

MAX1296BCEG



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Part Number:

MAX1296BCEG

Manufacturer:

Maxim Integrated

Description:

IC ADC 12-BIT 420KSPS 24-QSOP

Data sheet:

MAX1294, MAX1296

Part Numbering System

RoHs Status:

Contains lead / RoHS non-compliant

Ship From:

Hong Kong

Shipment Way:

DHL/Fedex/TNT/UPS/EMS

Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                             |                                |                                                                           |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|--------------------------------|---------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                              | MAX1296BCEG                                                 | Manufacturer                   | <a href="#">Maxim Integrated</a>                                          |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                              | IC ADC 12-BIT 420KSPS 24-QSOP                               | Lead Free Status / RoHS Status | Contains lead / RoHS non-compliant                                        |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                       | 5114 pcs                                                    | Data sheet                     | <a href="#">MAX1294, MAX1296</a><br><a href="#">Part Numbering System</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)     | 420k                                                                      |
| 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               | 1, 2                                                                      |
| Number of Bits                                                                                                                                                                                                                                                                                                                                                                                                                                           | 12                                                          | Number of A/D Converters       | 1                                                                         |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                         | 1 (Unlimited)                                               | Lead Free Status / RoHS Status | Contains lead / RoHS non-compliant                                        |
| Input Type                                                                                                                                                                                                                                                                                                                                                                                                                                               | Pseudo-Differential, Single Ended                           | Features                       | -                                                                         |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                     | 12 Bit Analog to Digital Converter 1, 2 Input 1 SAR 24-QSOP | Data Interface                 | Parallel                                                                  |
| Configuration                                                                                                                                                                                                                                                                                                                                                                                                                                            | MUX-S/H-ADC                                                 | Base Part Number               | MAX1296                                                                   |
| Architecture                                                                                                                                                                                                                                                                                                                                                                                                                                             | SAR                                                         |                                |                                                                           |
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| RELATED PRODUCTS                                                                   |                                                                                   |                                                 |                |
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|  | Part#: <a href="#">MAX1297ACEG+T</a><br>Description: IC ADC 12BIT 265KSPS 24-QSOP | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
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