

LTC1860IMS8#TRPBF





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Part Number: [LTC1860IMS8#TRPBF](#)

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

Description: IC A/D CONV 1CH 12BIT 8-MSOP

Data sheet:  [LTC1860, LTC1861](#)

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                    |                                           |                                 |                                                         |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|---------------------------------|---------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                          | LTC1860IMS8#TRPBF                         | Manufacturer                    | <a href="#">ADI (Analog Devices, Inc.)</a>              |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                          | IC A/D CONV 1CH 12BIT 8-MSOP              | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                              |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                   | 30190 pcs                                 | Data sheet                      | <a href="#">LTC1860, LTC1861</a>                        |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                             | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply, Digital       | 5V                                                      |
| Voltage - Supply, Analog                                                                                                                                                                                                                                                                                                                                                                                                             | 5V                                        | Supplier Device Package         | 8-MSOP                                                  |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                               | -                                         | Sampling Rate (Per Second)      | 250k                                                    |
| Reference Type                                                                                                                                                                                                                                                                                                                                                                                                                       | External                                  | Ratio - S/H:ADC                 | 1:1                                                     |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                            | Tape & Reel (TR)                          | Package / Case                  | 8-TSSOP, 8-MSOP (0.118", 3.00mm Width)                  |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                | -40°C ~ 85°C                              | Number of Inputs                | 1                                                       |
| Number of Bits                                                                                                                                                                                                                                                                                                                                                                                                                       | 12                                        | Number of A/D Converters        | 1                                                       |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                     | 1 (Unlimited)                             | Manufacturer Standard Lead Time | 12 Weeks                                                |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                       | Lead free / RoHS Compliant                | Input Type                      | Differential, Single Ended                              |
| Features                                                                                                                                                                                                                                                                                                                                                                                                                             | -                                         | Detailed Description            | 12 Bit Analog to Digital Converter 1 Input 1 SAR 8-MSOP |
| Data Interface                                                                                                                                                                                                                                                                                                                                                                                                                       | SPI                                       | Configuration                   | S/H-ADC                                                 |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                     | LTC1860                                   | Architecture                    | SAR                                                     |
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| RELATED PRODUCTS                                                                   |                                                                                            |                                                           |                |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------|
|  | Part#: <a href="#">LTC1860HMS8#TRPBF</a><br>Description: IC ADC 12-BIT 1CH 250KSPS 8-MSOP  | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC1860HMS8#PBF</a><br>Description: IC ADC 12-BIT 1CH 250KSPS 8-MSOP    | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC1859IG#TRPBF</a><br>Description: IC A/D CONV 8CH 16BIT 28-SSOP       | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC1860LCS8#PBF</a><br>Description: IC ADC 1CH 12BT 3V 150KSPS 8SOIC    | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC1860LIMS8#TRPBF</a><br>Description: IC ADC 12-BIT 1CH 150KSPS 8-MSOP | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC1860CMS8#TRPBF</a><br>Description: IC A/D CONV 1CH 12BIT 8-MSOP      | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC1860LIS8#TRPBF</a><br>Description: IC ADC 12-BIT 1CH 150KSPS 8-SOIC  | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC1860LCS8#TRPBF</a><br>Description: IC ADC 1CH 12BT 3V 150KSPS 8SOIC  | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC1860LIMS8#PBF</a><br>Description: IC ADC 12-BIT 1CH 150KSPS 8-MSOP   | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC1860IS8#TRPBF</a><br>Description: IC A/D CONV 1CH 12BIT 8-SOIC       | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC1859CG#TRPBF</a><br>Description: IC A/D CONV 8CH 16BIT 28-SSOP       | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LTC1860LCMS8#TRPBF</a><br>Description: IC ADC 12-BIT 1CH 150KSPS 8-MSOP | Manufacturers: <a href="#">ADI (Analog Devices, Inc.)</a> | <div>RFQ</div> |
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