

MAX521BCPP+



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**Part Number:** [MAX521BCPP+](#)  
**Manufacturer:** [Maxim Integrated](#)  
**Description:** IC DAC OCTL 2WIRE 8BIT R-R 20DIP  
**Data sheet:**  [MAX520,MAX521](#)  
 [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                                                                                                                                                                                                                                                                                                                                                                                                                                               | MAX521BCPP+                               | Manufacturer                    | <a href="#">Maxim Integrated</a>                                       |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                               | IC DAC OCTL 2WIRE 8BIT R-R 20DIP          | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                             |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                        | 11499 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         | 20-PDIP                                                                |
| Settling Time                                                                                                                                                                                                                                                                                                                                                                                                                                             | 6µs (Typ)                                 | Series                          | -                                                                      |
| Reference Type                                                                                                                                                                                                                                                                                                                                                                                                                                            | External                                  | Packaging                       | Tube                                                                   |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                            | 20-DIP (0.300", 7.62mm)                   | Output Type                     | Voltage - Buffered                                                     |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                     | 0°C ~ 70°C                                | Number of D/A Converters        | 8                                                                      |
| Number of Bits                                                                                                                                                                                                                                                                                                                                                                                                                                            | 8                                         | Mounting Type                   | Through Hole                                                           |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                          | 1 (Unlimited)                             | Manufacturer Standard Lead Time | 6 Weeks                                                                |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                            | Lead free / RoHS Compliant                | INL/DNL (LSB)                   | ±2 (Max), ±1 (Max)                                                     |
| Differential Output                                                                                                                                                                                                                                                                                                                                                                                                                                       | No                                        | Detailed Description            | 8 Bit Digital to Analog Converter 8 20-PDIP                            |
| Data Interface                                                                                                                                                                                                                                                                                                                                                                                                                                            | I²C                                       | Base Part Number                | MAX521                                                                 |
| Architecture                                                                                                                                                                                                                                                                                                                                                                                                                                              | R-2R                                      |                                 |                                                                        |
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| RELATED PRODUCTS                                                                   |                                                                                     |                                                 |                     |
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|  | Part#: <a href="#">MAX521BCWG</a><br>Description: IC DAC OCTAL SER 8BIT R/R 24SOIC  | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX521BCWG+</a><br>Description: IC DAC 8BIT OCTAL 2WIRE 24-SOIC  | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX521BEAG</a><br>Description: IC DAC OCTAL SER 8BIT R/R 24SSOP  | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX521BEAG+</a><br>Description: IC DAC 8BIT OCTAL 2WIRE 24-SSOP  | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX521BEWG</a><br>Description: IC DAC OCTAL SER 8BIT R/R 24SOIC  | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
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