

MAX508BEWP+T



Part Number: [MAX508BEWP+T](#)

Manufacturer: [Maxim Integrated](#)

Description: IC DAC 12BIT W/REF 20-SOIC

Data sheet:  [MAX507,508](#)  
 [Part Numbering System](#)

RoHs Status: Lead free / RoHS Compliant

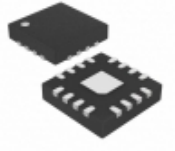
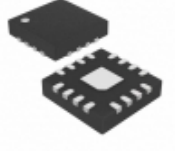
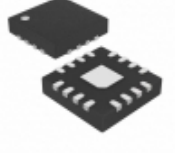
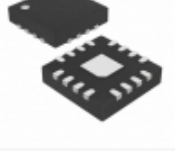
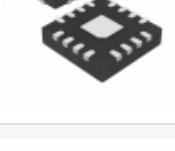
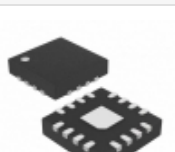
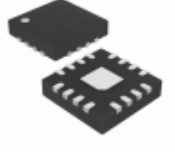
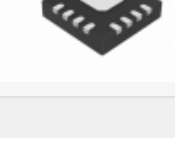
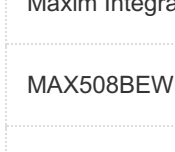
Ship From: Hong Kong

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

Images are for reference only.  
See Product Specifications for product details.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                           |                                 |                                                                     |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|---------------------------------|---------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                               | MAX508BEWP+T                              | Manufacturer                    | <a href="#">Maxim Integrated</a>                                    |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                               | IC DAC 12BIT W/REF 20-SOIC                | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                          |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                        | 6855 pcs                                  | Data sheet                      | <a href="#">MAX507,508</a><br><a href="#">Part Numbering System</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply, Digital       | 11.4 V ~ 15.75 V                                                    |
| Voltage - Supply, Analog                                                                                                                                                                                                                                                                                                                                                                                                                                  | ±11.4 V ~ 15.75 V                         | Supplier Device Package         | 20-SOIC                                                             |
| Settling Time                                                                                                                                                                                                                                                                                                                                                                                                                                             | 5µs                                       | Series                          | -                                                                   |
| Reference Type                                                                                                                                                                                                                                                                                                                                                                                                                                            | Internal                                  | Packaging                       | Tape & Reel (TR)                                                    |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                            | 20-SOIC (0.295", 7.50mm Width)            | Output Type                     | Voltage - Buffered                                                  |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                     | -40°C ~ 85°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)                   | ±1 (Max), ±1 (Max)                                                  |
| Differential Output                                                                                                                                                                                                                                                                                                                                                                                                                                       | No                                        | Detailed Description            | 12 Bit Digital to Analog Converter 1 20-SOIC                        |
| Data Interface                                                                                                                                                                                                                                                                                                                                                                                                                                            | Parallel                                  | Base Part Number                | MAX508                                                              |
| Architecture                                                                                                                                                                                                                                                                                                                                                                                                                                              | R-2R                                      |                                 |                                                                     |
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| RELATED PRODUCTS                                                                   |                                                                                     |                                                 |                |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------|----------------|
|  | Part#: <a href="#">MAX508AEWP+</a><br>Description: IC DAC 12BIT W/REF 20-SOIC       | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX5090CATE/V+T</a><br>Description: IC REG BUCK ADJ 2A 16WQFN    | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX508BEWP+</a><br>Description: IC DAC 12BIT W/REF 20-SOIC       | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX5090AATE/V+T</a><br>Description: IC REG BUCK 3.3V 2A 16WQFN   | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX508BCWP</a><br>Description: IC DAC V-OUT W/REF 12BIT 20-SOIC  | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX5090CATE/V+</a><br>Description: IC REG BUCK ADJ 2A 16WQFN     | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX5090CATE+</a><br>Description: IC REG BUCK ADJ 2A 16TQFN       | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX508AEWP+T</a><br>Description: IC DAC 12BIT W/REF 20-SOIC      | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX508BEWP</a><br>Description: IC DAC V-OUT 12BIT W/REF 20-SOIC  | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX508BCWP+</a><br>Description: IC DAC V-OUT W/REF 12BIT 20-SOIC | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX508BEPP</a><br>Description: IC DAC V-OUT 12BIT W/REF 20-DIP   | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX5090BATE+</a><br>Description: IC REG BUCK 5V 2A 16TQFN        | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">MAX508BCPP+</a><br>Description: IC DAC V-OUT W/REF 12BIT 20-DIP  | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX508BCPP</a><br>Description: IC DAC V-OUT W/REF 12BIT 20-DIP   | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX5090CATE+T</a><br>Description: IC REG BUCK ADJ 2A 16TQFN      | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX5090AATE+T</a><br>Description: IC REG BUCK 3.3V 2A 16TQFN     | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX5090AATE+</a><br>Description: IC REG BUCK 3.3V 2A 16TQFN      | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">MAX5090BATE+T</a><br>Description: IC REG BUCK 5V 2A 16TQFN       | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |

| Related keywords for MAX508BEWP+T |                          |                       |                    |
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