

MAX512ESD+



Part Number: [MAX512ESD+](#)

Manufacturer: [Maxim Integrated](#)

Description: IC DAC 8BIT TRIPLE SERIAL 14SOIC

Data sheet:  [MAX512-13](#)  
 [Part Numbering System](#)

RoHs Status: Lead free / RoHS Compliant

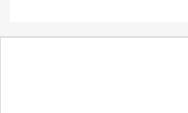
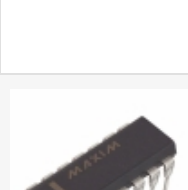
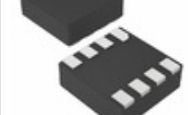
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                           |                                 |                                                                    |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|---------------------------------|--------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                              | MAX512ESD+                                | Manufacturer                    | <a href="#">Maxim Integrated</a>                                   |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                              | IC DAC 8BIT TRIPLE SERIAL 14SOIC          | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                         |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                       | 18861 pcs                                 | Data sheet                      | <a href="#">MAX512-13</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         | 14-SOIC                                                            |
| Settling Time                                                                                                                                                                                                                                                                                                                                                                                                                                            | 70µs (Typ)                                | Series                          | -                                                                  |
| Reference Type                                                                                                                                                                                                                                                                                                                                                                                                                                           | External                                  | Packaging                       | Tube                                                               |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                           | 14-SOIC (0.154", 3.90mm Width)            | Output Type                     | Voltage - Buffered                                                 |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                    | -40°C ~ 85°C                              | Number of D/A Converters        | 3                                                                  |
| 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)                   | ±1.5 (Max), ±1 (Max)                                               |
| Differential Output                                                                                                                                                                                                                                                                                                                                                                                                                                      | No                                        | Detailed Description            | 8 Bit Digital to Analog Converter 3 14-SOIC                        |
| Data Interface                                                                                                                                                                                                                                                                                                                                                                                                                                           | SPI                                       | Base Part Number                | MAX512                                                             |
| Architecture                                                                                                                                                                                                                                                                                                                                                                                                                                             | R-2R                                      |                                 |                                                                    |
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