

LTC1592ACG#PBF





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Part Number: [LTC1592ACG#PBF](#)

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

Description: IC D/A CONV 16BIT SOFTSPAN16SSOP

Data sheet:  [LTC1588, 89, LTC1592](#)

RoHs Status: Lead free / RoHS Compliant

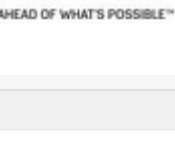
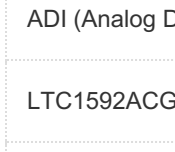
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                              |                                  |                                            |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------|----------------------------------|--------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | LTC1592ACG#PBF                               | Manufacturer                     | <a href="#">ADI (Analog Devices, Inc.)</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | IC D/A CONV 16BIT SOFTSPAN16SSOP             | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                 |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 3408 pcs                                     | Data sheet                       | <a href="#">LTC1588, 89, LTC1592</a>       |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <a href="#">Integrated Circuits (ICs)</a>    | Voltage - Supply, Digital        | 5V                                         |
| Voltage - Supply, Analog                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 5V                                           | Supplier Device Package          | 16-SSOP                                    |
| Settling Time                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 2μs (Typ)                                    | Series                           | SoftSpan™                                  |
| Reference Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | External                                     | Packaging                        | Tube                                       |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 16-SSOP (0.209", 5.30mm Width)               | Output Type                      | Current - Unbuffered                       |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | LTC1592ACGPBF                                | Operating Temperature            | 0°C ~ 70°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                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 8 Weeks                                      | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                 |
| INL/DNL (LSB)                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | ±0.4, ±0.2                                   | Differential Output              | Yes                                        |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 16 Bit Digital to Analog Converter 1 16-SSOP | Data Interface                   | SPI                                        |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                | LTC1592                                      | Architecture                     | Multiplying DAC                            |
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| RELATED PRODUCTS                                                                   |                                                                                          |                                                           |     |
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|  | Part#: <a href="#">LTC1591IG#PBF</a><br>Description: IC D/A CONV 14BIT PAR 28-SSOP       | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | RFQ |
|  | Part#: <a href="#">LTC1591-1IG#TRPBF</a><br>Description: IC D/A CONV 14BIT PAR 28-SSOP   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | RFQ |
|  | Part#: <a href="#">LTC1592BCG</a><br>Description: IC D/A CONV 16BIT SOFTSPAN16SSOP       | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | RFQ |
|  | Part#: <a href="#">LTC1591CG#PBF</a><br>Description: IC D/A CONV 14BIT PAR 28-SSOP       | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | RFQ |
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|  | Part#: <a href="#">LTC1591-1IN#PBF</a><br>Description: IC D/A CONV 14BIT PAR 28-DIP      | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | RFQ |
|  | Part#: <a href="#">LTC1594CS#TRPBF</a><br>Description: IC A/D CONV 12BIT SRL 4CH 16SOIC  | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | RFQ |
|  | Part#: <a href="#">LTC1592ACG#TRPBF</a><br>Description: IC D/A CONV 16BIT SOFTSPAN16SSOP | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | RFQ |
|  | Part#: <a href="#">LTC1592BIG#PBF</a><br>Description: IC D/A CONV 16BIT SOFTSPAN16SSOP   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | RFQ |
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|  | Part#: <a href="#">LTC1592BCG#PBF</a><br>Description: IC D/A CONV 16BIT SOFTSPAN16SSOP   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | RFQ |
|  | Part#: <a href="#">LTC1591-1CN#PBF</a><br>Description: IC D/A CONV 14BIT PAR 28-DIP      | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | RFQ |
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|  | Part#: <a href="#">LTC1591IG#TRPBF</a><br>Description: IC D/A CONV 14BIT PAR 28-SSOP     | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | RFQ |
|  | Part#: <a href="#">LTC1594CS#PBF</a><br>Description: IC A/D CONV 12BIT SRL 4CH 16SOIC    | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | RFQ |
|  | Part#: <a href="#">LTC1591IN#PBF</a><br>Description: IC D/A CONV 14BIT PAR 28-DIP        | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | RFQ |
|  | Part#: <a href="#">LTC1592BCG#TRPBF</a><br>Description: IC D/A CONV 16BIT SOFTSPAN16SSOP | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | RFQ |
|  | Part#: <a href="#">LTC1591CN#PBF</a><br>Description: IC D/A CONV 14BIT PAR 28-DIP        | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | RFQ |

| Related keywords for LTC1592ACG#PBF       |                            |                                           |                                    |
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