

MAX1302AEUG+



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Part Number: [MAX1302AEUG+](#)

Manufacturer: [Maxim Integrated](#)

Description: IC ADC 16BIT SRL 115KSPS 24TSSOP

Data sheet:  [Part Numbering System](#)  
 [MAX1302](#)

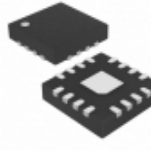
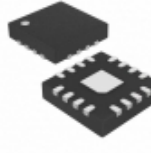
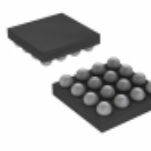
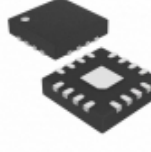
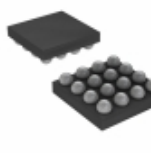
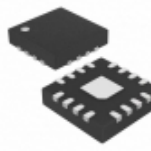
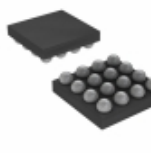
RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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

Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                           |                                 |                                                                  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|---------------------------------|------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                               | MAX1302AEUG+                              | Manufacturer                    | <a href="#">Maxim Integrated</a>                                 |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                               | IC ADC 16BIT SRL 115KSPS 24TSSOP          | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                       |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                        | 7233 pcs                                  | Data sheet                      | <a href="#">Part Numbering System</a><br><a href="#">MAX1302</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply, Digital       | 5V                                                               |
| Voltage - Supply, Analog                                                                                                                                                                                                                                                                                                                                                                                                                                  | 5V                                        | Supplier Device Package         | 24-TSSOP                                                         |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                    | -                                         | Sampling Rate (Per Second)      | 115k                                                             |
| Reference Type                                                                                                                                                                                                                                                                                                                                                                                                                                            | External, Internal                        | Ratio - S/H:ADC                 | 1:1                                                              |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Tube                                      | Package / Case                  | 24-TSSOP (0.173", 4.40mm Width)                                  |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                     | -40°C ~ 85°C                              | Number of Inputs                | 4, 8                                                             |
| Number of Bits                                                                                                                                                                                                                                                                                                                                                                                                                                            | 16                                        | 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                                                                                                                                                                                                                                                                                                                                                                                                                                                  | PGA                                       | Detailed Description            | 16 Bit Analog to Digital Converter 4, 8 Input 1 SAR 24-TSSOP     |
| Data Interface                                                                                                                                                                                                                                                                                                                                                                                                                                            | SPI                                       | Configuration                   | MUX-PGA-S/H-ADC                                                  |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                          | MAX1302                                   | Architecture                    | SAR                                                              |
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| RELATED PRODUCTS                                                                   |                                                                                         |                                                 |                |
|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|-------------------------------------------------|----------------|
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|  | Part#: <a href="#">MAX13021ASA/V+</a><br>Description: IC TXRX LIN 60V FAULT PRO 8-SOIC  | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
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