

MAX5500AGAP+



Part Number: [MAX5500AGAP+](#)

Manufacturer: [Maxim Integrated](#)

Description: IC DAC 12BIT QUAD 0.75LSB 20SSOP

Data sheet:  [MAX5500-01](#)  
 [Part Numbering System](#)

RoHs Status: Lead free / RoHS Compliant

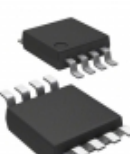
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                           |                                 |                                                                     |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|---------------------------------|---------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                | MAX5500AGAP+                              | Manufacturer                    | <a href="#">Maxim Integrated</a>                                    |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                | IC DAC 12BIT QUAD 0.75LSB 20SSOP          | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                          |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                         | 11202 pcs                                 | Data sheet                      | <a href="#">MAX5500-01</a><br><a href="#">Part Numbering System</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply, Digital       | 5V                                                                  |
| Voltage - Supply, Analog                                                                                                                                                                                                                                                                                                                                                                                                                                   | 5V                                        | Supplier Device Package         | 20-SSOP                                                             |
| Settling Time                                                                                                                                                                                                                                                                                                                                                                                                                                              | 12µs (Typ)                                | Series                          | -                                                                   |
| Reference Type                                                                                                                                                                                                                                                                                                                                                                                                                                             | External                                  | Packaging                       | Tube                                                                |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                             | 20-SSOP (0.209", 5.30mm Width)            | Output Type                     | Voltage - Buffered                                                  |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                      | -40°C ~ 105°C                             | Number of D/A Converters        | 4                                                                   |
| 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)                   | ±0.25, ±1 (Max)                                                     |
| Differential Output                                                                                                                                                                                                                                                                                                                                                                                                                                        | No                                        | Detailed Description            | 12 Bit Digital to Analog Converter 4 20-SSOP                        |
| Data Interface                                                                                                                                                                                                                                                                                                                                                                                                                                             | SPI                                       | Base Part Number                | MAX5500                                                             |
| Architecture                                                                                                                                                                                                                                                                                                                                                                                                                                               | R-2R                                      |                                 |                                                                     |
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| RELATED PRODUCTS                                                                   |                                                                                       |                                                       |                |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-------------------------------------------------------|----------------|
|  | Part#: <a href="#">MAX5500AGAP+T</a><br>Description: IC DAC 12BIT QUAD -.75LSB 20SSOP | Manufacturers: <a href="#">Maxim Integrated</a>       | <div>RFQ</div> |
|  | Part#: <a href="#">MAX549AEPA</a><br>Description: IC DAC DUAL 8BIT 2.5-5.5V 8-DIP     | Manufacturers: <a href="#">Maxim Integrated</a>       | <div>RFQ</div> |
|  | Part#: <a href="#">MAX5501AGAP+T</a><br>Description: IC DAC V-OUT 12BIT 4CH 20-SSOP   | Manufacturers: <a href="#">Maxim Integrated</a>       | <div>RFQ</div> |
|  | Part#: <a href="#">MAX5500BGAP+T</a><br>Description: IC DAC 12BIT QUAD 2LSB 20SSOP    | Manufacturers: <a href="#">Maxim Integrated</a>       | <div>RFQ</div> |
|  | Part#: <a href="#">MAX549AEUA</a><br>Description: IC DAC DUAL 8BIT 2.5-5.5V 8-UMAX    | Manufacturers: <a href="#">Maxim Integrated</a>       | <div>RFQ</div> |
|  | Part#: <a href="#">MAX5501BGAP+T</a><br>Description: IC DAC V-OUT 12BIT 4CH 20-SSOP   | Manufacturers: <a href="#">Maxim Integrated</a>       | <div>RFQ</div> |
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|  | Part#: <a href="#">MAX550AC/D</a><br>Description: IC DAC 8BIT                         | Manufacturers: <a href="#">Maxim Integrated</a>       | <div>RFQ</div> |
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|  | Part#: <a href="#">MAX54XEVKIT#</a><br>Description: BOARD EVAL DAC MAX541 MAX542      | Manufacturers: <a href="#">Maxim Integrated</a>       | <div>RFQ</div> |
|  | Part#: <a href="#">MAX549AEUA+T</a><br>Description: IC DAC DUAL 8BIT 2.5-5.5V 8-UMAX  | Manufacturers: <a href="#">Maxim Integrated</a>       | <div>RFQ</div> |
|  | Part#: <a href="#">MAX549ACUA+T</a><br>Description: IC DAC DUAL 8BIT 2.5-5.5V 8-UMAX  | Manufacturers: <a href="#">Maxim Integrated</a>       | <div>RFQ</div> |
|  | Part#: <a href="#">MAX5500BGAP+</a><br>Description: IC DAC 12BIT QUAD 2LSB 20SSOP     | Manufacturers: <a href="#">Maxim Integrated</a>       | <div>RFQ</div> |
|  | Part#: <a href="#">MAX5501AGAP+</a><br>Description: IC DAC V-OUT 12BIT 4CH 20-SSOP    | Manufacturers: <a href="#">Maxim Integrated</a>       | <div>RFQ</div> |
|  | Part#: <a href="#">MAX54K000B</a><br>Description: RES 54K OHM 0.1% 0.3W RADIAL        | Manufacturers: <a href="#">Vishay Precision Group</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX549AEPA+</a><br>Description: IC DAC DUAL 8BIT 2.5-5.5V 8-DIP    | Manufacturers: <a href="#">Maxim Integrated</a>       | <div>RFQ</div> |

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