

MICROCHIP

Micrel / Microchip Technology



MCP47FVB21A2-E/ST

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MCP47FVB21A2-E/ST                                                                                            |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC DAC 12BIT                                                                                                 |
| Datasheets:         |  MCP47FVB21A2-E/ST.pdf      |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 93256 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

Specifications of MCP47FVB21A2-E/ST

|                                  |                                                                                                           |
|----------------------------------|-----------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MCP47FVB21A2-E/ST                                                                                         |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                             |
| DESCRIPTION                      | IC DAC 12BIT                                                                                              |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                |
| QUANTITY AVAILABLE               | 93256 pcs                                                                                                 |
| DATA SHEET                       |  MCP47FVB21A2-E/ST.pdf |
| 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                        | Tube                                                                                                      |
| PACKAGE / CASE                   | 8-TSSOP (0.173", 4.40mm Width)                                                                            |
| OUTPUT TYPE                      | Voltage - Buffered                                                                                        |
| OPERATING TEMPERATURE            | -40°C ~ 125°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)                    | ±1.5, ±0.2                                                                                                |
| DIFFERENTIAL OUTPUT              | No                                                                                                        |
| DETAILED DESCRIPTION             | 12 Bit Digital to Analog Converter 1 8-TSSOP                                                              |
| DATA INTERFACE                   | I²C                                                                                                       |
| BASE PART NUMBER                 | MCP47FVB21                                                                                                |
| ARCHITECTURE                     | R-2R                                                                                                      |

Related Tags

|                                                 |                                        |                                                          |
|-------------------------------------------------|----------------------------------------|----------------------------------------------------------|
| Micrel / Microchip Technology MCP47FVB21A2-E/ST | MCP47FVB21A2-E/ST Distributor          | MCP47FVB21A2-E/ST Supplier                               |
| MCP47FVB21A2-E/ST Price                         | MCP47FVB21A2-E/ST Pictures             | MCP47FVB21A2-E/ST Image                                  |
| MCP47FVB21A2-E/ST PDF Datasheet                 | MCP47FVB21A2-E/ST Download Datasheet   | MCP47FVB21A2-E/ST Datasheet                              |
| MCP47FVB21A2-E/ST Stock                         | Buy MCP47FVB21A2-E/ST                  | Buy Micrel / Microchip Technology MCP47FVB21A2-E/ST      |
| Micrel / Microchip Technology MCP47FVB21A2-E/ST | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor                |
| Micrel / Microchip Technology MCP47FVB21A2-E/ST | Microchip Technology MCP47FVB21A2-E/ST | Roving Networks / Microchip Technology MCP47FVB21A2-E/ST |

Related Products

|                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div>MICROCHIP</div> <div><b>MCP47FVB21A2T-E/ST</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC DAC 12BIT<br/>In stock: 91305 pcs</div> <div>RFQ</div> | <div>MICROCHIP</div> <div><b>MCP47FVB22A0-E/ST</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC DAC 12BIT<br/>In stock: 60521 pcs</div> <div>RFQ</div>   |
| <div>MICROCHIP</div> <div><b>MCP47FVB12A3-E/ST</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC DAC 10BIT<br/>In stock: 90547 pcs</div> <div>RFQ</div>  | <div>MICROCHIP</div> <div><b>MCP47FVB21A1-E/ST</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC DAC 12BIT<br/>In stock: 84559 pcs</div> <div>RFQ</div>   |
| <div>MICROCHIP</div> <div><b>MCP47FVB12A3T-E/ST</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC DAC 10BIT<br/>In stock: 82780 pcs</div> <div>RFQ</div> | <div>MICROCHIP</div> <div><b>MCP47FVB21A1T-E/ST</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC DAC 12BIT<br/>In stock: 96029 pcs</div> <div>RFQ</div>  |
| <div>MICROCHIP</div> <div><b>MCP47FVB22A0T-E/ST</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC DAC 12BIT<br/>In stock: 57444 pcs</div> <div>RFQ</div> | <div>MICROCHIP</div> <div><b>MCP47FVB21A0T-E/ST</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC DAC 12BIT<br/>In stock: 100518 pcs</div> <div>RFQ</div> |
| <div>MICROCHIP</div> <div><b>MCP47FVB21A0-E/ST</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC DAC 12BIT<br/>In stock: 101520 pcs</div> <div>RFQ</div> | <div>MICROCHIP</div> <div><b>MCP47FVB21A3T-E/ST</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC DAC 12BIT<br/>In stock: 97215 pcs</div> <div>RFQ</div>  |
| <div>MICROCHIP</div> <div><b>MCP47FVB21A3-E/ST</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC DAC 12BIT<br/>In stock: 105650 pcs</div> <div>RFQ</div> | <div>MICROCHIP</div> <div><b>MCP47FVB22A1-E/ST</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC DAC 12BIT<br/>In stock: 46001 pcs</div> <div>RFQ</div>   |