

MAX502ACWG+



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Part Number: [MAX502ACWG+](#)

Manufacturer: [Maxim Integrated](#)

Description: IC DAC 12BIT VOLT OUT 24-SOIC

Data sheet:  [MAX501,502](#)  
 [Part Numbering System](#)

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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

Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                           |                                 |                                                                     |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|---------------------------------|---------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                              | MAX502ACWG+                               | Manufacturer                    | <a href="#">Maxim Integrated</a>                                    |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                              | IC DAC 12BIT VOLT OUT 24-SOIC             | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                          |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                       | 7747 pcs                                  | Data sheet                      | <a href="#">MAX501,502</a><br><a href="#">Part Numbering System</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply, Digital       | -                                                                   |
| Voltage - Supply, Analog                                                                                                                                                                                                                                                                                                                                                                                                                                 | ±11.4 V ~ 15.75 V                         | Supplier Device Package         | 24-SOIC                                                             |
| Settling Time                                                                                                                                                                                                                                                                                                                                                                                                                                            | 5µs                                       | Series                          | -                                                                   |
| Reference Type                                                                                                                                                                                                                                                                                                                                                                                                                                           | External                                  | Packaging                       | Tube                                                                |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                           | 24-SOIC (0.295", 7.50mm Width)            | Output Type                     | Voltage - Buffered                                                  |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                    | 0°C ~ 70°C                                | Number of D/A Converters        | 1                                                                   |
| Number of Bits                                                                                                                                                                                                                                                                                                                                                                                                                                           | 12                                        | Mounting Type                   | Surface Mount                                                       |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                         | 1 (Unlimited)                             | Manufacturer Standard Lead Time | 6 Weeks                                                             |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                           | Lead free / RoHS Compliant                | INL/DNL (LSB)                   | ±0.75 (Max), ±1 (Max)                                               |
| Differential Output                                                                                                                                                                                                                                                                                                                                                                                                                                      | No                                        | Detailed Description            | 12 Bit Digital to Analog Converter 1 24-SOIC                        |
| Data Interface                                                                                                                                                                                                                                                                                                                                                                                                                                           | Parallel                                  | Base Part Number                | MAX502                                                              |
| Architecture                                                                                                                                                                                                                                                                                                                                                                                                                                             | R-2R                                      |                                 |                                                                     |
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| RELATED PRODUCTS                                                                   |                                                                                     |                                                 |                |
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|  | Part#: <a href="#">MAX502AEWG+T</a><br>Description: IC DAC 12BIT VOLT OUT 24-SOIC   | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX5028EUT-T</a><br>Description: IC REG BOOST 30V 0.26A SOT23-6  | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX502AEWG+</a><br>Description: IC DAC 12BIT VOLT OUT 24-SOIC    | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
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