

MAX11613EUA+T



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Part Number: [MAX11613EUA+T](#)

Manufacturer: [Maxim Integrated](#)

Description: IC ADC I2C/SRL 12BIT 4CH 8UMAX

Data sheet:  [MAX11612-17](#)  
 [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                                                                                                                                                                                                                                                                                                                                                                                                                                                 | MAX11613EUA+T                                              | Manufacturer                     | <a href="#">Maxim Integrated</a>                                     |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                 | IC ADC I2C/SRL 12BIT 4CH 8UMAX                             | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                           |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                          | 47323 pcs                                                  | Data sheet                       | <a href="#">MAX11612-17</a><br><a href="#">Part Numbering System</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <a href="#">Integrated Circuits (ICs)</a>                  | Voltage - Supply, Digital        | 2.7 V ~ 3.6 V                                                        |
| Voltage - Supply, Analog                                                                                                                                                                                                                                                                                                                                                                                                                                    | 2.7 V ~ 3.6 V                                              | Supplier Device Package          | 8-uMAX                                                               |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                      | -                                                          | Sampling Rate (Per Second)       | 94.4k                                                                |
| Reference Type                                                                                                                                                                                                                                                                                                                                                                                                                                              | External, Internal                                         | Ratio - S/H:ADC                  | 1:1                                                                  |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Cut Tape (CT)                                              | Package / Case                   | 8-TSSOP, 8-MSOP (0.118", 3.00mm Width)                               |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                                                 | MAX11613EUA+CT                                             | 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)                                                        |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                                                             | 6 Weeks                                                    | 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                                                                                                                                                                                                                                                                                                                                                                                                                                               | MUX-S/H-ADC                                                | Architecture                     | SAR                                                                  |
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| RELATED PRODUCTS                                                                   |                                                                                       |                                                 |                |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-------------------------------------------------|----------------|
|  | Part#: <a href="#">MAX11610EEE+T</a><br>Description: IC ADC SERIAL 10BIT 12CH 16-QSOP | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX11613EUA+</a><br>Description: IC ADC I2C/SRL 12BIT 4CH 8UMAX    | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX11612EVSYS+</a><br>Description: EVALUATION SYSTEM FOR MAX11612  | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX11614EEE+T</a><br>Description: IC ADC SERIAL 12BIT 8CH 16-QSOP  | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX11612DB+</a><br>Description: KIT EVALUATION FOR MAX11612        | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX11612EUA+T</a><br>Description: IC ADC I2C/SRL 12BIT 4CH 8UMAX   | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">MAX11612EVKIT+</a><br>Description: KIT EVALUATION FOR MAX11612     | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX11614EVSYS+</a><br>Description: EVALUATION SYSTEM FOR MAX11614  | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">MAX11613EWC+T</a><br>Description: IC ADC SERIAL 12BIT 4CH 12WLP    | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
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Related keywords for MAX11613EUA+T

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