

MAX11102AUB/V+



Part Number: [MAX11102AUB/V+](#)

Manufacturer: [Maxim Integrated](#)

Description: IC ADC 12BIT SPI/SRL 10UMAX

Data sheet:  [MAX11102-17](#)  
 [Part Numbering System](#)

RoHs Status: Lead free / RoHS Compliant

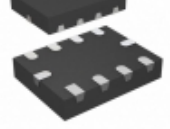
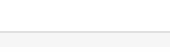
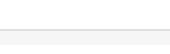
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                           |                                 |                                                                      |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|---------------------------------|----------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                  | MAX11102AUB/V+                            | Manufacturer                    | <a href="#">Maxim Integrated</a>                                     |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                  | IC ADC 12BIT SPI/SRL 10UMAX               | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                           |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                           | 34052 pcs                                 | Data sheet                      | <a href="#">MAX11102-17</a><br><a href="#">Part Numbering System</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply, Digital       | 2.2 V ~ 3.6 V                                                        |
| Voltage - Supply, Analog                                                                                                                                                                                                                                                                                                                                                                                                                                     | 2.2 V ~ 3.6 V                             | Supplier Device Package         | 10uMAX-EP                                                            |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                       | -                                         | Sampling Rate (Per Second)      | 2M                                                                   |
| Reference Type                                                                                                                                                                                                                                                                                                                                                                                                                                               | External                                  | Ratio - S/H:ADC                 | 1:1                                                                  |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Tube                                      | Package / Case                  | 10-TFSOP, 10-MSOP (0.118", 3.00mm Width) Exposed Pad                 |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                        | -40°C ~ 125°C                             | Number of Inputs                | 2                                                                    |
| 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 2 Input 1 SAR 10uMAX-EP           |
| Data Interface                                                                                                                                                                                                                                                                                                                                                                                                                                               | SPI                                       | Configuration                   | MUX-S/H-ADC                                                          |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                             | MAX11102                                  | Architecture                    | SAR                                                                  |
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| RELATED PRODUCTS                                                                   |                                                                                       |                                                 |                |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-------------------------------------------------|----------------|
|  | Part#: <a href="#">MAX11105AUT+T</a><br>Description: IC ADC 12BIT SPI/SRL 1CH SOT23-6 | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX11101EUB+</a><br>Description: IC ADC 14BIT SRL 200KSPS 10UMAX   | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">MAX11108AVB+T</a><br>Description: IC ADC 12BIT 3MSPS 3CH 10UTQFN   | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX11100EUB+</a><br>Description: IC ADC 16BIT SRL 200KSPS 10UMAX   | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">MAX11100EWC+</a><br>Description: IC ADC 16BIT SRL 200KSPS 12WLP    | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">MAX11101EWC+T</a><br>Description: IC ADC 14BIT SRL 200KSPS 12WLP   | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX11102ATB+T</a><br>Description: IC ADC 12BIT SPI/SRL 10TDFN      | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
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Related keywords for MAX11102AUB/V+

|                                   |                            |                         |                      |
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