

MAX1147BEUP+T





Part Number:

MAX1147BEUP+T

Manufacturer:

Maxim Integrated

Description:

IC ADC 14BIT 116KSPS 20-TSSOP

Data sheet:

 [Part Numbering System](#)

 [MAX1146-49](#)

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                                                                                                                                                                                                                                                                                                                                                                                                                                                | MAX1147BEUP+T                                                | Manufacturer                   | <a href="#">Maxim Integrated</a>                                    |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                | IC ADC 14BIT 116KSPS 20-TSSOP                                | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                          |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                         | 4038 pcs                                                     | Data sheet                     | <a href="#">Part Numbering System</a><br><a href="#">MAX1146-49</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <a href="#">Integrated Circuits (ICs)</a>                    | Voltage - Supply, Digital      | 2.7 V ~ 3.6 V                                                       |
| Voltage - Supply, Analog                                                                                                                                                                                                                                                                                                                                                                                                                                   | 2.7 V ~ 3.6 V                                                | Supplier Device Package        | 20-TSSOP                                                            |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                     | -                                                            | Sampling Rate (Per Second)     | 116k                                                                |
| Reference Type                                                                                                                                                                                                                                                                                                                                                                                                                                             | External, Internal                                           | Ratio - S/H:ADC                | 1:1                                                                 |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Tape & Reel (TR)                                             | Package / Case                 | 20-TSSOP (0.173", 4.40mm Width)                                     |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                      | -40°C ~ 85°C                                                 | Number of Inputs               | 2, 4                                                                |
| 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                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Differential, Single Ended                                   | Features                       | -                                                                   |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                       | 14 Bit Analog to Digital Converter 2, 4 Input 1 SAR 20-TSSOP | Data Interface                 | SPI                                                                 |
| Configuration                                                                                                                                                                                                                                                                                                                                                                                                                                              | MUX-S/H-ADC                                                  | Base Part Number               | MAX1147                                                             |
| Architecture                                                                                                                                                                                                                                                                                                                                                                                                                                               | SAR                                                          |                                |                                                                     |
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| RELATED PRODUCTS                                                                   |                                                                                      |                                                 |                |
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|  | Part#: <a href="#">MAX114CAG+T</a><br>Description: IC ADC 8BIT 1MSPS 24-SSOP         | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX1146BCUP+</a><br>Description: IC ADC 14BIT 116KSPS 20-TSSOP    | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
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