

MICROCHIP

Micrel / Microchip Technology

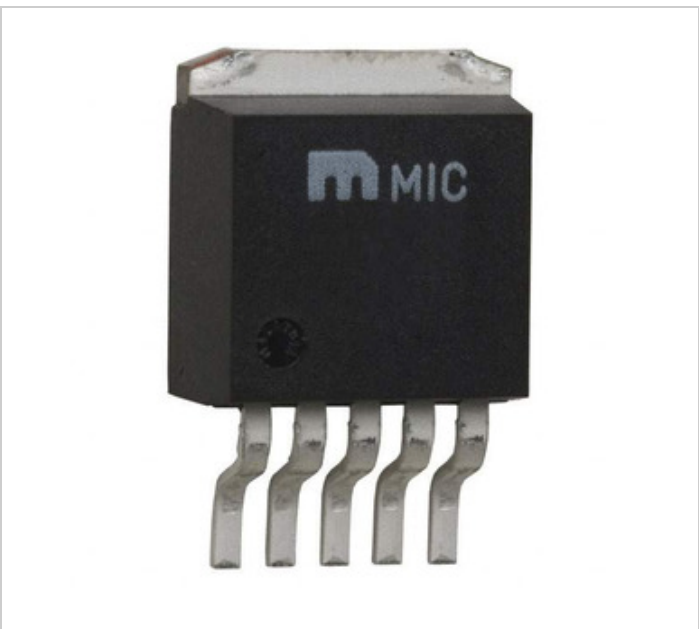


Image may be representation. See specifications for product details.

### MIC5209-3.6YU-TR

|                     |                                                                                                                        |
|---------------------|------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | MIC5209-3.6YU-TR                                                                                                       |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                          |
| Product description | IC REG LINEAR 3.6V 500MA TO263-5                                                                                       |
| Datasheets:         |  <a href="#">MIC5209-3.6YU-TR.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant           |
| Stock Condition     | 91053 pcs stock                                                                                                        |
| Ship From           | Hong Kong                                                                                                              |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                  |

REQUEST FOR QUOTATION

#### Specifications of MIC5209-3.6YU-TR

|                                  |                                                                                                                          |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MIC5209-3.6YU-TR                                                                                                         |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                            |
| DESCRIPTION                      | IC REG LINEAR 3.6V 500MA TO263-5                                                                                         |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                               |
| QUANTITY AVAILABLE               | 91053 pcs                                                                                                                |
| DATA SHEET                       |  <a href="#">MIC5209-3.6YU-TR.pdf</a> |
| VOLTAGE DROPOUT (MAX)            | 0.6V @ 500mA                                                                                                             |
| VOLTAGE - OUTPUT (MIN/FIXED)     | 3.6V                                                                                                                     |
| 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, D <sup>2</sup> Pak (5 Leads + Tab), TO-263BA                                                                   |
| PSRR                             | 75dB (120Hz)                                                                                                             |
| OUTPUT TYPE                      | Fixed                                                                                                                    |
| OUTPUT CONFIGURATION             | Positive                                                                                                                 |
| OTHER NAMES                      | MIC5209-3.6YU TR<br>MIC5209-3.6YU TR-ND<br>MIC5209-3.6YUTR<br>MIC5209-3.6YUTR-ND                                         |
| 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   | Lead free / RoHS Compliant                                                                                               |
| DETAILED DESCRIPTION             | Linear Voltage Regulator IC Positive Fixed 1 Output 3.6V 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 MIC5209-3.6YU-TR | MIC5209-3.6YU-TR Distributor           | MIC5209-3.6YU-TR Supplier                               |
| MIC5209-3.6YU-TR Price                         | MIC5209-3.6YU-TR Pictures              | MIC5209-3.6YU-TR Image                                  |
| MIC5209-3.6YU-TR PDF Datasheet                 | MIC5209-3.6YU-TR Download Datasheet    | MIC5209-3.6YU-TR Datasheet                              |
| MIC5209-3.6YU-TR Stock                         | Buy MIC5209-3.6YU-TR                   | Buy Micrel / Microchip Technology MIC5209-3.6YU-TR      |
| Micrel / Microchip Technology MIC5209-3.6YU-TR | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor               |
| Micrel / Microchip Technology MIC5209-3.6YU-TR | Microchip Technology MIC5209-3.6YU-TR  | Roving Networks / Microchip Technology MIC5209-3.6YU-TR |

#### Related Products

|                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                  |
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|  <div><b>MIC5209-3.6YS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 3.6V 500MA SOT223<br/>In stock: 70922 pcs<br/><b>RFQ</b></div>     |  <div><b>MIC5209-3.6YS-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 3.6V 500MA SOT223<br/>In stock: 109104 pcs<br/><b>RFQ</b></div> |
|  <div><b>MIC5209-3.6BU TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 3.6V 500MA TO263-5<br/>In stock: 75770 pcs<br/><b>RFQ</b></div> |  <div><b>MIC5209-3.6YM-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 3.6V 500MA 8SOIC<br/>In stock: 92996 pcs<br/><b>RFQ</b></div>   |
|  <div><b>MIC5209-5.0BM-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 5V 500MA 8SOIC<br/>In stock: 114242 pcs<br/><b>RFQ</b></div>    |  <div><b>MIC5209-4.2YS-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 4.2V 500MA SOT223<br/>In stock: 78885 pcs<br/><b>RFQ</b></div>  |
|  <div><b>MIC5209-3.6YM</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 3.6V 500MA 8SOIC<br/>In stock: 76127 pcs<br/><b>RFQ</b></div>      |  <div><b>MIC5209-4.2BS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 4.2V 500MA SOT223<br/>In stock: 92111 pcs<br/><b>RFQ</b></div>     |
|  <div><b>MIC5209-5.0BM</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 5V 500MA 8SOIC<br/>In stock: 89961 pcs<br/><b>RFQ</b></div>        |  <div><b>MIC5209-4.2YS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 4.2V 500MA SOT223<br/>In stock: 87417 pcs<br/><b>RFQ</b></div>     |
|  <div><b>MIC5209-3.6YU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 3.6V 500MA TO263-5<br/>In stock: 69435 pcs<br/><b>RFQ</b></div>    |  <div><b>MIC5209-4.2BS TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 4.2V 500MA SOT223<br/>In stock: 112609 pcs<br/><b>RFQ</b></div> |