

MAX162ACWG



Part Number: [MAX162ACWG](#)

Manufacturer: [Maxim Integrated](#)

Description: IC ADC HS LP 12-BIT CMOS 24-SOIC

Data sheet:  [MAX162, MX7572](#)  
 [Part Numbering System](#)

RoHs Status: Contains lead / RoHS non-compliant

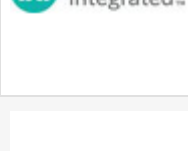
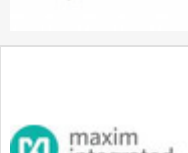
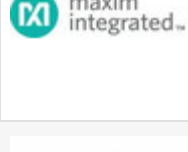
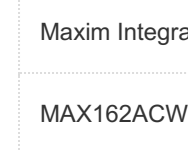
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                          |                                |                                                                         |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|--------------------------------|-------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                             | MAX162ACWG                                               | Manufacturer                   | <a href="#">Maxim Integrated</a>                                        |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                             | IC ADC HS LP 12-BIT CMOS 24-SOIC                         | Lead Free Status / RoHS Status | Contains lead / RoHS non-compliant                                      |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                      | 5756 pcs                                                 | Data sheet                     | <a href="#">MAX162, MX7572</a><br><a href="#">Part Numbering System</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                | <a href="#">Integrated Circuits (ICs)</a>                | Voltage - Supply, Digital      | 5V, -12V, -15V                                                          |
| Voltage - Supply, Analog                                                                                                                                                                                                                                                                                                                                                                                                                                | 5V, -12V, -15V                                           | Supplier Device Package        | 24-SOIC                                                                 |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                  | -                                                        | Sampling Rate (Per Second)     | 308k                                                                    |
| Reference Type                                                                                                                                                                                                                                                                                                                                                                                                                                          | Internal                                                 | Ratio - S/H:ADC                | 1:1                                                                     |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                               | Tube                                                     | Package / Case                 | 24-SOIC (0.295", 7.50mm Width)                                          |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                   | 0°C ~ 70°C                                               | Number of Inputs               | 1                                                                       |
| Number of Bits                                                                                                                                                                                                                                                                                                                                                                                                                                          | 12                                                       | Number of A/D Converters       | 1                                                                       |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                        | 1 (Unlimited)                                            | Lead Free Status / RoHS Status | Contains lead / RoHS non-compliant                                      |
| Input Type                                                                                                                                                                                                                                                                                                                                                                                                                                              | Single Ended                                             | Features                       | -                                                                       |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                    | 12 Bit Analog to Digital Converter 1 Input 1 SAR 24-SOIC | Data Interface                 | Parallel                                                                |
| Configuration                                                                                                                                                                                                                                                                                                                                                                                                                                           | S/H-ADC                                                  | Base Part Number               | MAX162                                                                  |
| Architecture                                                                                                                                                                                                                                                                                                                                                                                                                                            | SAR                                                      |                                |                                                                         |
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| RELATED PRODUCTS                                                                   |                                                                                      |                                                 |                     |
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|  | Part#: <a href="#">MAX162CCNG</a><br>Description: IC ADC HS LP 12-BIT CMOS 24-DIP    | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX162BENG+</a><br>Description: IC ADC 12BIT 3US H-SPEED 24-DIP   | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX162BCNG+</a><br>Description: IC ADC 12BIT 3US H-SPEED 24-DIP   | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX162AENG</a><br>Description: IC ADC HS LP 12-BIT CMOS 24-DIP    | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX1626ESA+</a><br>Description: IC REG CTRLR BUCK 8SOIC           | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX1627ESA</a><br>Description: IC REG CTRLR BUCK 8SOIC            | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">MAX1623EAP+T</a><br>Description: IC REG BUCK ADJ/PROG 3A 20SSOP   | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">MAX162BCWG+T</a><br>Description: IC ADC 12BIT 3US H-SPEED 24-SOIC | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">MAX1627ESA+</a><br>Description: IC REG CTRLR BUCK 8SOIC           | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX162BCWG+</a><br>Description: IC ADC 12BIT 3US H-SPEED 24-SOIC  | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |

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