

MAX1065AEUI+



Part Number: [MAX1065AEUI+](#)

Manufacturer: [Maxim Integrated](#)

Description: IC ADC 14BIT 165KSPS 28TSSOP

Data sheet:  [MAX1065-66](#)  
 [Part Numbering System](#)

RoHS Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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

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See Product Specifications for product details.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                           |                                |                                                                     |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|--------------------------------|---------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                               | MAX1065AEUI+                                              | Manufacturer                   | <a href="#">Maxim Integrated</a>                                    |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                               | IC ADC 14BIT 165KSPS 28TSSOP                              | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                          |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                        | 5484 pcs                                                  | Data sheet                     | <a href="#">MAX1065-66</a><br><a href="#">Part Numbering System</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <a href="#">Integrated Circuits (ICs)</a>                 | Voltage - Supply, Digital      | 2.7 V ~ 5.25 V                                                      |
| Voltage - Supply, Analog                                                                                                                                                                                                                                                                                                                                                                                                                                  | 5V                                                        | Supplier Device Package        | 28-TSSOP                                                            |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                    | -                                                         | Sampling Rate (Per Second)     | 165k                                                                |
| Reference Type                                                                                                                                                                                                                                                                                                                                                                                                                                            | External, Internal                                        | Ratio - S/H:ADC                | 1:1                                                                 |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Tube                                                      | Package / Case                 | 28-TSSOP (0.173", 4.40mm Width)                                     |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                     | -40°C ~ 85°C                                              | Number of Inputs               | 1                                                                   |
| Number of Bits                                                                                                                                                                                                                                                                                                                                                                                                                                            | 14                                                        | Number of A/D Converters       | 1                                                                   |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                          | 1 (Unlimited)                                             | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                          |
| Input Type                                                                                                                                                                                                                                                                                                                                                                                                                                                | Single Ended                                              | Features                       | -                                                                   |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                      | 14 Bit Analog to Digital Converter 1 Input 1 SAR 28-TSSOP | Data Interface                 | Parallel                                                            |
| Configuration                                                                                                                                                                                                                                                                                                                                                                                                                                             | S/H-ADC                                                   | Base Part Number               | MAX1065                                                             |
| Architecture                                                                                                                                                                                                                                                                                                                                                                                                                                              | SAR                                                       |                                |                                                                     |
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| RELATED PRODUCTS                                                                   |                                                                                      |                                                 |                |
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|  | Part#: <a href="#">MAX1065BEUI+</a><br>Description: IC ADC 14-BIT 165KSPS 28-TSSOP   | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX1067BCEE+</a><br>Description: IC ADC 14-BIT 200KSPS 16-QSOP    | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX1064ACEG+</a><br>Description: IC ADC 10BIT 400KSPS 24-QSOP     | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">MAX1063BEEG+</a><br>Description: IC ADC 10BIT 250KSPS +3V 24-QSOP | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
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