

MICROCHIP

Micrel / Microchip Technology



Image may be representation. See specifications for product details.

### MCP1703AT-5002E/DBVAO

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MCP1703AT-5002E/DBVAO                                                                                        |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC REG LINEAR 5V 250MA SOT223-3                                                                              |
| Datasheets:         |  MCP1703AT-5002E/DBVAO.pdf  |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 6023 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

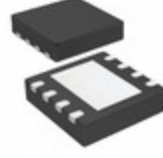
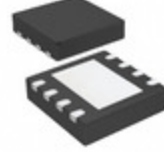
#### Specifications of MCP1703AT-5002E/DBVAO

|                                  |                                                                                                               |
|----------------------------------|---------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MCP1703AT-5002E/DBVAO                                                                                         |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                 |
| DESCRIPTION                      | IC REG LINEAR 5V 250MA SOT223-3                                                                               |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                    |
| QUANTITY AVAILABLE               | 6023 pcs                                                                                                      |
| DATA SHEET                       |  MCP1703AT-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                        | Tape & Reel (TR)                                                                                              |
| 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 MCP1703AT-5002E/DBVAO | MCP1703AT-5002E/DBVAO Distributor          | MCP1703AT-5002E/DBVAO Supplier                               |
| MCP1703AT-5002E/DBVAO Price                         | MCP1703AT-5002E/DBVAO Pictures             | MCP1703AT-5002E/DBVAO Image                                  |
| MCP1703AT-5002E/DBVAO PDF Datasheet                 | MCP1703AT-5002E/DBVAO Download Datasheet   | MCP1703AT-5002E/DBVAO Datasheet                              |
| MCP1703AT-5002E/DBVAO Stock                         | Buy MCP1703AT-5002E/DBVAO                  | Buy Micrel / Microchip Technology MCP1703AT-5002E/DBVAO      |
| Micrel / Microchip Technology MCP1703AT-5002E/DBVAO | Micrel / Microchip Technology Supplier     | Micrel / Microchip Technology Distributor                    |
| Micrel / Microchip Technology MCP1703AT-5002E/DBVAO | Microchip Technology MCP1703AT-5002E/DBVAO | Roving Networks / Microchip Technology MCP1703AT-5002E/DBVAO |

#### Related Products

|                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                             |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>MCP1703AT-5002E/MB</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 5V 250MA SOT89-3<br/>In stock: 206455 pcs<br/>RFQ</div>  |  <div><b>MCP1703RT-5002E/MB</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 5V 250MA SOT89-3<br/>In stock: 247785 pcs<br/>RFQ</div>  |
|  <div><b>MCP1703T-1202E/CB</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LIN 1.2V 200MA SOT23A-3<br/>In stock: 236251 pcs<br/>RFQ</div>   |  <div><b>MCP1703T-1202E/DB</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LIN 1.2V 200MA SOT223-3<br/>In stock: 207808 pcs<br/>RFQ</div>   |
|  <div><b>MCP1703AT-5002E/DB</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 5V 250MA SOT223-3<br/>In stock: 141006 pcs<br/>RFQ</div> |  <div><b>MCP1703AT-4002E/MC</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 4V 250MA 8DFN<br/>In stock: 209911 pcs<br/>RFQ</div>     |
|  <div><b>MCP1703AT-4002E/DB</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 4V 250MA SOT223-3<br/>In stock: 200430 pcs<br/>RFQ</div> |  <div><b>MCP1703AT-5002E/CB</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 5V 250MA SOT23A-3<br/>In stock: 240561 pcs<br/>RFQ</div> |
|  <div><b>MCP1703T-1202E/MB</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 1.2V 200MA SOT89-3<br/>In stock: 231070 pcs<br/>RFQ</div> |  <div><b>MCP1703AT-4002E/MB</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 4V 250MA SOT89-3<br/>In stock: 223798 pcs<br/>RFQ</div>  |
|  <div><b>MCP1703AT-5002E/MC</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 5V 250MA 8DFN<br/>In stock: 172419 pcs<br/>RFQ</div>     |  <div><b>MCP1703AT-4002E/CB</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 4V 250MA SOT23A-3<br/>In stock: 193109 pcs<br/>RFQ</div> |