

MAX166DCPP



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**Part Number:** [MAX166DCPP](#)

**Manufacturer:** [Maxim Integrated](#)

**Description:** IC ADC 8-BIT T/H&REF CMOS 20-DIP

**Data sheet:**  [Part Numbering System](#)  
 [MAX165,166](#)

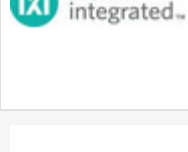
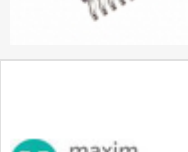
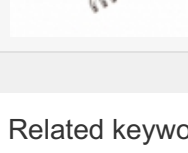
**RoHs Status:** Contains lead / RoHS non-compliant

**Ship From:** Hong Kong

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

[Request For Quotation](#)

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                         |                                |                                                                     |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|--------------------------------|---------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                             | MAX166DCPP                                              | Manufacturer                   | <a href="#">Maxim Integrated</a>                                    |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                             | IC ADC 8-BIT T/H&REF CMOS 20-DIP                        | Lead Free Status / RoHS Status | Contains lead / RoHS non-compliant                                  |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                      | 5696 pcs                                                | Data sheet                     | <a href="#">Part Numbering System</a><br><a href="#">MAX165,166</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                | <a href="#">Integrated Circuits (ICs)</a>               | Voltage - Supply, Digital      | 5V                                                                  |
| Voltage - Supply, Analog                                                                                                                                                                                                                                                                                                                                                                                                                                | 5V                                                      | Supplier Device Package        | 20-PDIP                                                             |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                  | -                                                       | Sampling Rate (Per Second)     | 200k                                                                |
| Reference Type                                                                                                                                                                                                                                                                                                                                                                                                                                          | External, Internal                                      | Ratio - S/H:ADC                | 1:1                                                                 |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                               | Tube                                                    | Package / Case                 | 20-DIP (0.300", 7.62mm)                                             |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                   | 0°C ~ 70°C                                              | Number of Inputs               | 1                                                                   |
| Number of Bits                                                                                                                                                                                                                                                                                                                                                                                                                                          | 8                                                       | Number of A/D Converters       | 1                                                                   |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                        | 1 (Unlimited)                                           | Lead Free Status / RoHS Status | Contains lead / RoHS non-compliant                                  |
| Input Type                                                                                                                                                                                                                                                                                                                                                                                                                                              | Differential                                            | Features                       | -                                                                   |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                    | 8 Bit Analog to Digital Converter 1 Input 1 SAR 20-PDIP | Data Interface                 | Parallel                                                            |
| Configuration                                                                                                                                                                                                                                                                                                                                                                                                                                           | S/H-ADC                                                 | Base Part Number               | MAX166                                                              |
| Architecture                                                                                                                                                                                                                                                                                                                                                                                                                                            | SAR                                                     |                                |                                                                     |
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| RELATED PRODUCTS                                                                   |                                                                                     |                                                 |                     |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------|---------------------|
|  | Part#: <a href="#">MAX166BCWP+</a><br>Description: IC ADC 8BIT MPU COMP 20-SOIC     | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX166CCWP</a><br>Description: IC ADC 8-BIT T/H&REF CMOS 20SOIC  | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX1673ESA+T</a><br>Description: IC REG SWTCHD CAP INV ADJ 8SOIC | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX166BEPP</a><br>Description: IC ADC 8-BIT T/H&REF CMOS 20-DIP  | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX166BEWP</a><br>Description: IC ADC 8-BIT T/H&REF CMOS 20SOIC  | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX1672EEE</a><br>Description: IC REG BUCK BST ADJ/PROG 16QSOP   | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX166CEWP</a><br>Description: IC ADC 8-BIT T/H&REF CMOS 20SOIC  | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">MAX166DEPP</a><br>Description: IC ADC 8-BIT T/H&REF CMOS 20-DIP  | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX1672EEE+</a><br>Description: IC REG BUCK BST ADJ/PROG 16QSOP  | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX166BEWP+</a><br>Description: IC ADC 8BIT MPU COMP 20-SOIC     | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX1672EEE-T</a><br>Description: IC REG BUCK BST ADJ/PROG 16QSOP | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |

Related keywords for MAX166DCPP

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