

MAX1093ACEG



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**Part Number:** [MAX1093ACEG](#)  
**Manufacturer:** [Maxim Integrated](#)  
**Description:** IC ADC 10-BIT 250KSPS 24-QSOP  
**Data sheet:**  [Part Numbering System](#)  
 [MAX1091,93](#)

**RoHs Status:** Contains lead / RoHS non-compliant  
**Ship From:** Hong Kong  
**Shipment Way:** DHL/Fedex/TNT/UPS/EMS

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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                             |                                |                                                                     |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|--------------------------------|---------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                              | MAX1093ACEG                                                 | Manufacturer                   | <a href="#">Maxim Integrated</a>                                    |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                              | IC ADC 10-BIT 250KSPS 24-QSOP                               | Lead Free Status / RoHS Status | Contains lead / RoHS non-compliant                                  |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                       | 4416 pcs                                                    | Data sheet                     | <a href="#">Part Numbering System</a><br><a href="#">MAX1091,93</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <a href="#">Integrated Circuits (ICs)</a>                   | Voltage - Supply, Digital      | 1.8 V ~ 3.6 V                                                       |
| Voltage - Supply, Analog                                                                                                                                                                                                                                                                                                                                                                                                                                 | 2.7 V ~ 3.6 V                                               | Supplier Device Package        | 24-QSOP                                                             |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                   | -                                                           | Sampling Rate (Per Second)     | 250k                                                                |
| 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               | 2, 4                                                                |
| Number of Bits                                                                                                                                                                                                                                                                                                                                                                                                                                           | 10                                                          | 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                                                                                                                                                                                                                                                                                                                                                                                                                                     | 10 Bit Analog to Digital Converter 2, 4 Input 1 SAR 24-QSOP | Data Interface                 | Parallel                                                            |
| Configuration                                                                                                                                                                                                                                                                                                                                                                                                                                            | MUX-S/H-ADC                                                 | Base Part Number               | MAX1093                                                             |
| Architecture                                                                                                                                                                                                                                                                                                                                                                                                                                             | SAR                                                         |                                |                                                                     |
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|  | Part#: <a href="#">MAX1092ACEG+T</a><br>Description: IC ADC 10BIT 400KSPS 24-QSOP   | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX1093BEEG</a><br>Description: IC ADC 10-BIT 250KSPS 24-QSOP    | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
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