

LTC2757AILX#PBF





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Part Number: [LTC2757AILX#PBF](#)

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

Description: IC DAC 18BIT PAR 48LQFP

Data sheet:  [LTC2757](#)

RoHs Status: Lead free / RoHS Compliant

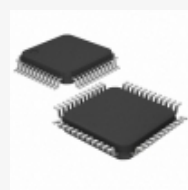
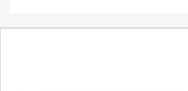
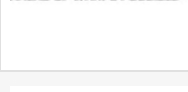
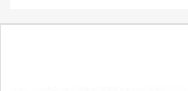
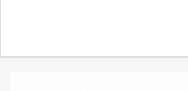
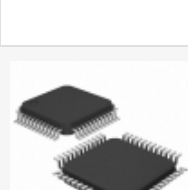
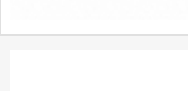
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                    |                                  |                                            |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|----------------------------------|--------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | LTC2757AILX#PBF                                    | Manufacturer                     | <a href="#">ADI (Analog Devices, Inc.)</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | IC DAC 18BIT PAR 48LQFP                            | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                 |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 1975 pcs                                           | Data sheet                       | <a href="#">LTC2757</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          | 48-LQFP (7x7)                              |
| Settling Time                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 2.1µs (Typ)                                        | Series                           | SoftSpan™                                  |
| Reference Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | External                                           | Packaging                        | Tray                                       |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 48-LQFP                                            | Output Type                      | Current - Unbuffered                       |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | LTC2757AILXPBF                                     | Operating Temperature            | -40°C ~ 85°C                               |
| Number of D/A Converters                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 1                                                  | Number of Bits                   | 18                                         |
| Mounting Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Surface Mount                                      | Moisture Sensitivity Level (MSL) | 3 (168 Hours)                              |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 12 Weeks                                           | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                 |
| INL/DNL (LSB)                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | ±0.4, ±0.4                                         | Differential Output              | Yes                                        |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 18 Bit Digital to Analog Converter 1 48-LQFP (7x7) | Data Interface                   | Parallel                                   |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | LTC2757                                            | Architecture                     | Multiplying DAC                            |
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| RELATED PRODUCTS                                                                   |                                                                                     |                                                           |     |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-----------------------------------------------------------|-----|
|  | Part#: <a href="#">LTC2756BCG#PBF</a><br>Description: IC DAC 18BIT SER 28-SSOP      | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | RFQ |
|  | Part#: <a href="#">LTC2758ACLX#PBF</a><br>Description: IC DAC 18BIT SPI/SRL 48-LQFP | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | RFQ |
|  | Part#: <a href="#">LTC2757BCLX</a><br>Description: IC DAC                           | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | RFQ |
|  | Part#: <a href="#">LTC2756BIG#TRPBF</a><br>Description: IC DAC 18BIT SPI/SRL 28SSOP | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | RFQ |
|  | Part#: <a href="#">LTC2757ACLX</a><br>Description: IC DAC                           | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | RFQ |
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|  | Part#: <a href="#">LTC2757BCLX#PBF</a><br>Description: IC DAC 18BIT PAR 48LQFP      | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | RFQ |
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Related keywords for LTC2757AILX#PBF

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