



Micrel / Microchip Technology



Image may be representation. See specifications for product details.

MCP4821-E/P

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MCP4821-E/P                                                                                                  |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC DAC 12BIT W/SPI 8DIP                                                                                      |
|                     |  1.MCP4821-E/P.pdf          |
|                     |  2.MCP4821-E/P.pdf          |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

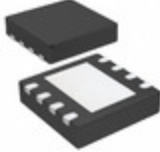
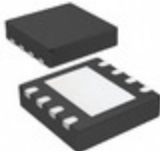
Specifications of MCP4821-E/P

|                                  |                                                                                                                                                                                                                |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MCP4821-E/P                                                                                                                                                                                                    |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                  |
| DESCRIPTION                      | IC DAC 12BIT W/SPI 8DIP                                                                                                                                                                                        |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                     |
| DATA SHEET                       |  1.MCP4821-E/P.pdf<br> 2.MCP4821-E/P.pdf |
| VOLTAGE - SUPPLY, DIGITAL        | 2.7 V ~ 5.5 V                                                                                                                                                                                                  |
| VOLTAGE - SUPPLY, ANALOG         | 2.7 V ~ 5.5 V                                                                                                                                                                                                  |
| SUPPLIER DEVICE PACKAGE          | 8-PDIP                                                                                                                                                                                                         |
| SETTLING TIME                    | 4.5μs (Typ)                                                                                                                                                                                                    |
| SERIES                           | -                                                                                                                                                                                                              |
| REFERENCE TYPE                   | Internal                                                                                                                                                                                                       |
| PACKAGING                        | Tube                                                                                                                                                                                                           |
| PACKAGE / CASE                   | 8-DIP (0.300", 7.62mm)                                                                                                                                                                                         |
| OUTPUT TYPE                      | Voltage - Buffered                                                                                                                                                                                             |
| OTHER NAMES                      | MCP4821EP                                                                                                                                                                                                      |
| OPERATING TEMPERATURE            | -40°C ~ 125°C                                                                                                                                                                                                  |
| NUMBER OF D/A CONVERTERS         | 1                                                                                                                                                                                                              |
| NUMBER OF BITS                   | 12                                                                                                                                                                                                             |
| MOUNTING TYPE                    | Through Hole                                                                                                                                                                                                   |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                                                                                                                                  |
| MANUFACTURER STANDARD LEAD TIME  | 10 Weeks                                                                                                                                                                                                       |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                     |
| INL/DNL (LSB)                    | ±4, ±0.25                                                                                                                                                                                                      |
| DIFFERENTIAL OUTPUT              | No                                                                                                                                                                                                             |
| DETAILED DESCRIPTION             | 12 Bit Digital to Analog Converter 1 8-PDIP                                                                                                                                                                    |
| DATA INTERFACE                   | SPI                                                                                                                                                                                                            |
| BASE PART NUMBER                 | MCP4821                                                                                                                                                                                                        |
| ARCHITECTURE                     | String DAC                                                                                                                                                                                                     |

Related Tags

|                                           |                                        |                                                    |
|-------------------------------------------|----------------------------------------|----------------------------------------------------|
| Micrel / Microchip Technology MCP4821-E/P | MCP4821-E/P Distributor                | MCP4821-E/P Supplier                               |
| MCP4821-E/P Price                         | MCP4821-E/P Pictures                   | MCP4821-E/P Image                                  |
| MCP4821-E/P PDF Datasheet                 | MCP4821-E/P Download Datasheet         | MCP4821-E/P Datasheet                              |
| MCP4821-E/P Stock                         | Buy MCP4821-E/P                        | Buy Micrel / Microchip Technology MCP4821-E/P      |
| Micrel / Microchip Technology MCP4821-E/P | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor          |
| Micrel / Microchip Technology MCP4821-E/P | Microchip Technology MCP4821-E/P       | Roving Networks / Microchip Technology MCP4821-E/P |

Related Products

|                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                  |
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|  <div><b>MCP4812-E/SN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: DAC 10BIT DUAL SPI/VREF 8SOIC<br/>In stock: 303 pcs<br/><div>RFQ</div></div>    |  <div><b>MCP4821-E/MS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC DAC 12BIT W/SPI 8MSOP<br/>In stock: 520 pcs<br/><div>RFQ</div></div>           |
|  <div><b>MCP4821T-E/MS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC DAC 12BIT W/SPI 8MSOP<br/>In stock: Out stock<br/><div>RFQ</div></div>      |  <div><b>MCP4821-E/MC</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC DAC 12BIT W/SPI 8DFN<br/>In stock: 240 pcs<br/><div>RFQ</div></div>            |
|  <div><b>MCP4821-E/SN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC DAC 12BIT W/SPI 8SOIC<br/>In stock: Out stock<br/><div>RFQ</div></div>       |  <div><b>MCP4821T-E/MC</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC DAC 12BIT W/SPI 8DFN<br/>In stock: Out stock<br/><div>RFQ</div></div>         |
|  <div><b>MCP4812T-E/MS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: DAC 10BIT DUAL SPI/VREF 8MSOP<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>MCP4812-E/MS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC DAC 12BIT DUAL SPI/VREF 8MSOP<br/>In stock: Out stock<br/><div>RFQ</div></div> |
|  <div><b>MCP4812-E/P</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: DAC 10BIT DUAL SPI/VREF 8DIP<br/>In stock: 173 pcs<br/><div>RFQ</div></div>      |  <div><b>MCP4821-E/SNVAO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC DAC 12BIT W/SPI 8SOIC<br/>In stock: Out stock<br/><div>RFQ</div></div>      |
|  <div><b>MCP4821T-E/SNVAO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC DAC 12BIT W/SPI 8SOIC<br/>In stock: Out stock<br/><div>RFQ</div></div>   |  <div><b>MCP4821T-E/SN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC DAC 12BIT W/SPI 8SOIC<br/>In stock: Out stock<br/><div>RFQ</div></div>        |