



Micrel / Microchip Technology

MIC5209BU TR

|                     |                                                                                                                      |
|---------------------|----------------------------------------------------------------------------------------------------------------------|
| Part Number:        | MIC5209BU TR                                                                                                         |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                        |
| Product description | IC REG LIN POS ADJ 500MA TO263-5                                                                                     |
| Datasheets:         |                                                                                                                      |
| RoHs Status         |  Contains lead / RoHS non-compliant |
| Ship From           | Hong Kong                                                                                                            |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

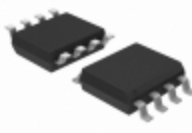
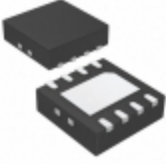
Specifications of MIC5209BU TR

|                                  |                                                                                    |
|----------------------------------|------------------------------------------------------------------------------------|
| PART NUMBER                      | MIC5209BU TR                                                                       |
| MANUFACTURER                     | Micrel / Microchip Technology                                                      |
| DESCRIPTION                      | IC REG LIN POS ADJ 500MA TO263-5                                                   |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                                 |
| DATA SHEET                       |                                                                                    |
| VOLTAGE DROPOUT (MAX)            | 0.6V @ 500mA                                                                       |
| VOLTAGE - OUTPUT (MIN/FIXED)     | 2.5V                                                                               |
| VOLTAGE - OUTPUT (MAX)           | 5V                                                                                 |
| 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                      | Adjustable                                                                         |
| OUTPUT CONFIGURATION             | Positive                                                                           |
| OTHER NAMES                      | MIC5209BU TR-ND<br>MIC5209BUTR                                                     |
| OPERATING TEMPERATURE            | -40°C ~ 125°C                                                                      |
| NUMBER OF REGULATORS             | 1                                                                                  |
| MOUNTING TYPE                    | Surface Mount                                                                      |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                      |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                                 |
| DETAILED DESCRIPTION             | Linear Voltage Regulator IC Positive Adjustable 1 Output Adjustable 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 MIC5209BU TR | MIC5209BU TR Distributor               | MIC5209BU TR Supplier                               |
| MIC5209BU TR Price                         | MIC5209BU TR Pictures                  | MIC5209BU TR Image                                  |
| MIC5209BU TR PDF Datasheet                 | MIC5209BU TR Download Datasheet        | MIC5209BU TR Datasheet                              |
| MIC5209BU TR Stock                         | Buy MIC5209BU TR                       | Buy Micrel / Microchip Technology MIC5209BU TR      |
| Micrel / Microchip Technology MIC5209BU TR | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor           |
| Micrel / Microchip Technology MIC5209BU TR | Microchip Technology MIC5209BU TR      | Roving Networks / Microchip Technology MIC5209BU TR |

Related Products

|                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                   |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>MIC5209-5.0YS-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 5V 500MA SOT223<br/>In stock: 114 pcs<br/><div>RFQ</div></div>  |  <div><b>MIC5209YM</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LIN POS ADJ 500MA 8SOIC<br/>In stock: Out stock<br/><div>RFQ</div></div>       |
|  <div><b>MIC5209BM-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LIN POS ADJ 500MA 8SOIC<br/>In stock: Out stock<br/><div>RFQ</div></div>   |  <div><b>MIC5209-5.0YU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 5V 500MA TO263-5<br/>In stock: 171 pcs<br/><div>RFQ</div></div>     |
|  <div><b>MIC5209BU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LIN POS ADJ 500MA TO263-5<br/>In stock: Out stock<br/><div>RFQ</div></div>    |  <div><b>MIC5209YU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LIN POS ADJ 500MA TO263-5<br/>In stock: 661 pcs<br/><div>RFQ</div></div>       |
|  <div><b>MIC5209YM-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LIN POS ADJ 500MA 8SOIC<br/>In stock: Out stock<br/><div>RFQ</div></div>   |  <div><b>MIC5209YU-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LIN POS ADJ 500MA TO263-5<br/>In stock: Out stock<br/><div>RFQ</div></div>  |
|  <div><b>MIC5209-5.0YU-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 5V 500MA TO263-5<br/>In stock: 650 pcs<br/><div>RFQ</div></div> |  <div><b>MIC5209YML-T5</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR POS ADJ 500MA 8DFN<br/>In stock: Out stock<br/><div>RFQ</div></div> |
|  <div><b>MIC5209BM</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LIN POS ADJ 500MA 8SOIC<br/>In stock: Out stock<br/><div>RFQ</div></div>      |  <div><b>MIC5209YML-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR POS ADJ 500MA 8DFN<br/>In stock: Out stock<br/><div>RFQ</div></div> |