

LTC1668CG#TRPBF



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Part Number: [LTC1668CG#TRPBF](#)

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

Description: IC D/A CONV 16BIT 50MSPS 28-SSOP

Data sheet:  [LTC1666-68](#)

RoHs Status: Lead free / RoHS Compliant

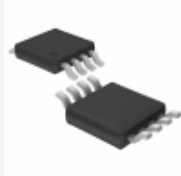
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                           |                                 |                                              |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|---------------------------------|----------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | LTC1668CG#TRPBF                           | Manufacturer                    | <a href="#">ADI (Analog Devices, Inc.)</a>   |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | IC D/A CONV 16BIT 50MSPS 28-SSOP          | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                   |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 6605 pcs                                  | Data sheet                      | <a href="#">LTC1666-68</a>                   |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply, Digital       | -                                            |
| Voltage - Supply, Analog                                                                                                                                                                                                                                                                                                                                                                                                                                                         | ±5V                                       | Supplier Device Package         | 28-SSOP                                      |
| Settling Time                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 20ns (Typ)                                | Series                          | -                                            |
| Reference Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | External, Internal                        | Packaging                       | Tape & Reel (TR)                             |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 28-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                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 16                                        | Mounting Type                   | Surface Mount                                |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 1 (Unlimited)                             | Manufacturer Standard Lead Time | 12 Weeks                                     |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Lead free / RoHS Compliant                | INL/DNL (LSB)                   | ±8 (Max), ±1                                 |
| Differential Output                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Yes                                       | Detailed Description            | 16 Bit Digital to Analog Converter 1 28-SSOP |
| Data Interface                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Parallel                                  | Base Part Number                | LTC1668                                      |
| Architecture                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Current Steering                          |                                 |                                              |
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|  | Part#: <a href="#">LTC1669-1CS5#TRMPBF</a><br>Description: IC DAC 10BIT R-R I2C TSOT23-5  | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">LTC1666IG#PBF</a><br>Description: IC D/A CONV 12BIT 50MSPS 28-SSOP     | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">LTC1669-8IMS8#PBF</a><br>Description: IC DAC 10-BIT V-OUT I2C 8-MSOP   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
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