

LTC1747CFW#PBF





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Part Number: [LTC1747CFW#PBF](#)

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

Description: IC ADC 12BIT 80MSPS 48-TSSOP

Data sheet:  [LTC1747](#)

RoHS Status: Lead free / RoHS Compliant

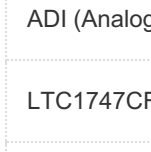
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                 |                                |                                            |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------|--------------------------------|--------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | LTC1747CFW#PBF                                                  | Manufacturer                   | <a href="#">ADI (Analog Devices, Inc.)</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | IC ADC 12BIT 80MSPS 48-TSSOP                                    | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                 |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 3775 pcs                                                        | Data sheet                     | <a href="#">LTC1747</a>                    |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <a href="#">Integrated Circuits (ICs)</a>                       | Voltage - Supply, Digital      | 5V                                         |
| Voltage - Supply, Analog                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 5V                                                              | Supplier Device Package        | 48-TSSOP                                   |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | -                                                               | Sampling Rate (Per Second)     | 80M                                        |
| Reference Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | External, Internal                                              | Ratio - S/H:ADC                | 1:1                                        |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Tube                                                            | Package / Case                 | 48-TFSOP (0.240", 6.10mm Width)            |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 0°C ~ 70°C                                                      | Number of Inputs               | 1                                          |
| Number of Bits                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 12                                                              | Number of A/D Converters       | 1                                          |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                                | 3 (168 Hours)                                                   | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                 |
| Input Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Differential                                                    | Features                       | -                                          |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 12 Bit Analog to Digital Converter 1 Input 1 Pipelined 48-TSSOP | Data Interface                 | Parallel                                   |
| Configuration                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | S/H-ADC                                                         | Base Part Number               | LTC1747                                    |
| Architecture                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Pipelined                                                       |                                |                                            |
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| RELATED PRODUCTS                                                                   |                                                                                          |                                                           |                |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------|
|  | Part#: <a href="#">LTC1749CFW#TRPBF</a><br>Description: IC ADC 12BIT 80MSPS SMPL 48TSSOP | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC1746IFW#PBF</a><br>Description: IC ADC 14BIT 25MSPS LP 48TSSOP     | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC1747IFW#TRPBF</a><br>Description: IC ADC 12BIT 80MSPS 48-TSSOP     | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC1747IFW#PBF</a><br>Description: IC ADC 12BIT 80MSPS 48-TSSOP       | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC1748CFW#TRPBF</a><br>Description: IC ADC 14BIT 80MSPS 48-TSSOP     | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC1748CFW#PBF</a><br>Description: IC ADC 14BIT 80MSPS 48-TSSOP       | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC1745IFW#TRPBF</a><br>Description: IC ADC 12BIT 25MSPS LN 48TSSOP   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC1744IFW#TRPBF</a><br>Description: IC ADC 14BIT 50MSPS 48-TSSOP     | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC1745CFW#PBF</a><br>Description: IC ADC 12BIT 25MSPS LN 48TSSOP     | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC1746CFW#PBF</a><br>Description: IC ADC 14BIT 25MSPS LP 48TSSOP     | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC1747CFW#TRPBF</a><br>Description: IC ADC 12BIT 80MSPS 48-TSSOP     | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC1746CFW#TRPBF</a><br>Description: IC ADC 14BIT 25MSPS LP 48TSSOP   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC1744IFW#PBF</a><br>Description: IC ADC 14BIT 50MSPS 48-TSSOP       | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC1745CFW#TRPBF</a><br>Description: IC ADC 12BIT 25MSPS LN 48TSSOP   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC1745IFW#PBF</a><br>Description: IC ADC 12BIT 25MSPS LN 48TSSOP     | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC1748IFW#PBF</a><br>Description: IC ADC 14BIT 80MSPS 48-TSSOP       | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC1746IFW#TRPBF</a><br>Description: IC ADC 14BIT 25MSPS LP 48TSSOP   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC1749IFW#PBF</a><br>Description: IC ADC 12BIT 80MSPS SMPL 48TSSOP   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC1749CFW#PBF</a><br>Description: IC ADC 12BIT 80MSPS SMPL 48TSSOP   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC1748IFW#TRPBF</a><br>Description: IC ADC 14BIT 80MSPS 48-TSSOP     | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |

| Related keywords for LTC1747CFW#PBF       |                            |                                           |                                    |
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