

LTC1864IS8#PBF





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Part Number: [LTC1864IS8#PBF](#)

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

Description: IC A/D CONV 1CH 16BIT 8-SOIC

Data sheet:  [LTC1864/65](#)

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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

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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                         |                                  |                                            |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|----------------------------------|--------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | LTC1864IS8#PBF                                          | Manufacturer                     | <a href="#">ADI (Analog Devices, Inc.)</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | IC A/D CONV 1CH 16BIT 8-SOIC                            | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                 |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 12528 pcs                                               | Data sheet                       | <a href="#">LTC1864/65</a>                 |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <a href="#">Integrated Circuits (ICs)</a>               | Voltage - Supply, Digital        | 5V                                         |
| Voltage - Supply, Analog                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 5V                                                      | Supplier Device Package          | 8-SOIC                                     |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | -                                                       | Sampling Rate (Per Second)       | 250k                                       |
| Reference Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | External                                                | Ratio - S/H:ADC                  | 1:1                                        |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Tube                                                    | Package / Case                   | 8-SOIC (0.154", 3.90mm Width)              |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | LTC1864IS8PBF                                           | Operating Temperature            | -40°C ~ 85°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                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 8 Weeks                                                 | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                 |
| Input Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Single Ended                                            | Features                         | -                                          |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 16 Bit Analog to Digital Converter 1 Input 1 SAR 8-SOIC | Data Interface                   | SPI                                        |
| Configuration                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | S/H-ADC                                                 | Base Part Number                 | LTC1864                                    |
| Architecture                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | SAR                                                     |                                  |                                            |
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| RELATED PRODUCTS                                                                   |                                                                                             |                                                           |                |
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|  | Part#: <a href="#">LTC1864LCS8#PBF</a><br>Description: IC ADC 16-BIT 1CH 150KSPS 8-MSOP     | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC1864LACS8#PBF</a><br>Description: IC ADC 1CH 16B 3V 150KSPS 8SOIC     | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC1864IMS8#PBF</a><br>Description: IC A/D CONV 1CH 16BIT 8-MSOP         | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">LTC1864IMS8#TRPBF</a><br>Description: IC A/D CONV 1CH 16BIT 8-MSOP       | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
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