



ADI (Analog Devices, Inc.)

LTC1589CG

|                     |                                                                                                                      |
|---------------------|----------------------------------------------------------------------------------------------------------------------|
| Part Number:        | LTC1589CG                                                                                                            |
| Manufacturer/Brand: | ADI (Analog Devices, Inc.)                                                                                           |
| Product description | IC DAC SOFTSPAN 14BIT 16-SSOP                                                                                        |
| Datasheets:         |  <a href="#">LTC1589CG.pdf</a>      |
| RoHs Status         |  Contains lead / RoHS non-compliant |
| Stock Condition     | 2540 pcs stock                                                                                                       |
| Ship From           | Hong Kong                                                                                                            |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

Specifications of LTC1589CG

|                                  |                                                                                                                   |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | LTC1589CG                                                                                                         |
| MANUFACTURER                     | ADI (Analog Devices, Inc.)                                                                                        |
| DESCRIPTION                      | IC DAC SOFTSPAN 14BIT 16-SSOP                                                                                     |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                                                                |
| QUANTITY AVAILABLE               | 2540 pcs                                                                                                          |
| DATA SHEET                       |  <a href="#">LTC1589CG.pdf</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                                                                                              |
| OPERATING TEMPERATURE            | 0°C ~ 70°C                                                                                                        |
| NUMBER OF D/A CONVERTERS         | 1                                                                                                                 |
| NUMBER OF BITS                   | 14                                                                                                                |
| MOUNTING TYPE                    | Surface Mount                                                                                                     |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                                     |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                                                                |
| INL/DNL (LSB)                    | ±1 (Max), ±1 (Max)                                                                                                |
| DIFFERENTIAL OUTPUT              | Yes                                                                                                               |
| DETAILED DESCRIPTION             | 14 Bit Digital to Analog Converter 1 16-SSOP                                                                      |
| DATA INTERFACE                   | SPI                                                                                                               |
| BASE PART NUMBER                 | LTC1589                                                                                                           |
| ARCHITECTURE                     | Multiplying DAC                                                                                                   |

Related Tags

|                                      |                                     |                                          |
|--------------------------------------|-------------------------------------|------------------------------------------|
| ADI (Analog Devices, Inc.) LTC1589CG | LTC1589CG Distributor               | LTC1589CG Supplier                       |
| LTC1589CG Price                      | LTC1589CG Pictures                  | LTC1589CG Image                          |
| LTC1589CG PDF Datasheet              | LTC1589CG Download Datasheet        | LTC1589CG Datasheet                      |
| LTC1589CG Stock                      | Buy LTC1589CG                       | Buy ADI (Analog Devices, Inc.) LTC1589CG |
| ADI (Analog Devices, Inc.) LTC1589CG | ADI (Analog Devices, Inc.) Supplier | ADI (Analog Devices, Inc.) Distributor   |
| ADI (Analog Devices, Inc.) LTC1589CG | AD LTC1589CG                        | ADI (Analog Devices, Inc.) LTC1589CG     |
| Analog Devices Inc. LTC1589CG        | Analog Devices, Inc. LTC1589CG      |                                          |

Related Products

|                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                               |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>LTC1590CS#PBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC D/A CONV 12BIT DUAL 16-SOIC<br/>In stock: 6477 pcs<br/><div>RFQ</div></div>  |  <div><b>LTC1589CG#PBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC DAC SOFTSPAN 14BIT 16-SSOP<br/>In stock: 4382 pcs<br/><div>RFQ</div></div>    |
|  <div><b>LTC1588CG#PBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC DAC SOFTSPAN 12BIT 16-SSOP<br/>In stock: 7497 pcs<br/><div>RFQ</div></div>   |  <div><b>LTC1588CG</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC DAC SOFTSPAN 12BIT 16-SSOP<br/>In stock: 4734 pcs<br/><div>RFQ</div></div>        |
|  <div><b>LTC1589CG#TRPBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC DAC SOFTSPAN 14BIT 16-SSOP<br/>In stock: 8507 pcs<br/><div>RFQ</div></div> |  <div><b>LTC1588IG#TRPBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC DAC SOFTSPAN 12BIT 16-SSOP<br/>In stock: 13983 pcs<br/><div>RFQ</div></div> |
|  <div><b>LTC1588IG#PBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC DAC SOFTSPAN 12BIT 16-SSOP<br/>In stock: 11822 pcs<br/><div>RFQ</div></div>  |  <div><b>LTC1589IG#PBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC DAC SOFTSPAN 14BIT 16-SSOP<br/>In stock: 5402 pcs<br/><div>RFQ</div></div>    |
|  <div><b>LTC1589IG#TRPBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC DAC SOFTSPAN 14BIT 16-SSOP<br/>In stock: 6521 pcs<br/><div>RFQ</div></div> |  <div><b>LTC1574CS-5#TRPBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC REG BUCK INV 5V 16SOIC<br/>In stock: 17941 pcs<br/><div>RFQ</div></div>   |
|  <div><b>LTC1590CN#PBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC D/A CONV 12BIT DUAL 16-DIP<br/>In stock: 6724 pcs<br/><div>RFQ</div></div>   |  <div><b>LTC1588CG#TRPBF</b><br/>Manufacturers: ADI (Analog Devices, Inc.)<br/>Description: IC DAC SOFTSPAN 12BIT 16-SSOP<br/>In stock: 13557 pcs<br/><div>RFQ</div></div> |