

MICROCHIP

Micrel / Microchip Technology

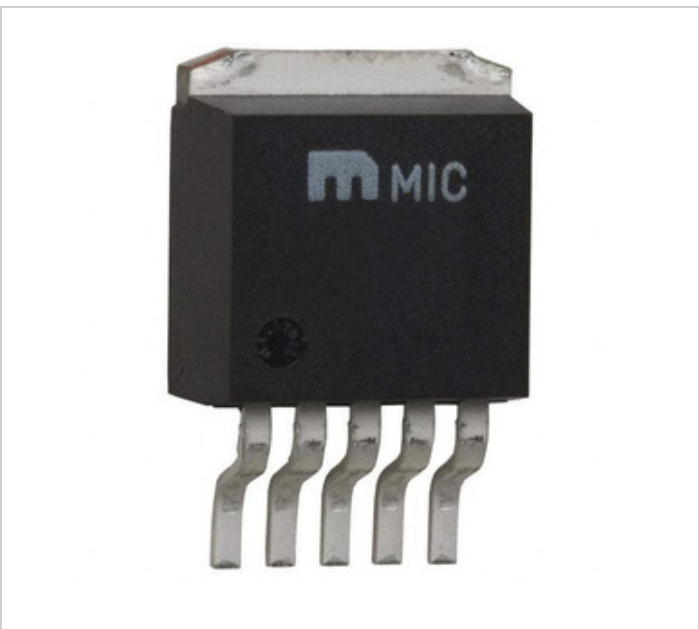


Image may be representation. See specifications for product details.

MIC5209-3.0YU

|                     |                                                                                                                     |
|---------------------|---------------------------------------------------------------------------------------------------------------------|
| Part Number:        | MIC5209-3.0YU                                                                                                       |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                       |
| Product description | IC REG LINEAR 3V 500MA TO263-5                                                                                      |
| Datasheets:         |  <a href="#">MIC5209-3.0YU.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant        |
| Stock Condition     | 58967 pcs stock                                                                                                     |
| Ship From           | Hong Kong                                                                                                           |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                               |

REQUEST FOR QUOTATION

Specifications of MIC5209-3.0YU

|                                  |                                                                                                                       |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MIC5209-3.0YU                                                                                                         |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                         |
| DESCRIPTION                      | IC REG LINEAR 3V 500MA TO263-5                                                                                        |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                            |
| QUANTITY AVAILABLE               | 58967 pcs                                                                                                             |
| DATA SHEET                       |  <a href="#">MIC5209-3.0YU.pdf</a> |
| VOLTAGE DROPOUT (MAX)            | 0.6V @ 500mA                                                                                                          |
| VOLTAGE - OUTPUT (MIN/FIXED)     | 3V                                                                                                                    |
| VOLTAGE - OUTPUT (MAX)           | -                                                                                                                     |
| VOLTAGE - INPUT (MAX)            | 16V                                                                                                                   |
| SUPPLIER DEVICE PACKAGE          | TO-263-5                                                                                                              |
| SERIES                           | -                                                                                                                     |
| PROTECTION FEATURES              | Over Current, Over Temperature, Reverse Polarity                                                                      |
| PACKAGING                        | Tube                                                                                                                  |
| PACKAGE / CASE                   | TO-263-6, D <sup>2</sup> Pak (5 Leads + Tab), TO-263BA                                                                |
| PSRR                             | 75dB (120Hz)                                                                                                          |
| OUTPUT TYPE                      | Fixed                                                                                                                 |
| OUTPUT CONFIGURATION             | Positive                                                                                                              |
| 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 3V 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 MIC5209-3.0YU | MIC5209-3.0YU Distributor              | MIC5209-3.0YU Supplier                               |
| MIC5209-3.0YU Price                         | MIC5209-3.0YU Pictures                 | MIC5209-3.0YU Image                                  |
| MIC5209-3.0YU PDF Datasheet                 | MIC5209-3.0YU Download Datasheet       | MIC5209-3.0YU Datasheet                              |
| MIC5209-3.0YU Stock                         | Buy MIC5209-3.0YU                      | Buy Micrel / Microchip Technology MIC5209-3.0YU      |
| Micrel / Microchip Technology MIC5209-3.0YU | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor            |
| Micrel / Microchip Technology MIC5209-3.0YU | Microchip Technology MIC5209-3.0YU     | Roving Networks / Microchip Technology MIC5209-3.0YU |

Related Products

|                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>MIC5209-3.3BS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 3.3V 500MA SOT223<br/>In stock: 95480 pcs<br/><b>RFQ</b></div>   |  <div><b>MIC5209-3.0YM</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 3V 500MA 8SOIC<br/>In stock: 51442 pcs<br/><b>RFQ</b></div>        |
|  <div><b>MIC5209-3.0BU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 3V 500MA TO263-5<br/>In stock: 57218 pcs<br/><b>RFQ</b></div>    |  <div><b>MIC5209-3.3BM-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 3.3V 500MA 8SOIC<br/>In stock: 105178 pcs<br/><b>RFQ</b></div>  |
|  <div><b>MIC5209-3.0YS-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 3V 500MA SOT223<br/>In stock: 60453 pcs<br/><b>RFQ</b></div>  |  <div><b>MIC5209-3.3BU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 3.3V 500MA TO263-5<br/>In stock: 55620 pcs<br/><b>RFQ</b></div>    |
|  <div><b>MIC5209-3.3BM</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 3.3V 500MA 8SOIC<br/>In stock: 89884 pcs<br/><b>RFQ</b></div>    |  <div><b>MIC5209-3.0YM-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 3V 500MA 8SOIC<br/>In stock: 75043 pcs<br/><b>RFQ</b></div>     |
|  <div><b>MIC5209-3.0YS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 3V 500MA SOT223<br/>In stock: 54040 pcs<br/><b>RFQ</b></div>     |  <div><b>MIC5209-3.0YU-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 3V 500MA TO263-5<br/>In stock: 55205 pcs<br/><b>RFQ</b></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: 78386 pcs<br/><b>RFQ</b></div> |  <div><b>MIC5209-3.3BS TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 3.3V 500MA SOT223<br/>In stock: 104544 pcs<br/><b>RFQ</b></div> |