

MICROCHIP

Micrel / Microchip Technology



MCP1700-5002E/TO

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MCP1700-5002E/TO                                                                                             |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC REG LINEAR 5V 250MA TO92-3                                                                                |
|                     |  1.MCP1700-5002E/TO.pdf     |
|                     |  2.MCP1700-5002E/TO.pdf     |
|                     |  3.MCP1700-5002E/TO.pdf     |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 278082 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 MCP1700-5002E/TO

|                                  |                                                                                                                                                                                                                                                                                                                                        |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MCP1700-5002E/TO                                                                                                                                                                                                                                                                                                                       |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                                                                                                                                          |
| DESCRIPTION                      | IC REG LINEAR 5V 250MA TO92-3                                                                                                                                                                                                                                                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                             |
| QUANTITY AVAILABLE               | 278082 pcs                                                                                                                                                                                                                                                                                                                             |
| DATA SHEET                       |  1.MCP1700-5002E/TO.pdf<br> 2.MCP1700-5002E/TO.pdf<br> 3.MCP1700-5002E/TO.pdf |
| VOLTAGE DROPOUT (MAX)            | 0.35V @ 250mA                                                                                                                                                                                                                                                                                                                          |
| VOLTAGE - OUTPUT (MIN/FIXED)     | 5V                                                                                                                                                                                                                                                                                                                                     |
| VOLTAGE - OUTPUT (MAX)           | -                                                                                                                                                                                                                                                                                                                                      |
| VOLTAGE - INPUT (MAX)            | 6V                                                                                                                                                                                                                                                                                                                                     |
| SUPPLIER DEVICE PACKAGE          | TO-92-3                                                                                                                                                                                                                                                                                                                                |
| SERIES                           | -                                                                                                                                                                                                                                                                                                                                      |
| PROTECTION FEATURES              | Over Current, Over Temperature, Short Circuit                                                                                                                                                                                                                                                                                          |
| PACKAGING                        | Bulk                                                                                                                                                                                                                                                                                                                                   |
| PACKAGE / CASE                   | TO-226-3, TO-92-3 (TO-226AA)                                                                                                                                                                                                                                                                                                           |
| PSRR                             | 44dB (100Hz)                                                                                                                                                                                                                                                                                                                           |
| OUTPUT TYPE                      | Fixed                                                                                                                                                                                                                                                                                                                                  |
| OUTPUT CONFIGURATION             | Positive                                                                                                                                                                                                                                                                                                                               |
| OPERATING TEMPERATURE            | -40°C ~ 125°C                                                                                                                                                                                                                                                                                                                          |
| NUMBER OF REGULATORS             | 1                                                                                                                                                                                                                                                                                                                                      |
| MOUNTING TYPE                    | Through Hole                                                                                                                                                                                                                                                                                                                           |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                                                                                                                                                                                                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                             |
| DETAILED DESCRIPTION             | Linear Voltage Regulator IC Positive Fixed 1 Output 5V 250mA TO-92-3                                                                                                                                                                                                                                                                   |
| CURRENT - QUIESCENT (IQ)         | 4µA                                                                                                                                                                                                                                                                                                                                    |
| CURRENT - OUTPUT                 | 250mA                                                                                                                                                                                                                                                                                                                                  |
| CONTROL FEATURES                 | -                                                                                                                                                                                                                                                                                                                                      |
| BASE PART NUMBER                 | MCP1700                                                                                                                                                                                                                                                                                                                                |

Related Tags

|                                                |                                        |                                                         |
|------------------------------------------------|----------------------------------------|---------------------------------------------------------|
| Micrel / Microchip Technology MCP1700-5002E/TO | MCP1700-5002E/TO Distributor           | MCP1700-5002E/TO Supplier                               |
| MCP1700-5002E/TO Price                         | MCP1700-5002E/TO Pictures              | MCP1700-5002E/TO Image                                  |
| MCP1700-5002E/TO PDF Datasheet                 | MCP1700-5002E/TO Download Datasheet    | MCP1700-5002E/TO Datasheet                              |
| MCP1700-5002E/TO Stock                         | Buy MCP1700-5002E/TO                   | Buy Micrel / Microchip Technology MCP1700-5002E/TO      |
| Micrel / Microchip Technology MCP1700-5002E/TO | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor               |
| Micrel / Microchip Technology MCP1700-5002E/TO | Microchip Technology MCP1700-5002E/TO  | Roving Networks / Microchip Technology MCP1700-5002E/TO |

Related Products

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|  <div><b>MCP1700-3002E/TO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 3V 250MA TO92-3<br/>In stock: 254403 pcs</div> <div>RFQ</div>     |  <div><b>MCP1700-3001E/TO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 3V 250MA TO92-3<br/>In stock: 228250 pcs</div> <div>RFQ</div>     |
|  <div><b>MCP1700T-1802E/MB</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 1.8V 200MA SOT89-3<br/>In stock: 285697 pcs</div> <div>RFQ</div> |  <div><b>MCP1700-3302E/TO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 3.3V 250MA TO92-3<br/>In stock: 252113 pcs</div> <div>RFQ</div>   |
|  <div><b>MCP1700T-1502E/TT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 1.5V 200MA SOT23-3<br/>In stock: 342167 pcs</div> <div>RFQ</div> |  <div><b>MCP1700T-1502E/MB</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 1.5V 200MA SOT89-3<br/>In stock: 317344 pcs</div> <div>RFQ</div> |
|  <div><b>MCP1700T-1202E/MB</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 1.2V 200MA SOT89-3<br/>In stock: 319286 pcs</div> <div>RFQ</div> |  <div><b>MCP1700T-1802E/MAY</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 1.8V 200MA 6DFN<br/>In stock: 263871 pcs</div> <div>RFQ</div>   |
|  <div><b>MCP1700-2802E/TO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 2.8V 250MA TO92-3<br/>In stock: 298724 pcs</div> <div>RFQ</div>   |  <div><b>MCP1700-3102E/TO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 3.1V 250MA TO92-3<br/>In stock: 320884 pcs</div> <div>RFQ</div>   |
|  <div><b>MCP1700T-1202E/TT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 1.2V 200MA SOT23-3<br/>In stock: 376033 pcs</div> <div>RFQ</div> |  <div><b>MCP1700-4002E/TO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 4V 250MA TO92-3<br/>In stock: 302257 pcs</div> <div>RFQ</div>     |