

MICROCHIP

Micrel / Microchip Technology



### MCP1703A-5002E/DBVAO

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MCP1703A-5002E/DBVAO                                                                                         |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC REG LINEAR 5V 250MA SOT223-3                                                                              |
| Datasheets:         |  MCP1703A-5002E/DBVAO.pdf   |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

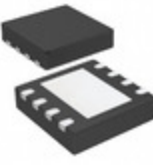
#### Specifications of MCP1703A-5002E/DBVAO

|                                  |                                                                                                              |
|----------------------------------|--------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MCP1703A-5002E/DBVAO                                                                                         |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                |
| DESCRIPTION                      | IC REG LINEAR 5V 250MA SOT223-3                                                                              |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                   |
| DATA SHEET                       |  MCP1703A-5002E/DBVAO.pdf |
| VOLTAGE DROPOUT (MAX)            | 0.65V @ 250mA                                                                                                |
| VOLTAGE - OUTPUT (MIN/FIXED)     | 5V                                                                                                           |
| VOLTAGE - OUTPUT (MAX)           | -                                                                                                            |
| VOLTAGE - INPUT (MAX)            | 16V                                                                                                          |
| SUPPLIER DEVICE PACKAGE          | SOT-223-3                                                                                                    |
| SERIES                           | Automotive, AEC-Q100                                                                                         |
| PROTECTION FEATURES              | Over Current, Over Temperature, Short Circuit                                                                |
| PACKAGING                        | Tube                                                                                                         |
| PACKAGE / CASE                   | TO-261-4, TO-261AA                                                                                           |
| PSRR                             | 35dB (100Hz)                                                                                                 |
| OUTPUT TYPE                      | Fixed                                                                                                        |
| OUTPUT CONFIGURATION             | Positive                                                                                                     |
| OPERATING TEMPERATURE            | -40°C ~ 125°C                                                                                                |
| NUMBER OF REGULATORS             | 1                                                                                                            |
| MOUNTING TYPE                    | Surface Mount                                                                                                |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                                |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                   |
| DETAILED DESCRIPTION             | Linear Voltage Regulator IC 1 Output 250mA SOT-223-3                                                         |
| CURRENT - QUIESCENT (IQ)         | 5µA                                                                                                          |
| CURRENT - OUTPUT                 | 250mA                                                                                                        |
| CONTROL FEATURES                 | -                                                                                                            |

#### Related Tags

|                                                    |                                           |                                                             |
|----------------------------------------------------|-------------------------------------------|-------------------------------------------------------------|
| Micrel / Microchip Technology MCP1703A-5002E/DBVAO | MCP1703A-5002E/DBVAO Distributor          | MCP1703A-5002E/DBVAO Supplier                               |
| MCP1703A-5002E/DBVAO Price                         | MCP1703A-5002E/DBVAO Pictures             | MCP1703A-5002E/DBVAO Image                                  |
| MCP1703A-5002E/DBVAO PDF Datasheet                 | MCP1703A-5002E/DBVAO Download Datasheet   | MCP1703A-5002E/DBVAO Datasheet                              |
| MCP1703A-5002E/DBVAO Stock                         | Buy MCP1703A-5002E/DBVAO                  | Buy Micrel / Microchip Technology MCP1703A-5002E/DBVAO      |
| Micrel / Microchip Technology MCP1703A-5002E/DBVAO | Micrel / Microchip Technology Supplier    | Micrel / Microchip Technology Distributor                   |
| Micrel / Microchip Technology MCP1703A-5002E/DBVAO | Microchip Technology MCP1703A-5002E/DBVAO | Roving Networks / Microchip Technology MCP1703A-5002E/DBVAO |

#### Related Products

|                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                           |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>MCP1703A-2502E/DB</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LIN 2.5V 250MA SOT223-3<br/>In stock: Out stock<br/>RFQ</div>    |  <div><b>MCP1703AT-1202E/MC</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 1.2V 200MA 8DFN<br/>In stock: Out stock<br/>RFQ</div>  |
|  <div><b>MCP1703A-3002E/DB</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 3V 250MA SOT223-3<br/>In stock: 777 pcs<br/>RFQ</div>     |  <div><b>MCP1703AT-1202E/CB</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LIN 1.2V 200MA SOT23A-3<br/>In stock: Out stock<br/>RFQ</div> |
|  <div><b>MCP1703AT-1502E/DB</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LIN 1.5V 200MA SOT223-3<br/>In stock: Out stock<br/>RFQ</div>   |  <div><b>MCP1703AT-1502E/CB</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LIN 1.5V 200MA SOT23A-3<br/>In stock: Out stock<br/>RFQ</div> |
|  <div><b>MCP1703A-3302E/DB</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LIN 3.3V 250MA SOT223-3<br/>In stock: Out stock<br/>RFQ</div>    |  <div><b>MCP1703A-5002E/DB</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 5V 250MA SOT223-3<br/>In stock: Out stock<br/>RFQ</div> |
|  <div><b>MCP1703A-2802E/DB</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LIN 2.8V 250MA SOT223-3<br/>In stock: Out stock<br/>RFQ</div>    |  <div><b>MCP1703AT-1202E/DB</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LIN 1.2V 200MA SOT223-3<br/>In stock: Out stock<br/>RFQ</div> |
|  <div><b>MCP1703AT-1202E/MB</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 1.2V 200MA SOT89-3<br/>In stock: Out stock<br/>RFQ</div> |  <div><b>MCP1703A-4002E/DB</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 4V 250MA SOT223-3<br/>In stock: Out stock<br/>RFQ</div> |