

LTC1657LCGN#PBF



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Part Number: [LTC1657LCGN#PBF](#)

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

Description: IC DAC 16BIT R-R MICROPWR 28SSOP

Data sheet:  [LTC1657/L](#)

RoHs Status: Lead free / RoHS Compliant

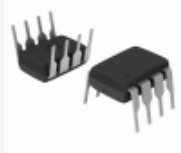
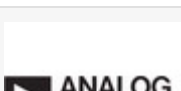
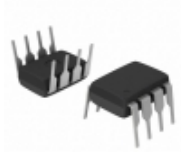
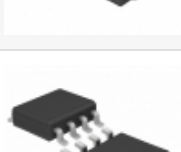
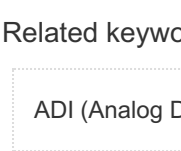
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                           |                                 |                                              |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|---------------------------------|----------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | LTC1657LCGN#PBF                           | Manufacturer                    | <a href="#">ADI (Analog Devices, Inc.)</a>   |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | IC DAC 16BIT R-R MICROPWR 28SSOP          | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                   |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 9907 pcs                                  | Data sheet                      | <a href="#">LTC1657/L</a>                    |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply, Digital       | 2.7 V ~ 5.5 V                                |
| Voltage - Supply, Analog                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 2.7 V ~ 5.5 V                             | Supplier Device Package         | 28-SSOP                                      |
| Settling Time                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 20µs (Typ)                                | Series                          | -                                            |
| Reference Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | External, Internal                        | Packaging                       | Tube                                         |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 28-SSOP (0.154", 3.90mm Width)            | Output Type                     | Voltage - Buffered                           |
| 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)                   | ±4, ±0.5                                     |
| Differential Output                                                                                                                                                                                                                                                                                                                                                                                                                                                              | No                                        | Detailed Description            | 16 Bit Digital to Analog Converter 1 28-SSOP |
| Data Interface                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Parallel                                  | Base Part Number                | LTC1657                                      |
| Architecture                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | String DAC                                |                                 |                                              |
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|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------|
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|  | Part#: <a href="#">LTC1655LIN8</a><br>Description: IC DAC 16BIT R-R MICROPOWER 8DIP       | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC1657CGN#TRPBF</a><br>Description: IC DAC 16BIT R-R MICROPWR 28SSOP  | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">LTC1658CMS8#TRPBF</a><br>Description: IC D/A CONV 14BIT R-R 8-MSOP     | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC1657IGN#PBF</a><br>Description: IC DAC 16BIT R-R MICROPWR 28SSOP    | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC1657CN#PBF</a><br>Description: IC DAC 16BIT R-R MICROPWR 28DIP      | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">LTC1658CS8#TRPBF</a><br>Description: IC D/A CONV 14BIT R-R 8-SOIC      | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">LTC1655LIS8#PBF</a><br>Description: IC DAC 16BIT R-R MICROPWR 8SOIC    | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">LTC1658CMS8#PBF</a><br>Description: IC D/A CONV 14BIT R-R 8-MSOP       | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC1658CS8#PBF</a><br>Description: IC D/A CONV 14BIT R-R 8-SOIC        | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC1655LIS8#TRPBF</a><br>Description: IC DAC 16BIT R-R MICROPWR 8SOIC  | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |

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