

MAX518AESA+T



**Part Number:** [MAX518AESA+T](#)

**Manufacturer:** [Maxim Integrated](#)

**Description:** IC DAC 8BIT SGL 2WIRE SER 8-SOIC

**Data sheet:**  [MAX517-19](#)  
 [Part Numbering System](#)

**RoHs Status:** Lead free / RoHS Compliant

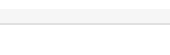
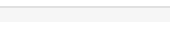
**Ship From:** Hong Kong

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

Images are for reference only.  
See Product Specifications for product details.  
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                           |                                 |                                                                    |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|---------------------------------|--------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                | MAX518AESA+T                              | Manufacturer                    | <a href="#">Maxim Integrated</a>                                   |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                | IC DAC 8BIT SGL 2WIRE SER 8-SOIC          | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                         |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                         | 19990 pcs                                 | Data sheet                      | <a href="#">MAX517-19</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         | 8-SOIC                                                             |
| Settling Time                                                                                                                                                                                                                                                                                                                                                                                                                                              | 6µs (Typ)                                 | Series                          | -                                                                  |
| Reference Type                                                                                                                                                                                                                                                                                                                                                                                                                                             | External                                  | Packaging                       | Tape & Reel (TR)                                                   |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                             | 8-SOIC (0.154", 3.90mm Width)             | Output Type                     | Voltage - Buffered                                                 |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                      | -40°C ~ 85°C                              | Number of D/A Converters        | 2                                                                  |
| Number of Bits                                                                                                                                                                                                                                                                                                                                                                                                                                             | 8                                         | 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            | 8 Bit Digital to Analog Converter 2 8-SOIC                         |
| Data Interface                                                                                                                                                                                                                                                                                                                                                                                                                                             | I²C                                       | Base Part Number                | MAX518                                                             |
| Architecture                                                                                                                                                                                                                                                                                                                                                                                                                                               | R-2R                                      |                                 |                                                                    |
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| RELATED PRODUCTS                                                                   |                                                                                      |                                                 |                     |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|-------------------------------------------------|---------------------|
|  | Part#: <a href="#">MAX518BEPA+</a><br>Description: IC DAC 8BIT SGL 2WIRE SER 8-DIP   | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX5187BEEG+T</a><br>Description: IC DAC 8BIT 40MHZ 24-QSOP       | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX5189BEEI+</a><br>Description: IC DAC 8BIT DUAL 40MHZ 28-QSOP   | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX518ACSA+</a><br>Description: IC DAC 8BIT SGL 2WIRE SER 8-SOIC  | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX518BCPA+</a><br>Description: IC DAC 8BIT 2WIRE SRL R-R 8-DIP   | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX5188BEEI+T</a><br>Description: IC DAC 8BIT DUAL 40MHZ 28-QSOP  | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">MAX518BCPA</a><br>Description: IC DAC 8BIT 2WIRE SRL R-R 8-DIP    | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX518ACSA+T</a><br>Description: IC DAC 8BIT SGL 2WIRE SER 8-SOIC | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX518BESA</a><br>Description: IC DAC 8BIT 2WIRE SRL R-R 8SOIC    | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX518BCSA+</a><br>Description: IC DAC 8BIT 2WIRE SRL R-R 8SOIC   | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX5188BEEI+</a><br>Description: IC DAC 8BIT DUAL 40MHZ 28-QSOP   | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX518BCSA-T</a><br>Description: IC DAC 8BIT 2WIRE SRL R-R 8SOIC  | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX518ACPA+</a><br>Description: IC DAC 8BIT SGL 2WIRE SER 8-DIP   | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX518BC/D</a><br>Description: IC DAC 8BIT R-R OUTPUT             | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX518BCSA+T</a><br>Description: IC DAC 8BIT SGL 2WIRE SER 8-SOIC | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX518BCSA</a><br>Description: IC DAC 8BIT 2WIRE SRL R-R 8SOIC    | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |

Related keywords for MAX518AESA+T

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