

MAX5253AEAP+T



Part Number: [MAX5253AEAP+T](#)

Manufacturer: [Maxim Integrated](#)

Description: IC DAC 12BIT QUAD 3V 20-SSOP

Data sheet:  [MAX5253](#)  
 [Part Numbering System](#)

RoHs Status: Lead free / RoHS Compliant

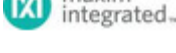
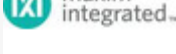
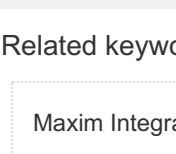
Ship From: Hong Kong

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

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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                              |                                |                                                                  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------|--------------------------------|------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                | MAX5253AEAP+T                                | Manufacturer                   | <a href="#">Maxim Integrated</a>                                 |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                | IC DAC 12BIT QUAD 3V 20-SSOP                 | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                       |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                         | 5163 pcs                                     | Data sheet                     | <a href="#">MAX5253</a><br><a href="#">Part Numbering System</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <a href="#">Integrated Circuits (ICs)</a>    | Voltage - Supply, Digital      | 3 V ~ 3.6 V                                                      |
| Voltage - Supply, Analog                                                                                                                                                                                                                                                                                                                                                                                                                                   | 3 V ~ 3.6 V                                  | Supplier Device Package        | 20-SSOP                                                          |
| Settling Time                                                                                                                                                                                                                                                                                                                                                                                                                                              | 16µs (Typ)                                   | Series                         | -                                                                |
| Reference Type                                                                                                                                                                                                                                                                                                                                                                                                                                             | External                                     | Packaging                      | Tape & Reel (TR)                                                 |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                             | 20-SSOP (0.209", 5.30mm Width)               | Output Type                    | Voltage - Buffered                                               |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                      | -40°C ~ 85°C                                 | Number of D/A Converters       | 4                                                                |
| 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)                                                                                                                                                                                                                                                                                                                                                                                                                                              | ±0.25, ±1 (Max)                              | Differential Output            | No                                                               |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                       | 12 Bit Digital to Analog Converter 4 20-SSOP | Data Interface                 | SPI                                                              |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                           | MAX5253                                      | Architecture                   | R-2R                                                             |
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| RELATED PRODUCTS                                                                   |                                                                                      |                                                 |                |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|-------------------------------------------------|----------------|
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|  | Part#: <a href="#">MAX5251BEPP</a><br>Description: IC DAC QUAD +3V 10BIT 20-DIP      | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
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| Related keywords for MAX5253AEAP+T |                           |                        |                     |
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