

MCP1703-5002E/DB



Part Number: MCP1703-5002E/DB

Manufacturer: Micrel / Microchip Technology

Description: IC REG LINEAR 5V 250MA SOT223-3

Data sheet:  Development Tools Catalog  
 MCP1703

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

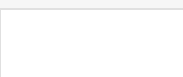
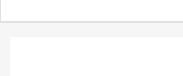
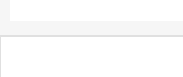
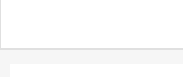
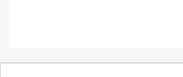
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Request For Quotation

| PRODUCT PARAMETER               |                                                                        |                                  |                                               |
|---------------------------------|------------------------------------------------------------------------|----------------------------------|-----------------------------------------------|
| Part Number                     | MCP1703-5002E/DB                                                       | Manufacturer                     | Micrel / Microchip Technology                 |
| Description                     | IC REG LINEAR 5V 250MA SOT223-3                                        | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                    |
| Quantity Available              | 110136 pcs                                                             | Data sheet                       | Development Tools Catalog<br>MCP1703          |
| Category                        | Integrated Circuits (ICs)                                              | 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                          | -                                                                      | Protection Features              | Over Current, Over Temperature, Short Circuit |
| Packaging                       | Tube                                                                   | Package / Case                   | TO-261-4, TO-261AA                            |
| PSRR                            | 44dB (100Hz)                                                           | Output Type                      | Fixed                                         |
| Output Configuration            | Positive                                                               | Other Names                      | MCP17035002EDB                                |
| Operating Temperature           | -40°C ~ 125°C                                                          | Number of Regulators             | 1                                             |
| Mounting Type                   | Surface Mount                                                          | Moisture Sensitivity Level (MSL) | 1 (Unlimited)                                 |
| Manufacturer Standard Lead Time | 10 Weeks                                                               | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                    |
| Detailed Description            | Linear Voltage Regulator IC Positive Fixed 1 Output 5V 250mA SOT-223-3 | Current - Quiescent (Iq)         | 5µA                                           |
| Current - Output                | 250mA                                                                  | Control Features                 | -                                             |
| Base Part Number                | MCP1703                                                                |                                  |                                               |

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| RELATED PRODUCTS                                                                   |                                                                            |                                              |     |
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|  | Part#: MCP1703A-1502E/DB<br>Description: IC REG LIN 1.5V 200MA SOT223-3    | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP1703-4002E/DB<br>Description: IC REG LINEAR 4V 250MA SOT223-3    | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP1703A-1802E/DB<br>Description: IC REG LIN 1.8V 200MA SOT223-3    | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP1703A-4002E/DB<br>Description: IC REG LINEAR 4V 250MA SOT223-3   | Manufacturers: Micrel / Microchip Technology | RFQ |
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|  | Part#: MCP1703-1202E/DB<br>Description: IC REG LIN 1.2V 200MA SOT223-3     | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP1703-1802E/DB<br>Description: IC REG LIN 1.8V 200MA SOT223-3     | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP1703-5002E/DBVAO<br>Description: IC REG LINEAR 5V 250MA SOT223-3 | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP1703A-2502E/DB<br>Description: IC REG LIN 2.5V 250MA SOT223-3    | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP1703A-1202E/DB<br>Description: IC REG LIN 1.2V 200MA SOT223-3    | Manufacturers: Micrel / Microchip Technology | RFQ |
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