      |
| Settling Time                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 1µs (Typ)                                 | Series                          | -                                            |
| Reference Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | External                                  | Packaging                       | Tape & Reel (TR)                             |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 10-TFSOP, 10-MSOP (0.118", 3.00mm Width)  | Output Type                     | Voltage - Unbuffered                         |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | -40°C ~ 85°C                              | Number of D/A Converters        | 1                                            |
| Number of Bits                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 16                                        | Mounting Type                   | Surface Mount                                |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 1 (Unlimited)                             | Manufacturer Standard Lead Time | 16 Weeks                                     |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Lead free / RoHS Compliant                | INL/DNL (LSB)                   | ±0.5, ±0.5                                   |
| Differential Output                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | No                                        | Detailed Description            | 16 Bit Digital to Analog Converter 1 10-MSOP |
| Data Interface                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | SPI                                       | Base Part Number                | LTC2642                                      |
| Architecture                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | R-2R                                      |                                 |                                              |
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| RELATED PRODUCTS                                                                   |                                                                                       |                                                           |                |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------|
|  | Part#: <a href="#">LTC2642IDD-16#TRPBF</a><br>Description: IC DAC 16BIT VOUT 10-DFN   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC2644HMS-L10#PBF</a><br>Description: IC DAC 10-BIT VOUT 12MSOP   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC2644CMS-L10#PBF</a><br>Description: IC DAC 10-BIT VOUT 12MSOP   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC2642IDD-16#PBF</a><br>Description: IC DAC 16BIT VOUT 10-DFN     | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC2644HMS-L10#TRPBF</a><br>Description: IC DAC 10-BIT VOUT 12MSOP | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC2642IDD-14#PBF</a><br>Description: IC DAC 14BIT VOUT 10-DFN     | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC2644CMS-L8#TRPBF</a><br>Description: IC DAC 8-BIT VOUT 12MSOP   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC2644CMS-L8#PBF</a><br>Description: IC DAC 8-BIT VOUT 12MSOP     | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC2642IDD-14#TRPBF</a><br>Description: IC DAC 14BIT VOUT 10-DFN   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC2642IMS-16#PBF</a><br>Description: IC DAC 16BIT VOUT 10-MSOP    | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC2642IDD-12#TRPBF</a><br>Description: IC DAC 12BIT VOUT 10-DFN   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC2644HMS-L12#TRPBF</a><br>Description: IC DAC 12-BIT VOUT 12MSOP | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC2644CMS-L12#PBF</a><br>Description: IC DAC 12-BIT VOUT 12MSOP   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC2644CMS-L10#TRPBF</a><br>Description: IC DAC 10-BIT VOUT 12MSOP | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC2644CMS-L12#TRPBF</a><br>Description: IC DAC 12-BIT VOUT 12MSOP | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC2644HMS-L12#PBF</a><br>Description: IC DAC 12-BIT VOUT 12MSOP   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC2642IMS-12#PBF</a><br>Description: IC DAC 12BIT VOUT 10-MSOP    | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC2642IMS-12#TRPBF</a><br>Description: IC DAC 12BIT VOUT 10-MSOP  | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC2642IMS-14#PBF</a><br>Description: IC DAC 14BIT VOUT 10-MSOP    | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC2642IMS-14#TRPBF</a><br>Description: IC DAC 14BIT VOUT 10-MSOP  | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |

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