

MAX172BCWG



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Part Number:

MAX172BCWG

Manufacturer:

Maxim Integrated

Description:

IC ADC 12-BIT 10US CMOS 24-SOIC

Data sheet:

MAX172

Part Numbering System

RoHs Status:

Contains lead / RoHS non-compliant

Ship From:

Hong Kong

Shipment Way:

DHL/Fedex/TNT/UPS/EMS

Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                          |                                |                                                                 |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|--------------------------------|-----------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                             | MAX172BCWG                                               | Manufacturer                   | <a href="#">Maxim Integrated</a>                                |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                             | IC ADC 12-BIT 10US CMOS 24-SOIC                          | Lead Free Status / RoHS Status | Contains lead / RoHS non-compliant                              |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                      | 5643 pcs                                                 | Data sheet                     | <a href="#">MAX172</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)     | 100k                                                            |
| 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               | MAX172                                                          |
| Architecture                                                                                                                                                                                                                                                                                                                                                                                                                                            | SAR                                                      |                                |                                                                 |
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| RELATED PRODUCTS                                                                   |                                                                                     |                                                       |                |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------|----------------|
|  | Part#: <a href="#">MAX172R00D</a><br>Description: RES 172 OHM 0.5% 0.3W RADIAL      | Manufacturers: <a href="#">Vishay Precision Group</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX172BENG+</a><br>Description: IC ADC 12BIT CMOS 24-DIP         | Manufacturers: <a href="#">Maxim Integrated</a>       | <div>RFQ</div> |
|  | Part#: <a href="#">MAX1730EUB+</a><br>Description: IC REG SWITCHD CAP PROG 10UMAX   | Manufacturers: <a href="#">Maxim Integrated</a>       | <div>RFQ</div> |
|  | Part#: <a href="#">MAX1729EVKIT</a><br>Description: EVAL KIT MAX1729 LCD DISPL      | Manufacturers: <a href="#">Maxim Integrated</a>       | <div>RFQ</div> |
|  | Part#: <a href="#">MAX172BCNG</a><br>Description: IC ADC CMOS 12BIT LP HISPD 24DIP  | Manufacturers: <a href="#">Maxim Integrated</a>       | <div>RFQ</div> |
|  | Part#: <a href="#">MAX172ACNG</a><br>Description: IC ADC 12-BIT 10US CMOS 24-DIP    | Manufacturers: <a href="#">Maxim Integrated</a>       | <div>RFQ</div> |
|  | Part#: <a href="#">MAX172BENG</a><br>Description: IC ADC 12-BIT 10US CMOS 24-DIP    | Manufacturers: <a href="#">Maxim Integrated</a>       | <div>RFQ</div> |
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|  | Part#: <a href="#">MAX172ACWG</a><br>Description: IC ADC 12-BIT 10US CMOS 24-SOIC   | Manufacturers: <a href="#">Maxim Integrated</a>       | <div>RFQ</div> |
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|  | Part#: <a href="#">MAX172AMRG/883B</a><br>Description: IC ADC 12BIT CMOS COTS       | Manufacturers: <a href="#">Maxim Integrated</a>       | <div>RFQ</div> |
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