



Micrel / Microchip Technology

MIC5209-2.5YU-TR

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MIC5209-2.5YU-TR                                                                                             |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC REG LINEAR 2.5V 500MA TO263-5                                                                             |
| Datasheets:         |  MIC5209-2.5YU-TR.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 MIC5209-2.5YU-TR

|                                  |                                                                                                          |
|----------------------------------|----------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MIC5209-2.5YU-TR                                                                                         |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                            |
| DESCRIPTION                      | IC REG LINEAR 2.5V 500MA TO263-5                                                                         |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                               |
| DATA SHEET                       |  MIC5209-2.5YU-TR.pdf |
| VOLTAGE DROPOUT (MAX)            | 0.6V @ 500mA                                                                                             |
| VOLTAGE - OUTPUT (MIN/FIXED)     | 2.5V                                                                                                     |
| VOLTAGE - OUTPUT (MAX)           | -                                                                                                        |
| VOLTAGE - INPUT (MAX)            | 16V                                                                                                      |
| SUPPLIER DEVICE PACKAGE          | TO-263-5                                                                                                 |
| SERIES                           | -                                                                                                        |
| PROTECTION FEATURES              | Over Current, Over Temperature, Reverse Polarity                                                         |
| PACKAGING                        | Tape & Reel (TR)                                                                                         |
| PACKAGE / CASE                   | TO-263-6, D²Pak (5 Leads + Tab), TO-263BA                                                                |
| PSRR                             | 75dB (120Hz)                                                                                             |
| OUTPUT TYPE                      | Fixed                                                                                                    |
| OUTPUT CONFIGURATION             | Positive                                                                                                 |
| OTHER NAMES                      | MIC5209-2.5YU TR<br>MIC5209-2.5YU TR-ND<br>MIC5209-2.5YUTR<br>MIC5209-2.5YUTR-ND                         |
| OPERATING TEMPERATURE            | -40°C ~ 125°C                                                                                            |
| NUMBER OF REGULATORS             | 1                                                                                                        |
| MOUNTING TYPE                    | Surface Mount                                                                                            |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                            |
| 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 2.5V 500mA TO-263-5                                  |
| CURRENT - SUPPLY (MAX)           | 25mA                                                                                                     |
| CURRENT - QUIESCENT (IQ)         | 170µA                                                                                                    |
| CURRENT - OUTPUT                 | 500mA                                                                                                    |
| CONTROL FEATURES                 | Enable                                                                                                   |
| BASE PART NUMBER                 | MIC5209                                                                                                  |

Related Tags

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

Related Products

|                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                      |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>MIC5209-2.5YM-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 2.5V 500MA 8SOIC<br/>In stock: Out stock<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: Out stock<br/><div>RFQ</div></div>  |
|  <div><b>MIC5209-3.0BU TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 3V 500MA TO263-5<br/>In stock: Out stock<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: Out stock<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: Out stock<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: 554 pcs<br/><div>RFQ</div></div>       |
|  <div><b>MIC5209-3.0BS TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 3V 500MA SOT223<br/>In stock: Out stock<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: Out stock<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: 460 pcs<br/><div>RFQ</div></div>      |  <div><b>MIC5209-3.0BU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 3V 500MA TO263-5<br/>In stock: Out stock<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: Out stock<br/><div>RFQ</div></div>   |  <div><b>MIC5209-3.0BS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 3V 500MA SOT223<br/>In stock: Out stock<br/><div>RFQ</div></div>       |