

MAX520BCWE+T





Part Number: [MAX520BCWE+T](#)

Manufacturer: [Maxim Integrated](#)

Description: IC DAC 8BIT QUAD 2WIRE 16-SOIC

Data sheet:  [MAX520,MAX521](#)  
 [Part Numbering System](#)

RoHs Status: Lead free / RoHS Compliant

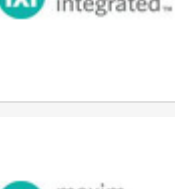
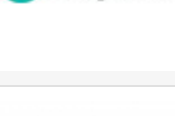
Ship From: Hong Kong

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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                           |                                 |                                                                        |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|---------------------------------|------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                | MAX520BCWE+T                              | Manufacturer                    | <a href="#">Maxim Integrated</a>                                       |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                | IC DAC 8BIT QUAD 2WIRE 16-SOIC            | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                             |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                         | 18303 pcs                                 | Data sheet                      | <a href="#">MAX520,MAX521</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         | 16-SOIC                                                                |
| Settling Time                                                                                                                                                                                                                                                                                                                                                                                                                                              | 2µs (Typ)                                 | Series                          | -                                                                      |
| Reference Type                                                                                                                                                                                                                                                                                                                                                                                                                                             | External                                  | Packaging                       | Tape & Reel (TR)                                                       |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                             | 16-SOIC (0.295", 7.50mm Width)            | Output Type                     | Voltage - Unbuffered                                                   |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                      | 0°C ~ 70°C                                | Number of D/A Converters        | 4                                                                      |
| 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 4 16-SOIC                            |
| Data Interface                                                                                                                                                                                                                                                                                                                                                                                                                                             | I <sup>2</sup> C                          | Base Part Number                | MAX520                                                                 |
| Architecture                                                                                                                                                                                                                                                                                                                                                                                                                                               | R-2R                                      |                                 |                                                                        |
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| RELATED PRODUCTS                                                                   |                                                                                      |                                                 |                |
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