

MAX191BENG+



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Part Number: [MAX191BENG+](#)

Manufacturer: [Maxim Integrated](#)

Description: IC ADC 12BIT 100KSPS 24-DIP

Data sheet:  [Part Numbering System](#)  
 [MAX191](#)

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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

Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                           |                                 |                                                                 |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|---------------------------------|-----------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                              | MAX191BENG+                               | Manufacturer                    | <a href="#">Maxim Integrated</a>                                |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                              | IC ADC 12BIT 100KSPS 24-DIP               | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                      |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                       | 3246 pcs                                  | Data sheet                      | <a href="#">Part Numbering System</a><br><a href="#">MAX191</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply, Digital       | 5V                                                              |
| Voltage - Supply, Analog                                                                                                                                                                                                                                                                                                                                                                                                                                 | ±5V, 5V                                   | Supplier Device Package         | 24-PDIP                                                         |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                   | -                                         | Sampling Rate (Per Second)      | 100k                                                            |
| Reference Type                                                                                                                                                                                                                                                                                                                                                                                                                                           | Internal                                  | Ratio - S/H:ADC                 | 1:1                                                             |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                | Tube                                      | Package / Case                  | 24-DIP (0.300", 7.62mm)                                         |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                    | -40°C ~ 85°C                              | Number of Inputs                | 1                                                               |
| Number of Bits                                                                                                                                                                                                                                                                                                                                                                                                                                           | 12                                        | Number of A/D Converters        | 1                                                               |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                         | 1 (Unlimited)                             | Manufacturer Standard Lead Time | 9 Weeks                                                         |
| 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-PDIP        |
| Data Interface                                                                                                                                                                                                                                                                                                                                                                                                                                           | SPI, Parallel                             | Configuration                   | S/H-ADC                                                         |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                         | MAX191                                    | Architecture                    | SAR                                                             |
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| RELATED PRODUCTS                                                                   |                                                                                            |                                                 |                |
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|  | Part#: <a href="#">MAX191BC/D</a><br>Description: IC ADC 12BIT LP SAMPLING                 | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX1921EUT18+T</a><br>Description: IC REG BUCK 1.8V 0.4A SYNC SOT23     | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX1921EUT25+T</a><br>Description: IC REG BUCK 2.5V 0.4A SYNC SOT23     | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX191BCNG+</a><br>Description: IC ADC 12BIT 100KSPS W/REF 24DIP        | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX191ACWG+T</a><br>Description: IC ADC 12BIT 100KSPS 24-SOIC           | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX191BCWG+</a><br>Description: IC ADC 12BIT 100KSPS W/REF24SOIC        | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">MAX191AEWG+</a><br>Description: LOW-POWER, 12-BIT SAMPLING ADC W        | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">MAX1920ETT+T</a><br>Description: IC REG BUCK ADJ 0.4A SYNC 6TDFN        | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">MAX1921EUT30+T</a><br>Description: IC REG BUCK 3V 0.4A SYNC SOT23-6     | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX191BCWG+T</a><br>Description: IC ADC 12BIT 100KSPS 24-SOIC           | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
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