

LTC1863LIGN#TRPBF





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Part Number: [LTC1863LIGN#TRPBF](#)

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

Description: IC ADC 12BIT 8CH 175KSPS 16SSOP

Data sheet:  [LTC1863L/67L](#)

RoHs Status: Lead free / RoHS Compliant

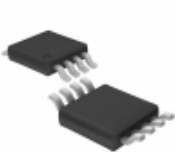
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                          |                                |                                            |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|--------------------------------|--------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | LTC1863LIGN#TRPBF                                        | Manufacturer                   | <a href="#">ADI (Analog Devices, Inc.)</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | IC ADC 12BIT 8CH 175KSPS 16SSOP                          | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                 |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 18240 pcs                                                | Data sheet                     | <a href="#">LTC1863L/67L</a>               |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <a href="#">Integrated Circuits (ICs)</a>                | Voltage - Supply, Digital      | 2.7 V ~ 3.6 V                              |
| Voltage - Supply, Analog                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 2.7 V ~ 3.6 V                                            | Supplier Device Package        | 16-SSOP                                    |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | -                                                        | Sampling Rate (Per Second)     | 175k                                       |
| Reference Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | External, Internal                                       | Ratio - S/H:ADC                | 1:1                                        |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Tape & Reel (TR)                                         | Package / Case                 | 16-SSOP (0.154", 3.90mm Width)             |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                               | -40°C ~ 85°C                                             | Number of Inputs               | 8                                          |
| Number of Bits                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 12                                                       | 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                       | -                                          |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 12 Bit Analog to Digital Converter 8 Input 1 SAR 16-SSOP | Data Interface                 | SPI                                        |
| Configuration                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | MUX-S/H-ADC                                              | Base Part Number               | LTC1863                                    |
| Architecture                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | SAR                                                      |                                |                                            |
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|  | Part#: <a href="#">LTC1863IGN#TRPBF</a><br>Description: IC ADC 12BIT 8CH 200KSPS 16SSOP    | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">LTC1864AHMS8#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="#">LTC1864AHMS8#TRPBF</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="#">LTC1864ACS8#TRPBF</a><br>Description: IC A/D CONV 1CH 16BIT 8-SOIC      | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC1863LCGN#TRPBF</a><br>Description: IC ADC 12BIT 8CH 175KSPS 16SSOP   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC1863CGN#TRPBF</a><br>Description: IC ADC 12BIT 8CH 200KSPS 16SSOP    | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC1864AIS8#PBF</a><br>Description: IC A/D CONV 1CH 16BIT 8-SOIC        | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC1861LIS8#TRPBF</a><br>Description: IC ADC 2CH 12BT 3V 150KSPS 8SOIC  | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC1861LIMS#TRPBF</a><br>Description: IC ADC 2CH 12B 3V 150KSPS 10MSOP  | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC1864AIMS8#TRPBF</a><br>Description: IC A/D CONV 1CH 16BIT 8-MSOP     | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC1863CGN#PBF</a><br>Description: IC ADC 12BIT 8CH 200KSPS 16SSOP      | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC1864AIS8#TRPBF</a><br>Description: IC A/D CONV 1CH 16BIT 8-SOIC      | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC1863LCGN#PBF</a><br>Description: IC ADC 12BIT 8CH 175KSPS 16SSOP     | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC1864ACS8#PBF</a><br>Description: IC A/D CONV 1CH 16BIT 8-SOIC        | Manufacturers: <a href="#">Linear Technology</a>          | <div>RFQ</div> |

Related keywords for LTC1863LIGN#TRPBF

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