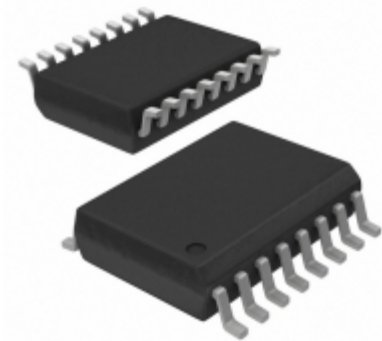


LTC1596-1BCSW#PBF





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Part Number: [LTC1596-1BCSW#PBF](#)

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

Description: IC D/A CONV 16BIT MLTPLYNG16SOIC

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

RoHs Status: Lead free / RoHS Compliant

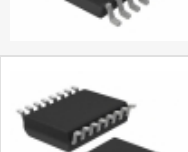
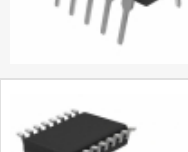
Ship From: Hong Kong

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                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | LTC1596-1BCSW#PBF                         | 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 5547 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                       | Tube                                         |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 16-SOIC (0.295", 7.50mm Width)            | Output Type                     | Current - Unbuffered                         |
| 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)                   | ±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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| RELATED PRODUCTS                                                                   |                                                                                             |                                                           |                |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------|
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|  | Part#: <a href="#">LTC1595CCS8#TRPBF</a><br>Description: IC D/A CONV 16BIT MULTPLYNG8SOIC   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC1595CCS8#PBF</a><br>Description: IC D/A CONV 16BIT MULTPLYNG8SOIC     | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC1596-1BISW#TRPBF</a><br>Description: IC D/A CONV 16BIT MLTPLYNG16SOIC | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC1596-1ACSW#PBF</a><br>Description: IC D/A CONV 16BIT MLTPLYNG16SOIC   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC1596-1CCSW#TRPBF</a><br>Description: IC D/A CONV 16BIT MLTPLYNG16SOIC | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC1595CIN8#PBF</a><br>Description: IC D/A CONV 16BIT MULTPLYNG 8DIP     | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC1596-1BCSW#TRPBF</a><br>Description: IC D/A CONV 16BIT MLTPLYNG16SOIC | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC1596-1ACSW#TRPBF</a><br>Description: IC D/A CONV 16BIT MLTPLYNG16SOIC | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC1595CIS8#PBF</a><br>Description: IC D/A CONV 16BIT MULTPLYNG8SOIC     | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC1596-1BISW#PBF</a><br>Description: IC D/A CONV 16BIT MLTPLYNG16SOIC   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC1595CIS8#TRPBF</a><br>Description: IC D/A CONV 16BIT MULTPLYNG8SOIC   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">LTC1596-1AISW#TRPBF</a><br>Description: IC D/A CONV 16BIT MLTPLYNG16SOIC | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">LTC1596-1CCN#PBF</a><br>Description: IC D/A CONV 16BIT MLTPLYNG 16DIP    | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC1596-1CISW#PBF</a><br>Description: IC D/A CONV 16BIT MLTPLYNG16SOIC   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC1596-1BIN#PBF</a><br>Description: IC D/A CONV 16BIT MLTPLYNG 16DIP    | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
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