

MAX5141EUA+T



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Part Number: [MAX5141EUA+T](#)

Manufacturer: [Maxim Integrated](#)

Description: IC DAC 14BIT SER/VOLT I/O 8-UMAX

Data sheet:  [MAX5141-44](#)  
 [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                                                                                                                                                                                                                                                                                                                                                                                                                                                | MAX5141EUA+T                              | Manufacturer                    | <a href="#">Maxim Integrated</a>                                    |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                | IC DAC 14BIT SER/VOLT I/O 8-UMAX          | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                          |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                         | 14228 pcs                                 | Data sheet                      | <a href="#">MAX5141-44</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-uMAX                                                              |
| Settling Time                                                                                                                                                                                                                                                                                                                                                                                                                                              | 1µs (Typ)                                 | Series                          | -                                                                   |
| Reference Type                                                                                                                                                                                                                                                                                                                                                                                                                                             | External                                  | Packaging                       | Tape & Reel (TR)                                                    |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                             | 8-TSSOP, 8-MSOP (0.118", 3.00mm Width)    | Output Type                     | Voltage - Unbuffered                                                |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                      | -40°C ~ 85°C                              | Number of D/A Converters        | 1                                                                   |
| Number of Bits                                                                                                                                                                                                                                                                                                                                                                                                                                             | 14                                        | 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)                   | ±0.5, ±0.5                                                          |
| Differential Output                                                                                                                                                                                                                                                                                                                                                                                                                                        | No                                        | Detailed Description            | 14 Bit Digital to Analog Converter 1 8-uMAX                         |
| Data Interface                                                                                                                                                                                                                                                                                                                                                                                                                                             | SPI                                       | Base Part Number                | MAX5141                                                             |
| Architecture                                                                                                                                                                                                                                                                                                                                                                                                                                               | R-2R                                      |                                 |                                                                     |
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| RELATED PRODUCTS                                                                   |                                                                                      |                                                 |                |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|-------------------------------------------------|----------------|
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|  | Part#: <a href="#">MAX5142EUB+</a><br>Description: IC DAC 14BIT SER/VOLT I/O 10UMAX  | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
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