

MAX189AEPA+



Part Number: [MAX189AEPA+](#)

Manufacturer: [Maxim Integrated](#)

Description: IC ADC 12BIT SERIAL LP 8-DIP

Data sheet:  [MAX187,189](#)  
 [Part Numbering System](#)

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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

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See Product Specifications for product details.  
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| PRODUCT PARAMETER                |                                           |                                 |                                                                     |
|----------------------------------|-------------------------------------------|---------------------------------|---------------------------------------------------------------------|
| Part Number                      | MAX189AEPA+                               | Manufacturer                    | <a href="#">Maxim Integrated</a>                                    |
| Description                      | IC ADC 12BIT SERIAL LP 8-DIP              | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                          |
| Quantity Available               | 4175 pcs                                  | Data sheet                      | <a href="#">MAX187,189</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-PDIP                                                              |
| Series                           | -                                         | Sampling Rate (Per Second)      | 75k                                                                 |
| Reference Type                   | External                                  | Ratio - S/H:ADC                 | 1:1                                                                 |
| Packaging                        | Tube                                      | Package / Case                  | 8-DIP (0.300", 7.62mm)                                              |
| Operating Temperature            | -40°C ~ 85°C                              | Number of Inputs                | 1                                                                   |
| Number of Bits                   | 12                                        | Number of A/D Converters        | 1                                                                   |
| Moisture Sensitivity Level (MSL) | 1 (Unlimited)                             | Manufacturer Standard Lead Time | 6 Weeks                                                             |
| Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                | Input Type                      | Single Ended                                                        |
| Features                         | -                                         | Detailed Description            | 12 Bit Analog to Digital Converter 1 Input 1 SAR 8-PDIP             |
| Data Interface                   | SPI                                       | Configuration                   | S/H-ADC                                                             |
| Base Part Number                 | MAX189                                    | Architecture                    | SAR                                                                 |

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