

MCP47FEB22A3T-E/ST



Part Number: MCP47FEB22A3T-E/ST

Manufacturer: Micrel / Microchip Technology

Description: IC DAC 12BIT

Data sheet:  MCP47FEBxx

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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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                           |                                |                                 |                                              |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|---------------------------------|----------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                 | MCP47FEB22A3T-E/ST             | Manufacturer                    | Micrel / Microchip Technology                |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                 | IC DAC 12BIT                   | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                   |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                          | 50392 pcs                      | Data sheet                      | MCP47FEBxx                                   |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                    | Integrated Circuits (ICs)      | Voltage - Supply, Digital       | 2.7 V ~ 5.5 V                                |
| Voltage - Supply, Analog                                                                                                                                                                                                                                                                                                                                                                                                                    | 2.7 V ~ 5.5 V                  | Supplier Device Package         | 8-TSSOP                                      |
| Settling Time                                                                                                                                                                                                                                                                                                                                                                                                                               | 6µs (Typ)                      | Series                          | -                                            |
| Reference Type                                                                                                                                                                                                                                                                                                                                                                                                                              | External, Internal, Supply     | Packaging                       | Tape & Reel (TR)                             |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                              | 8-TSSOP (0.173", 4.40mm Width) | Output Type                     | Voltage - Buffered                           |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                       | -40°C ~ 125°C                  | Number of D/A Converters        | 2                                            |
| Number of Bits                                                                                                                                                                                                                                                                                                                                                                                                                              | 12                             | Mounting Type                   | Surface Mount                                |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                            | 1 (Unlimited)                  | Manufacturer Standard Lead Time | 16 Weeks                                     |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                              | Lead free / RoHS Compliant     | INL/DNL (LSB)                   | ±1.5, ±0.2                                   |
| Differential Output                                                                                                                                                                                                                                                                                                                                                                                                                         | No                             | Detailed Description            | 12 Bit Digital to Analog Converter 2 8-TSSOP |
| Data Interface                                                                                                                                                                                                                                                                                                                                                                                                                              | I <sup>2</sup> C               | Base Part Number                | MCP47FEB22                                   |
| Architecture                                                                                                                                                                                                                                                                                                                                                                                                                                | R-2R                           |                                 |                                              |
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|  | Part#: MCP47FVB01A2-E/ST<br>Description: IC DAC 8BIT   | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP47FEB22A0T-E/ST<br>Description: IC DAC 12BIT | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP47FVB01A0T-E/ST<br>Description: IC DAC 8BIT  | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP47FEB21A2T-E/ST<br>Description: IC DAC 12BIT | Manufacturers: Micrel / Microchip Technology | RFQ |
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Related keywords for MCP47FEB22A3T-E/ST

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