

MAX532ACPE



**Part Number:** [MAX532ACPE](#)

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

**Description:** IC MDAC DUAL V-OUT 12BIT 16-DIP

**Data sheet:**  [MAX532](#)  
 [Part Numbering System](#)

**RoHs Status:** Contains lead / RoHS non-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                                                                                                                                                                                                                                                                                                                                                                                                                                             | MAX532ACPE                                | Manufacturer                     | <a href="#">Maxim Integrated</a>                                |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                             | IC MDAC DUAL V-OUT 12BIT 16-DIP           | Lead Free Status / RoHS Status   | Contains lead / RoHS non-compliant                              |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                      | 5032 pcs                                  | Data sheet                       | <a href="#">MAX532</a><br><a href="#">Part Numbering System</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply, Digital        | -                                                               |
| Voltage - Supply, Analog                                                                                                                                                                                                                                                                                                                                                                                                                                | ±11.4 V ~ 16.5 V                          | Supplier Device Package          | 16-PDIP                                                         |
| Settling Time                                                                                                                                                                                                                                                                                                                                                                                                                                           | 2.5µs (Typ)                               | Series                           | -                                                               |
| Reference Type                                                                                                                                                                                                                                                                                                                                                                                                                                          | External                                  | Packaging                        | Tube                                                            |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                          | 16-DIP (0.300", 7.62mm)                   | Output Type                      | Voltage - Buffered                                              |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                                             | Q1441979                                  | Operating Temperature            | 0°C ~ 70°C                                                      |
| Number of D/A Converters                                                                                                                                                                                                                                                                                                                                                                                                                                | 2                                         | Number of Bits                   | 12                                                              |
| Mounting Type                                                                                                                                                                                                                                                                                                                                                                                                                                           | Through Hole                              | Moisture Sensitivity Level (MSL) | 1 (Unlimited)                                                   |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                          | Contains lead / RoHS non-compliant        | INL/DNL (LSB)                    | ±0.5 (Max), ±1 (Max)                                            |
| Differential Output                                                                                                                                                                                                                                                                                                                                                                                                                                     | No                                        | Detailed Description             | 12 Bit Digital to Analog Converter 2 16-PDIP                    |
| Data Interface                                                                                                                                                                                                                                                                                                                                                                                                                                          | SPI                                       | Base Part Number                 | MAX532                                                          |
| Architecture                                                                                                                                                                                                                                                                                                                                                                                                                                            | R-2R                                      |                                  |                                                                 |
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|  | Part#: <a href="#">MAX5322EAI+T</a><br>Description: IC DAC 12BIT DUAL 10V SER 28SSOP | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX531BCSD+</a><br>Description: IC DAC V-OUT SRL 12BIT 5V 14SOIC  | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX5322EAI+</a><br>Description: IC DAC 12BIT DUAL 10V SER 28SSOP  | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
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