

MAX536ACWE+T





**Part Number:** [MAX536ACWE+T](#)

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

**Description:** IC DAC 12BIT QUAD CALIB 16-SOIC

**Data sheet:**  [MAX536,537](#)  
 [Part Numbering System](#)

**RoHS Status:** Lead free / RoHS Compliant

**Ship From:** Hong Kong

**Shipment Way:** DHL/Fedex/TNT/UPS/EMS

Images are for reference only.  
See Product Specifications for product details.  
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                           |                                 |                                                                     |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|---------------------------------|---------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                               | MAX536ACWE+T                              | Manufacturer                    | <a href="#">Maxim Integrated</a>                                    |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                               | IC DAC 12BIT QUAD CALIB 16-SOIC           | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                          |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                        | 3682 pcs                                  | Data sheet                      | <a href="#">MAX536,537</a><br><a href="#">Part Numbering System</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply, Digital       | -                                                                   |
| Voltage - Supply, Analog                                                                                                                                                                                                                                                                                                                                                                                                                                  | 10.8 V ~ 13.2 V, -5V                      | Supplier Device Package         | 16-SOIC                                                             |
| Settling Time                                                                                                                                                                                                                                                                                                                                                                                                                                             | 3µs (Typ)                                 | Series                          | -                                                                   |
| Reference Type                                                                                                                                                                                                                                                                                                                                                                                                                                            | External                                  | Packaging                       | Tape & Reel (TR)                                                    |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                            | 16-SOIC (0.295", 7.50mm Width)            | Output Type                     | Voltage - Buffered                                                  |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                     | 0°C ~ 70°C                                | Number of D/A Converters        | 4                                                                   |
| Number of Bits                                                                                                                                                                                                                                                                                                                                                                                                                                            | 12                                        | 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)                   | ±0.15, ±1 (Max)                                                     |
| Differential Output                                                                                                                                                                                                                                                                                                                                                                                                                                       | No                                        | Detailed Description            | 12 Bit Digital to Analog Converter 4 16-SOIC                        |
| Data Interface                                                                                                                                                                                                                                                                                                                                                                                                                                            | SPI                                       | Base Part Number                | MAX536                                                              |
| Architecture                                                                                                                                                                                                                                                                                                                                                                                                                                              | R-2R                                      |                                 |                                                                     |
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| RELATED PRODUCTS                                                                   |                                                                                       |                                                 |                     |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-------------------------------------------------|---------------------|
|  | Part#: <a href="#">MAX536AEWE</a><br>Description: IC DAC QUAD CALBRTD 12BIT 16SOIC    | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX5363EUT+T</a><br>Description: IC DAC 6BIT LP 3WIRE SER SOT23-6  | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX5364EUT+T</a><br>Description: IC DAC 6BIT LP 3WIRE SER SOT23-6  | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX5365EUT+T</a><br>Description: IC DAC 6BIT LP 3WIRE SER SOT23-6  | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX5362NEUK-T</a><br>Description: IC DAC LP 6BIT 2-WIRE SOT23-5    | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
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