

MAX537ACPE+



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**Part Number:** [MAX537ACPE+](#)

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

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

**Data sheet:**  [MAX536,537](#)  
 [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                                                                                                                                                                                                                                                                                                                                                                                                                                              | MAX537ACPE+                               | Manufacturer                    | <a href="#">Maxim Integrated</a>                                    |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                              | IC DAC 12BIT QUAD CALIB 16-DIP            | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                          |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                       | 2162 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                                                                                                                                                                                                                                                                                                                                                                                                                                 | ±5V                                       | Supplier Device Package         | 16-PDIP                                                             |
| Settling Time                                                                                                                                                                                                                                                                                                                                                                                                                                            | 5µs (Typ)                                 | Series                          | -                                                                   |
| Reference Type                                                                                                                                                                                                                                                                                                                                                                                                                                           | External                                  | Packaging                       | Tube                                                                |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                           | 16-DIP (0.300", 7.62mm)                   | Output Type                     | Voltage - Buffered                                                  |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                    | 0°C ~ 70°C                                | Number of D/A Converters        | 4                                                                   |
| Number of Bits                                                                                                                                                                                                                                                                                                                                                                                                                                           | 12                                        | Mounting Type                   | Through Hole                                                        |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                         | 1 (Unlimited)                             | Manufacturer Standard Lead Time | 11 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-PDIP                        |
| Data Interface                                                                                                                                                                                                                                                                                                                                                                                                                                           | SPI                                       | Base Part Number                | MAX537                                                              |
| Architecture                                                                                                                                                                                                                                                                                                                                                                                                                                             | R-2R                                      |                                 |                                                                     |
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| RELATED PRODUCTS                                                                   |                                                                                     |                                                 |                     |
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|  | Part#: <a href="#">MAX537ACWE</a><br>Description: IC DAC QUAD CALBRTD 12BIT 16SOIC  | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
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