

MICROCHIP

Micrel / Microchip Technology



Image may be representation. See specifications for product details.

MIC5209-2.5YM-TR

|                     |                                                                                                                        |
|---------------------|------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | MIC5209-2.5YM-TR                                                                                                       |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                          |
| Product description | IC REG LINEAR 2.5V 500MA 8SOIC                                                                                         |
| Datasheets:         |  <a href="#">MIC5209-2.5YM-TR.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant           |
| Stock Condition     | 88333 pcs stock                                                                                                        |
| Ship From           | Hong Kong                                                                                                              |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                  |

REQUEST FOR QUOTATION

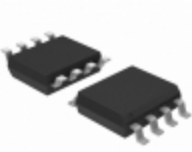
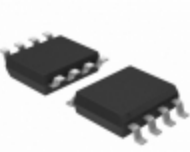
Specifications of MIC5209-2.5YM-TR

|                                  |                                                                                                                          |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MIC5209-2.5YM-TR                                                                                                         |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                            |
| DESCRIPTION                      | IC REG LINEAR 2.5V 500MA 8SOIC                                                                                           |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                               |
| QUANTITY AVAILABLE               | 88333 pcs                                                                                                                |
| DATA SHEET                       |  <a href="#">MIC5209-2.5YM-TR.pdf</a> |
| VOLTAGE DROPOUT (MAX)            | 0.6V @ 500mA                                                                                                             |
| VOLTAGE - OUTPUT (MIN/FIXED)     | 2.5V                                                                                                                     |
| VOLTAGE - OUTPUT (MAX)           | -                                                                                                                        |
| VOLTAGE - INPUT (MAX)            | 16V                                                                                                                      |
| SUPPLIER DEVICE PACKAGE          | 8-SOIC                                                                                                                   |
| SERIES                           | -                                                                                                                        |
| PROTECTION FEATURES              | Over Current, Over Temperature, Reverse Polarity                                                                         |
| PACKAGING                        | Cut Tape (CT)                                                                                                            |
| PACKAGE / CASE                   | 8-SOIC (0.154", 3.90mm Width)                                                                                            |
| PSRR                             | 75dB (120Hz)                                                                                                             |
| OUTPUT TYPE                      | Fixed                                                                                                                    |
| OUTPUT CONFIGURATION             | Positive                                                                                                                 |
| OTHER NAMES                      | 576-1271-1                                                                                                               |
| OPERATING TEMPERATURE            | -40°C ~ 125°C                                                                                                            |
| NUMBER OF REGULATORS             | 1                                                                                                                        |
| MOUNTING TYPE                    | Surface Mount                                                                                                            |
| MOISTURE SENSITIVITY LEVEL (MSL) | 2 (1 Year)                                                                                                               |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                               |
| DETAILED DESCRIPTION             | Linear Voltage Regulator IC Positive Fixed 1 Output 2.5V 500mA 8-SOIC                                                    |
| CURRENT - SUPPLY (MAX)           | 25mA                                                                                                                     |
| CURRENT - QUIESCENT (IQ)         | 170µA                                                                                                                    |
| CURRENT - OUTPUT                 | 500mA                                                                                                                    |
| CONTROL FEATURES                 | Enable                                                                                                                   |
| BASE PART NUMBER                 | MIC5209                                                                                                                  |

Related Tags

|                                                |                                        |                                                         |
|------------------------------------------------|----------------------------------------|---------------------------------------------------------|
| Micrel / Microchip Technology MIC5209-2.5YM-TR | MIC5209-2.5YM-TR Distributor           | MIC5209-2.5YM-TR Supplier                               |
| MIC5209-2.5YM-TR Price                         | MIC5209-2.5YM-TR Pictures              | MIC5209-2.5YM-TR Image                                  |
| MIC5209-2.5YM-TR PDF Datasheet                 | MIC5209-2.5YM-TR Download Datasheet    | MIC5209-2.5YM-TR Datasheet                              |
| MIC5209-2.5YM-TR Stock                         | Buy MIC5209-2.5YM-TR                   | Buy Micrel / Microchip Technology MIC5209-2.5YM-TR      |
| Micrel / Microchip Technology MIC5209-2.5YM-TR | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor               |
| Micrel / Microchip Technology MIC5209-2.5YM-TR | Microchip Technology MIC5209-2.5YM-TR  | Roving Networks / Microchip Technology MIC5209-2.5YM-TR |

Related Products

|                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                     |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>MIC5209-2.5BS TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 2.5V 500MA SOT223<br/>In stock: 97701 pcs<br/><div>RFQ</div></div>  |  <div><b>MIC5209-2.5YU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 2.5V 500MA TO263-5<br/>In stock: 62666 pcs<br/><div>RFQ</div></div>   |
|  <div><b>MIC5209-2.5BU TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 2.5V 500MA TO263-5<br/>In stock: 76769 pcs<br/><div>RFQ</div></div> |  <div><b>MIC5209-3.0BM-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 3V 500MA 8SOIC<br/>In stock: 95008 pcs<br/><div>RFQ</div></div>    |
|  <div><b>MIC5209-2.5YS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 2.5V 500MA SOT223<br/>In stock: 65819 pcs<br/><div>RFQ</div></div>     |  <div><b>MIC5209-2.5BS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 2.5V 500MA SOT223<br/>In stock: 77793 pcs<br/><div>RFQ</div></div>    |
|  <div><b>MIC5209-2.5BU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 2.5V 500MA TO263-5<br/>In stock: 67067 pcs<br/><div>RFQ</div></div>    |  <div><b>MIC5209-3.0BM</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 3V 500MA 8SOIC<br/>In stock: 78579 pcs<br/><div>RFQ</div></div>       |
|  <div><b>MIC5209-2.5YM</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 2.5V 500MA 8SOIC<br/>In stock: 66963 pcs<br/><div>RFQ</div></div>      |  <div><b>MIC5209-2.5BM-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 2.5V 500MA 8SOIC<br/>In stock: 107634 pcs<br/><div>RFQ</div></div> |
|  <div><b>MIC5209-2.5YU-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 2.5V 500MA TO263-5<br/>In stock: 62417 pcs<br/><div>RFQ</div></div> |  <div><b>MIC5209-2.5YS-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 2.5V 500MA SOT223<br/>In stock: 93065 pcs<br/><div>RFQ</div></div> |