

MAX190ACWG+



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Part Number: [MAX190ACWG+](#)

Manufacturer: [Maxim Integrated](#)

Description: IC ADC 12-BIT SER 76KSPS 24-SOIC

Data sheet:  [Part Numbering System](#)  
 [MAX190-91](#)

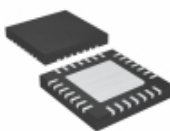
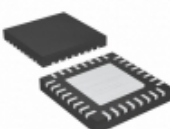
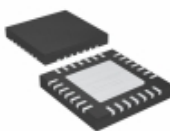
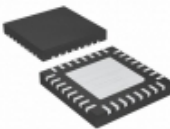
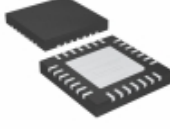
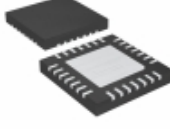
RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                          |                                |                                                                    |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|--------------------------------|--------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                              | MAX190ACWG+                                              | Manufacturer                   | <a href="#">Maxim Integrated</a>                                   |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                              | IC ADC 12-BIT SER 76KSPS 24-SOIC                         | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                         |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                       | 4330 pcs                                                 | Data sheet                     | <a href="#">Part Numbering System</a><br><a href="#">MAX190-91</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <a href="#">Integrated Circuits (ICs)</a>                | Voltage - Supply, Digital      | 5V                                                                 |
| Voltage - Supply, Analog                                                                                                                                                                                                                                                                                                                                                                                                                                 | 5V                                                       | Supplier Device Package        | 24-SOIC                                                            |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                   | -                                                        | Sampling Rate (Per Second)     | 76k                                                                |
| Reference Type                                                                                                                                                                                                                                                                                                                                                                                                                                           | Internal                                                 | Ratio - S/H:ADC                | 1:1                                                                |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                | Tube                                                     | Package / Case                 | 24-SOIC (0.295", 7.50mm Width)                                     |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                    | 0°C ~ 70°C                                               | Number of Inputs               | 1                                                                  |
| 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                                                                                                                                                                                                                                                                                                                                                                                                                                               | Pseudo-Differential                                      | Features                       | -                                                                  |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                     | 12 Bit Analog to Digital Converter 1 Input 1 SAR 24-SOIC | Data Interface                 | SPI, Parallel                                                      |
| Configuration                                                                                                                                                                                                                                                                                                                                                                                                                                            | S/H-ADC                                                  | Base Part Number               | MAX190                                                             |
| Architecture                                                                                                                                                                                                                                                                                                                                                                                                                                             | SAR                                                      |                                |                                                                    |
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|  | Part#: <a href="#">MAX1904ETJ+</a><br>Description: IC CNTRLR PWR SPLY 32-TQFN        | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
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