

LTC1596BISW#TRPBF





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**Part Number:** [LTC1596BISW#TRPBF](#)

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

**Description:** IC D/A CONV 16BIT MLTPLYNG16SOIC

**Data sheet:**  [LTC1595/96/96-1](#)

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

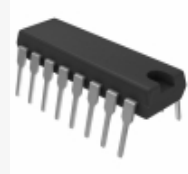
**Ship From:** Hong Kong

**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                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | LTC1596BISW#TRPBF                            | Manufacturer                   | <a href="#">ADI (Analog Devices, Inc.)</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | IC D/A CONV 16BIT MLTPLYNG16SOIC             | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                 |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 4705 pcs                                     | Data sheet                     | <a href="#">LTC1595/96/96-1</a>            |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <a href="#">Integrated Circuits (ICs)</a>    | Voltage - Supply, Digital      | 5V                                         |
| Voltage - Supply, Analog                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 5V                                           | Supplier Device Package        | 16-SOIC                                    |
| Settling Time                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 1µs (Typ)                                    | Series                         | -                                          |
| Reference Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | External                                     | Packaging                      | Tape & Reel (TR)                           |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 16-SOIC (0.295", 7.50mm Width)               | Output Type                    | Current - 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)                                | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                 |
| INL/DNL (LSB)                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | ±2 (Max), ±1 (Max)                           | Differential Output            | Yes                                        |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 16 Bit Digital to Analog Converter 1 16-SOIC | Data Interface                 | SPI                                        |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | LTC1596                                      | Architecture                   | R-2R                                       |
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|  | Part#: <a href="#">LTC1597-1ACG#PBF</a><br>Description: IC D/A CONV 16BIT PAR 28-SSOP       | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
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| Related keywords for LTC1596BISW#TRPBF       |                               |                                              |                                       |
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