

LTC1850CFW#PBF



  
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**Part Number:** [LTC1850CFW#PBF](#)

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

**Description:** IC ADC 10BIT 1.25MSPS 48-TSSOP

**Data sheet:**  [LTC1850-51](#)

**RoHs Status:** Lead free / RoHS Compliant

**Ship From:** Hong Kong

**Shipment Way:** DHL/Fedex/TNT/UPS/EMS

Images are for reference only.  
See Product Specifications for product details.  
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                           |                                |                                            |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|--------------------------------|--------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | LTC1850CFW#PBF                                            | Manufacturer                   | <a href="#">ADI (Analog Devices, Inc.)</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | IC ADC 10BIT 1.25MSPS 48-TSSOP                            | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                 |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 13988 pcs                                                 | Data sheet                     | <a href="#">LTC1850-51</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)     | 1.25M                                      |
| 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               | 8                                          |
| Number of Bits                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 10                                                        | Number of A/D Converters       | 1                                          |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 1 (Unlimited)                                             | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                 |
| Input Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Differential, Single Ended                                | Features                       | Selectable Address                         |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 10 Bit Analog to Digital Converter 8 Input 1 SAR 48-TSSOP | Data Interface                 | Parallel                                   |
| Configuration                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | MUX-S/H-ADC                                               | Base Part Number               | LTC1850                                    |
| Architecture                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | SAR                                                       |                                |                                            |
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|  | Part#: <a href="#">LTC1844ES5-BYP#TRPBF</a><br>Description: IC REG LIN POS ADJ 150MA TSOT23  | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">LTC1844ES5-2.5#TRMPBF</a><br>Description: IC REG LIN 2.5V 150MA TSOT23-5  | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">LTC1844ES5-2.8#TRPBF</a><br>Description: IC REG LIN 2.8V 150MA TSOT23-5   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LTC1852CFW#PBF</a><br>Description: IC ADC 8CH 10BIT 400KSPS 48TSSOP       | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">LTC1844ES5-BYP#TRMPBF</a><br>Description: IC REG LIN POS ADJ 150MA TSOT23 | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">LTC1844ES5-2.8#TRMPBF</a><br>Description: IC REG LIN 2.8V 150MA TSOT23-5  | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LTC1852CFW#TRPBF</a><br>Description: IC A/D CONV 8CH 10BIT 48-TSSOP       | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LTC1852FW#PBF</a><br>Description: IC A/D CONV 8CH 10BIT 48-TSSOP          | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
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