

MAX1236LEUA+T





Part Number: [MAX1236LEUA+T](#)

Manufacturer: [Maxim Integrated](#)

Description: IC ADC 12BIT 4CH 2WIRE SER 8UMAX

Data sheet:  [MAX1236-1239](#)  
 [Part Numbering System](#)

RoHs Status: Lead free / RoHS Compliant

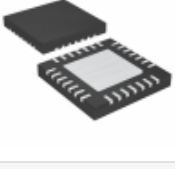
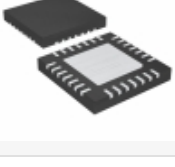
Ship From: Hong Kong

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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                            |                                |                                                                       |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------|--------------------------------|-----------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                | MAX1236LEUA+T                                              | Manufacturer                   | <a href="#">Maxim Integrated</a>                                      |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                | IC ADC 12BIT 4CH 2WIRE SER 8UMAX                           | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                            |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                         | 5248 pcs                                                   | Data sheet                     | <a href="#">MAX1236-1239</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-uMAX                                                                |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                     | -                                                          | Sampling Rate (Per Second)     | 94.4k                                                                 |
| Reference Type                                                                                                                                                                                                                                                                                                                                                                                                                                             | External, Internal                                         | Ratio - S/H:ADC                | 1:1                                                                   |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Tape & Reel (TR)                                           | Package / Case                 | 8-TSSOP, 8-MSOP (0.118", 3.00mm Width)                                |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                      | -40°C ~ 85°C                                               | Number of Inputs               | 2, 4                                                                  |
| Number of Bits                                                                                                                                                                                                                                                                                                                                                                                                                                             | 12                                                         | Number of A/D Converters       | 1                                                                     |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                           | 1 (Unlimited)                                              | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                            |
| Input Type                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Differential, Single Ended                                 | Features                       | -                                                                     |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                       | 12 Bit Analog to Digital Converter 2, 4 Input 1 SAR 8-uMAX | Data Interface                 | I <sup>2</sup> C                                                      |
| Configuration                                                                                                                                                                                                                                                                                                                                                                                                                                              | S/H-ADC                                                    | Base Part Number               | MAX1236                                                               |
| Architecture                                                                                                                                                                                                                                                                                                                                                                                                                                               | SAR                                                        |                                |                                                                       |
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| RELATED PRODUCTS                                                                   |                                                                                       |                                                 |                |
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|  | Part#: <a href="#">MAX1236EUA+</a><br>Description: IC ADC 12-BIT 94KSPS 8-UMAX        | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX1234EVC16</a><br>Description: EV SYSTEM/EV KIT MAX1233/MAX1234  | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX1236KEUA+T</a><br>Description: IC ADC 12BIT 4CH 2WIRE SER 8UMAX | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX1237MEUA+T</a><br>Description: IC ADC 12BIT 2CH DIFF 2.7V 8MSOP | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX1238EEEE+T</a><br>Description: IC ADC 12BIT SERIAL 16-QSOP      | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">MAX1238EEEE+</a><br>Description: IC ADC 12-BIT 94KSPS 16-QSOP      | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
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