

MAX157AEPA



Part Number: [MAX157AEPA](#)

Manufacturer: [Maxim Integrated](#)

Description: IC ADC LP 10-BIT 108KSPS 8-DIP

Data sheet:  [Part Numbering System](#)  
 [MAX157,159](#)

RoHS Status: Contains lead / RoHS non-compliant

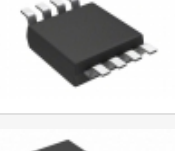
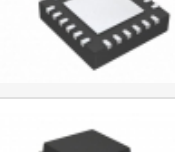
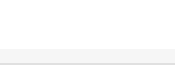
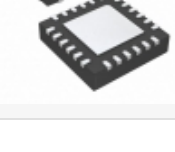
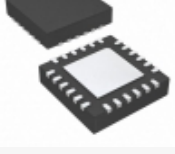
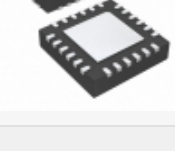
Ship From: Hong Kong

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

Images are for reference only.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                         |                                |                                                                     |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|--------------------------------|---------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                             | MAX157AEPA                                              | Manufacturer                   | <a href="#">Maxim Integrated</a>                                    |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                             | IC ADC LP 10-BIT 108KSPS 8-DIP                          | Lead Free Status / RoHS Status | Contains lead / RoHS non-compliant                                  |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                      | 4926 pcs                                                | Data sheet                     | <a href="#">Part Numbering System</a><br><a href="#">MAX157,159</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                | <a href="#">Integrated Circuits (ICs)</a>               | Voltage - Supply, Digital      | 2.7 V ~ 5.25 V                                                      |
| Voltage - Supply, Analog                                                                                                                                                                                                                                                                                                                                                                                                                                | 2.7 V ~ 5.25 V                                          | Supplier Device Package        | 8-PDIP                                                              |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                  | -                                                       | Sampling Rate (Per Second)     | 108k                                                                |
| 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               | 2                                                                   |
| Number of Bits                                                                                                                                                                                                                                                                                                                                                                                                                                          | 10                                                      | Number of A/D Converters       | 1                                                                   |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                        | 1 (Unlimited)                                           | Lead Free Status / RoHS Status | Contains lead / RoHS non-compliant                                  |
| Input Type                                                                                                                                                                                                                                                                                                                                                                                                                                              | Single Ended                                            | Features                       | -                                                                   |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                    | 10 Bit Analog to Digital Converter 2 Input 1 SAR 8-PDIP | Data Interface                 | SPI                                                                 |
| Configuration                                                                                                                                                                                                                                                                                                                                                                                                                                           | MUX-S/H-ADC                                             | Base Part Number               | MAX157                                                              |
| Architecture                                                                                                                                                                                                                                                                                                                                                                                                                                            | SAR                                                     |                                |                                                                     |
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| RELATED PRODUCTS                                                                   |                                                                                      |                                                 |                |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|-------------------------------------------------|----------------|
|  | Part#: <a href="#">MAX157BCPA+</a><br>Description: IC ADC 10BIT 108KSPS 2CH 8-DIP    | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX157ACPA+</a><br>Description: IC ADC 10BIT 108KSPS 2CH 8-DIP    | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX157BCUA</a><br>Description: IC ADC LP 10-BIT 108KSPS 8-UMAX    | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX1577ZETA+T</a><br>Description: IC LED DRIVER RGLTR DIM 8TDFN   | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX157BCUA+T</a><br>Description: IC ADC 10BIT 108KSPS 2CH 8-UMAX  | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX1579ETG+T</a><br>Description: IC PS BIAS/WHITE LED TFT 24-TQFN | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX157AEUA+T</a><br>Description: IC ADC 10BIT 108KSPS 2CH 8-UMAX  | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX157ACPA</a><br>Description: IC ADC LP 10-BIT 108KSPS 8-DIP     | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">MAX157BCUA+</a><br>Description: IC ADC 10BIT 108KSPS 2CH 8-UMAX   | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX157ACUA</a><br>Description: IC ADC LP 10-BIT 108KSPS 8-UMAX    | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">MAX157BEPA</a><br>Description: IC ADC LP 10-BIT 108KSPS 8-DIP     | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX1579ETG+</a><br>Description: IC PS BIAS/WHITE LED TFT 24-TQFN  | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX157AEUA</a><br>Description: IC ADC LP 10-BIT 108KSPS 8-UMAX    | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX1578ETG+</a><br>Description: IC PS BIAS/WHITE LED TFT 24-TQFN  | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |

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