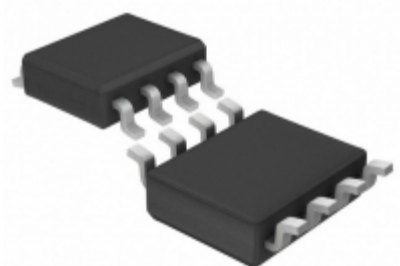


LTC1864AIS8#PBF



  
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**Part Number:** [LTC1864AIS8#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

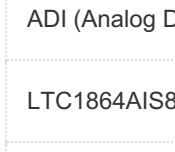
**Ship From:** Hong Kong

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

Images are for reference only.  
See Product Specifications for product details.  
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                           |                                 |                                                         |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|---------------------------------|---------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | LTC1864AIS8#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                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 11404 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)                           |
| 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                                                                   |                                                                                            |                                                           |                     |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|-----------------------------------------------------------|---------------------|
|  | Part#: <a href="#">LTC1864IMS8#PBF</a><br>Description: IC A/D CONV 1CH 16BIT 8-MSOP        | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LTC1864AIS8#TRPBF</a><br>Description: IC A/D CONV 1CH 16BIT 8-SOIC      | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LTC1864HMS8#TRPBF</a><br>Description: IC ADC 16-BIT 1CH 150KSPS 8-MSOP  | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LTC1864ACS8#PBF</a><br>Description: IC A/D CONV 1CH 16BIT 8-SOIC        | Manufacturers: <a href="#">Linear Technology</a>          | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LTC1864AIMS8#PBF</a><br>Description: IC A/D CONV 1CH 16BIT 8-MSOP       | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LTC1863LIGN#PBF</a><br>Description: IC ADC 12BIT 8CH 175KSPS 16SSOP     | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LTC1864IMS8#TRPBF</a><br>Description: IC A/D CONV 1CH 16BIT 8-MSOP      | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LTC1864ACS8#TRPBF</a><br>Description: IC A/D CONV 1CH 16BIT 8-SOIC      | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LTC1864CS8#PBF</a><br>Description: IC A/D CONV 1CH 16BIT 8-SOIC         | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LTC1864AIMS8#TRPBF</a><br>Description: IC A/D CONV 1CH 16BIT 8-MSOP     | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LTC1864AHMS8#TRPBF</a><br>Description: IC ADC 16-BIT 1CH 150KSPS 8-MSOP | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LTC1863LIGN#TRPBF</a><br>Description: IC ADC 12BIT 8CH 175KSPS 16SSOP   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LTC1864IS8#PBF</a><br>Description: IC A/D CONV 1CH 16BIT 8-SOIC         | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LTC1864CMS8#TRPBF</a><br>Description: IC A/D CONV 1CH 16BIT 8-MSOP      | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LTC1864ACMS8#TRPBF</a><br>Description: IC A/D CONV 1CH 16BIT 8-MSOP     | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LTC1864AHMS8#PBF</a><br>Description: IC ADC 16-BIT 1CH 150KSPS 8-MSOP   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LTC1864HMS8#PBF</a><br>Description: IC ADC 16-BIT 1CH 150KSPS 8-MSOP    | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">LTC1864ACMS8#PBF</a><br>Description: IC A/D CONV 1CH 16BIT 8-MSOP       | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">LTC1864CMS8#PBF</a><br>Description: IC A/D CONV 1CH 16BIT 8-MSOP        | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <a href="#">RFQ</a> |

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