

MX7545KCWP+



**Part Number:** [MX7545KCWP+](#)

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

**Description:** IC DAC 12BIT MULT 20-SOIC

**Data sheet:**  [MX7545](#)

**RoHS Status:** Lead free / RoHS Compliant

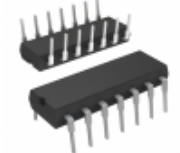
**Ship From:** Hong Kong

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

Images are for reference only.  
See Product Specifications for product details.  
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                              |                                |                                  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------|--------------------------------|----------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                               | MX7545KCWP+                                  | Manufacturer                   | <a href="#">Maxim Integrated</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                               | IC DAC 12BIT MULT 20-SOIC                    | Lead Free Status / RoHS Status | Lead free / RoHS Compliant       |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                        | 14599 pcs                                    | Data sheet                     | <a href="#">MX7545</a>           |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <a href="#">Integrated Circuits (ICs)</a>    | Voltage - Supply, Digital      | 5 V ~ 15 V                       |
| Voltage - Supply, Analog                                                                                                                                                                                                                                                                                                                                                                                                                                  | 5 V ~ 15 V                                   | Supplier Device Package        | 20-SOIC                          |
| Settling Time                                                                                                                                                                                                                                                                                                                                                                                                                                             | 2µs                                          | Series                         | -                                |
| Reference Type                                                                                                                                                                                                                                                                                                                                                                                                                                            | External                                     | Packaging                      | Tube                             |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                            | 20-SOIC (0.295", 7.50mm Width)               | Output Type                    | Current - Unbuffered             |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                     | 0°C ~ 70°C                                   | Number of D/A Converters       | 1                                |
| Number of Bits                                                                                                                                                                                                                                                                                                                                                                                                                                            | 12                                           | Mounting Type                  | Surface Mount                    |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                          | 1 (Unlimited)                                | Lead Free Status / RoHS Status | Lead free / RoHS Compliant       |
| INL/DNL (LSB)                                                                                                                                                                                                                                                                                                                                                                                                                                             | ±1 (Max), ±1 (Max)                           | Differential Output            | No                               |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                      | 12 Bit Digital to Analog Converter 1 20-SOIC | Data Interface                 | Parallel                         |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                          | MX7545                                       | Architecture                   | R-2R                             |
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| RELATED PRODUCTS                                                                   |                                                                                  |                                                 |                     |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|-------------------------------------------------|---------------------|
|  | Part#: <a href="#">MX7545KEWP+</a><br>Description: IC DAC 12BIT MULT 20-SOIC     | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MX7547JEWG+</a><br>Description: IC DAC 12BIT DL MULT 24-SOIC  | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MX7545AKEWP+T</a><br>Description: IC DAC 12BIT MULT 20-SOIC   | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MX7545KCWP+T</a><br>Description: IC DAC 12BIT MULT 20-SOIC    | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MX7545JN+</a><br>Description: IC DAC 12BIT MULT 20-DIP        | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MX7545ALN+</a><br>Description: IC DAC 12BIT MULT 20-DIP       | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MX7545UQ/883B</a><br>Description: IC DAC 12BIT COTS           | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">MX7547JCWG+</a><br>Description: IC DAC 12BIT DL MULT 24-SOIC  | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">MX7545LN+</a><br>Description: IC DAC 12BIT MULT 20-DIP        | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MX7545AKP+</a><br>Description: IC DAC 12BIT MULT 20-PLCC      | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">MX7547JCWG+T</a><br>Description: IC DAC 12BIT DL MULT 24-SOIC | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MX7545ALCWP+</a><br>Description: IC DAC 12BIT MULT 20-SOIC    | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">MX7545JCWP+T</a><br>Description: IC DAC 12BIT MULT 20-SOIC    | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MX7545KP+</a><br>Description: IC DAC 12BIT MULT 20-PLCC       | Manufacturers: <a href="#">Maxim Integrated</a> | <a href="#">RFQ</a> |

Related keywords for **MX7545KCWP+**

|                                |                         |                      |                   |
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