

MAX1030BCEG+



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See Product Specifications for product details.  
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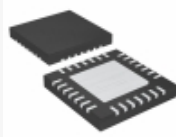
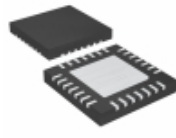
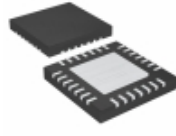
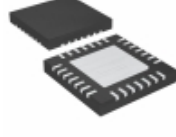


**Part Number:** [MAX1030BCEG+](#)  
**Manufacturer:** [Maxim Integrated](#)  
**Description:** IC ADC 10BIT 300KSPS 24-QSOP  
**Data sheet:**  [Part Numbering System](#)  
 [MAX1026,28,30](#)

**RoHs Status:** Lead free / RoHS Compliant  
**Ship From:** Hong Kong  
**Shipment Way:** DHL/Fedex/TNT/UPS/EMS

[Request For Quotation](#)

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                           |                                 |                                                                        |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|---------------------------------|------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                | MAX1030BCEG+                              | Manufacturer                    | <a href="#">Maxim Integrated</a>                                       |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                | IC ADC 10BIT 300KSPS 24-QSOP              | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                             |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                         | 14922 pcs                                 | Data sheet                      | <a href="#">Part Numbering System</a><br><a href="#">MAX1026,28,30</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply, Digital       | 5V                                                                     |
| Voltage - Supply, Analog                                                                                                                                                                                                                                                                                                                                                                                                                                   | 5V                                        | Supplier Device Package         | 24-QSOP                                                                |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                     | -                                         | Sampling Rate (Per Second)      | 300k                                                                   |
| Reference Type                                                                                                                                                                                                                                                                                                                                                                                                                                             | External, Internal                        | Ratio - S/H:ADC                 | 1:1                                                                    |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Tube                                      | Package / Case                  | 24-SSOP (0.154", 3.90mm Width)                                         |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                      | 0°C ~ 70°C                                | Number of Inputs                | 8, 16                                                                  |
| Number of Bits                                                                                                                                                                                                                                                                                                                                                                                                                                             | 10                                        | 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                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Temperature Sensor                        | Detailed Description            | 10 Bit Analog to Digital Converter 8, 16 Input 1 SAR 24-QSOP           |
| Data Interface                                                                                                                                                                                                                                                                                                                                                                                                                                             | SPI                                       | Configuration                   | S/H-ADC                                                                |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                           | MAX1030                                   | Architecture                    | SAR                                                                    |
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| RELATED PRODUCTS                                                                   |                                                                                   |                                                       |                     |
|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------|---------------------|
|  | Part#: <a href="#">MAX1031BEEG+</a><br>Description: IC ADC 10BIT 300KSPS 24-QSOP  | Manufacturers: <a href="#">Maxim Integrated</a>       | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX1031BCTI+</a><br>Description: IC ADC 10BIT 300KSPS 28TQFN   | Manufacturers: <a href="#">Maxim Integrated</a>       | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX1030BEEG+T</a><br>Description: IC ADC 10BIT 300KSPS 24-QSOP | Manufacturers: <a href="#">Maxim Integrated</a>       | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX1027BEEE+T</a><br>Description: IC ADC 10BIT 300KSPS 16-QSOP | Manufacturers: <a href="#">Maxim Integrated</a>       | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX1030BETI+</a><br>Description: IC ADC 10-BIT 300KSPS 28TQFN  | Manufacturers: <a href="#">Maxim Integrated</a>       | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX1031BCEG+T</a><br>Description: IC ADC 10BIT 300KSPS 24-QSOP | Manufacturers: <a href="#">Maxim Integrated</a>       | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">MAX1027BEEE+</a><br>Description: IC ADC 10BIT 300KSPS 16-QSOP  | Manufacturers: <a href="#">Maxim Integrated</a>       | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX1030BEEG+</a><br>Description: IC ADC 10BIT 300KSPS 24-QSOP  | Manufacturers: <a href="#">Maxim Integrated</a>       | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX1028BEEP+</a><br>Description: IC ADC 10BIT 300KSPS 20-QSOP  | Manufacturers: <a href="#">Maxim Integrated</a>       | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX1030BCTI+</a><br>Description: IC ADC 10BIT 300KSPS 28TQFN   | Manufacturers: <a href="#">Maxim Integrated</a>       | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX1028BEEP+T</a><br>Description: IC ADC 10BIT 300KSPS 20-QSOP | Manufacturers: <a href="#">Maxim Integrated</a>       | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX102K00B</a><br>Description: RES 102K OHM 0.1% 1/5W RADIAL   | Manufacturers: <a href="#">Vishay Precision Group</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX1031BCEG+</a><br>Description: IC ADC 10BIT 300KSPS 24-QSOP  | Manufacturers: <a href="#">Maxim Integrated</a>       | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX1029BEEP+T</a><br>Description: IC ADC 10BIT 300KSPS 20-QSOP | Manufacturers: <a href="#">Maxim Integrated</a>       | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX1028BCEP+</a><br>Description: IC ADC 10-BIT 300KSPS 20-QSOP | Manufacturers: <a href="#">Maxim Integrated</a>       | <a href="#">RFQ</a> |

Related keywords for MAX1030BCEG+

|                                 |                          |                       |                    |
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