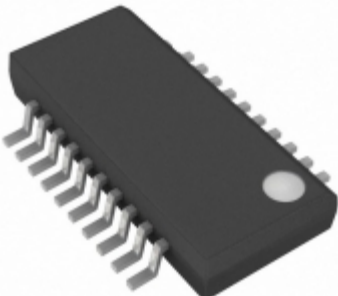


MAX1228ACEP+T





Part Number: [MAX1228ACEP+T](#)

Manufacturer: [Maxim Integrated](#)

Description: IC ADC 12BIT 300KSPS 20-QSOP

Data sheet:  [Part Numbering System](#)  
 [MAX1226,28,30](#)

RoHs Status: Lead free / RoHS Compliant

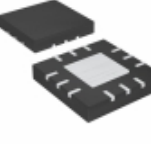
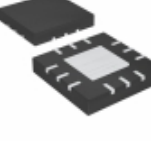
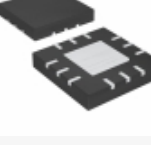
Ship From: Hong Kong

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

Images are for reference only.  
See Product Specifications for product details.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                              |                                |                                                                        |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------|--------------------------------|------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                | MAX1228ACEP+T                                                | Manufacturer                   | <a href="#">Maxim Integrated</a>                                       |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                | IC ADC 12BIT 300KSPS 20-QSOP                                 | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                             |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                         | 4385 pcs                                                     | Data sheet                     | <a href="#">Part Numbering System</a><br><a href="#">MAX1226,28,30</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <a href="#">Integrated Circuits (ICs)</a>                    | Voltage - Supply, Digital      | 5V                                                                     |
| Voltage - Supply, Analog                                                                                                                                                                                                                                                                                                                                                                                                                                   | 5V                                                           | Supplier Device Package        | 20-QSOP                                                                |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                     | -                                                            | Sampling Rate (Per Second)     | 300k                                                                   |
| Reference Type                                                                                                                                                                                                                                                                                                                                                                                                                                             | External, Internal                                           | Ratio - S/H:ADC                | 1:1                                                                    |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Tape & Reel (TR)                                             | Package / Case                 | 20-SSOP (0.154", 3.90mm Width)                                         |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                      | 0°C ~ 70°C                                                   | Number of Inputs               | 6, 12                                                                  |
| 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                       | Temperature Sensor                                                     |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                       | 12 Bit Analog to Digital Converter 6, 12 Input 1 SAR 20-QSOP | Data Interface                 | SPI                                                                    |
| Configuration                                                                                                                                                                                                                                                                                                                                                                                                                                              | MUX-S/H-ADC                                                  | Base Part Number               | MAX1228                                                                |
| Architecture                                                                                                                                                                                                                                                                                                                                                                                                                                               | SAR                                                          |                                |                                                                        |
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| RELATED PRODUCTS                                                                   |                                                                                   |                                                 |                |
|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------|----------------|
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|  | Part#: <a href="#">MAX1228AEEP+</a><br>Description: IC ADC 12BIT 300KSPS 20-QSOP  | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX1228BEEP+T</a><br>Description: IC ADC 12BIT 300KSPS 20-QSOP | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX1228BCEP+</a><br>Description: IC ADC 12-BIT 300KSPS 20-QSOP | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX1227BCEE+T</a><br>Description: IC ADC 12BIT 300KSPS 16-QSOP | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX1229ACEP+T</a><br>Description: IC ADC 12BIT 300KSPS 20-QSOP | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX1227BEEE+</a><br>Description: IC ADC 12BIT 300KSPS 16-QSOP  | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">MAX1225ETC+</a><br>Description: IC ADC 12BIT 1.5MSPS 12-TQFN   | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX1226BEEE+</a><br>Description: IC ADC 12BIT 300KSPS 16-QSOP  | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX1226BCEE+</a><br>Description: IC ADC 12-BIT 300KSPS 16-QSOP | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX1228AEEP+T</a><br>Description: IC ADC 12BIT 300KSPS 20-QSOP | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX1227BCEE+</a><br>Description: IC ADC 12-BIT 300KSPS 16-QSOP | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX1225CTC+</a><br>Description: IC ADC 12BIT 1.5MSPS 12-TQFN   | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX1228BEEP+</a><br>Description: IC ADC 12BIT 300KSPS 20-QSOP  | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX1226BCEE+T</a><br>Description: IC ADC 12BIT 300KSPS 16-QSOP | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX1225CTC+T</a><br>Description: IC ADC 12BIT 1.5MSPS 12-TQFN  | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |

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