

MAX5121AEEE+T



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**Part Number:** [MAX5121AEEE+T](#)

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

**Description:** IC DAC 12BIT LP 3V W/REF 16-QSOP

**Data sheet:**  [MAX5120-21](#)  
 [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                                                                                                                                                                                                                                                                                                                                                                                                                                                 | MAX5121AEEE+T                             | Manufacturer                    | <a href="#">Maxim Integrated</a>                                    |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                 | IC DAC 12BIT LP 3V W/REF 16-QSOP          | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                          |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                          | 14854 pcs                                 | Data sheet                      | <a href="#">MAX5120-21</a><br><a href="#">Part Numbering System</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply, Digital       | 2.7 V ~ 3.6 V                                                       |
| Voltage - Supply, Analog                                                                                                                                                                                                                                                                                                                                                                                                                                    | 2.7 V ~ 3.6 V                             | Supplier Device Package         | 16-QSOP                                                             |
| Settling Time                                                                                                                                                                                                                                                                                                                                                                                                                                               | 20µs (Typ)                                | Series                          | -                                                                   |
| Reference Type                                                                                                                                                                                                                                                                                                                                                                                                                                              | External, Internal                        | Packaging                       | Tape & Reel (TR)                                                    |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                              | 16-SSOP (0.154", 3.90mm Width)            | Output Type                     | Voltage - Buffered                                                  |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                       | -40°C ~ 85°C                              | Number of D/A Converters        | 1                                                                   |
| Number of Bits                                                                                                                                                                                                                                                                                                                                                                                                                                              | 12                                        | Mounting Type                   | Surface Mount                                                       |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                            | 1 (Unlimited)                             | Manufacturer Standard Lead Time | 7 Weeks                                                             |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                              | Lead free / RoHS Compliant                | INL/DNL (LSB)                   | ±1 (Max), ±1 (Max)                                                  |
| Differential Output                                                                                                                                                                                                                                                                                                                                                                                                                                         | No                                        | Detailed Description            | 12 Bit Digital to Analog Converter 1 16-QSOP                        |
| Data Interface                                                                                                                                                                                                                                                                                                                                                                                                                                              | SPI                                       | Base Part Number                | MAX5121                                                             |
| Architecture                                                                                                                                                                                                                                                                                                                                                                                                                                                | R-2R                                      |                                 |                                                                     |
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