

LTC1604ACG#PBF





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Part Number: [LTC1604ACG#PBF](#)

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

Description: IC A/D CONV 16BIT SAMPLNG 36SSOP

Data sheet:  [LTC1604](#)

RoHs Status: Lead free / RoHS Compliant

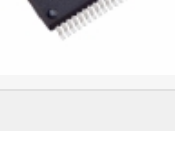
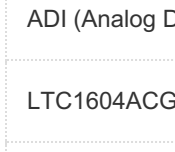
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                           |                                 |                                                          |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|---------------------------------|----------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | LTC1604ACG#PBF                            | Manufacturer                    | <a href="#">ADI (Analog Devices, Inc.)</a>               |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | IC A/D CONV 16BIT SAMPLNG 36SSOP          | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                               |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 3644 pcs                                  | Data sheet                      | <a href="#">LTC1604</a>                                  |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply, Digital       | 5V                                                       |
| Voltage - Supply, Analog                                                                                                                                                                                                                                                                                                                                                                                                                                                        | ±5V                                       | Supplier Device Package         | 36-SSOP                                                  |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | -                                         | Sampling Rate (Per Second)      | 333k                                                     |
| Reference Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | External, Internal                        | Ratio - S/H:ADC                 | 1:1                                                      |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Tube                                      | Package / Case                  | 36-SSOP (0.209", 5.30mm Width)                           |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 0°C ~ 70°C                                | Number of Inputs                | 1                                                        |
| Number of Bits                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 16                                        | Number of A/D Converters        | 1                                                        |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                                | 1 (Unlimited)                             | Manufacturer Standard Lead Time | 14 Weeks                                                 |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Lead free / RoHS Compliant                | Input Type                      | Differential, Single Ended                               |
| Features                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | -                                         | Detailed Description            | 16 Bit Analog to Digital Converter 1 Input 1 SAR 36-SSOP |
| Data Interface                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Parallel                                  | Configuration                   | S/H-ADC                                                  |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                | LTC1604                                   | Architecture                    | SAR                                                      |
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| RELATED PRODUCTS                                                                   |                                                                                           |                                                           |                |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------|
|  | Part#: <a href="#">LTC1603CG#PBF</a><br>Description: IC ADC SMPL SHTDWN 16BIT 36-SSOP     | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC1599BIN#PBF</a><br>Description: IC D/A CONV 16BIT MLTPLYNG 24DIP    | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC1605-1CG#TRPBF</a><br>Description: IC A/D CONV 16BIT SAMPLNG 28SSOP | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC1599BIG#TRPBF</a><br>Description: IC D/A CONV 16BIT MLTPLYNG24SSOP  | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">LTC1605-1CG#PBF</a><br>Description: IC A/D CONV 16BIT SAMPLNG 28SSOP   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC1604AIG#TRPBF</a><br>Description: IC A/D CONV 16BIT SAMPLNG 36SSOP  | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">LTC1603IG#TRPBF</a><br>Description: IC ADC W/SHUTDOWN 16BIT 36-SSOP    | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC1599BCN#PBF</a><br>Description: IC D/A CONV 16BIT MLTPLYNG 24DIP    | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC1603IG#PBF</a><br>Description: IC ADC W/SHUTDOWN 16BIT 36-SSOP      | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC1599BCG#PBF</a><br>Description: IC DAC 16BIT W/RES 24-SSOP          | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC1599BIG#PBF</a><br>Description: IC D/A CONV 16BIT MLTPLYNG24SSOP    | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC1604CG#PBF</a><br>Description: IC A/D CONV 16BIT SAMPLNG 36SSOP     | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC1604AIG#PBF</a><br>Description: IC A/D CONV 16BIT SAMPLNG 36SSOP    | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC1603CG#TRPBF</a><br>Description: IC ADC W/SHUTDOWN 16BIT 36-SSOP    | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC1605-1CN#PBF</a><br>Description: IC A/D CONV 16BIT SAMPLNG 28-DIP   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
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