

MIC5209-5.0YU-TR



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Part Number: [MIC5209-5.0YU-TR](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC REG LINEAR 5V 500MA TO263-5

Data sheet:  [MIC5209](#)

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                           |                                 |                                                        |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|---------------------------------|--------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | MIC5209-5.0YU-TR                          | Manufacturer                    | <a href="#">Micrel / Microchip Technology</a>          |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | IC REG LINEAR 5V 500MA TO263-5            | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                             |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 77043 pcs                                 | Data sheet                      | <a href="#">MIC5209</a>                                |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <a href="#">Integrated Circuits (ICs)</a> | Voltage Dropout (Max)           | 0.6V @ 500mA                                           |
| Voltage - Output (Min/Fixed)                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 5V                                        | Voltage - Output (Max)          | -                                                      |
| Voltage - Input (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 16V                                       | Supplier Device Package         | TO-263-5                                               |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | -                                         | Protection Features             | Over Current, Over Temperature, Reverse Polarity       |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Cut Tape (CT)                             | 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)                             | Manufacturer Standard Lead Time | 7 Weeks                                                |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Lead free / RoHS Compliant                | Detailed Description            | Linear Voltage Regulator IC 1 Output 500mA TO-263-5    |
| Current - Supply (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 25mA                                      | Current - Quiescent (Iq)        | 170µA                                                  |
| Current - Output                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 500mA                                     | Control Features                | Enable                                                 |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | MIC5209                                   |                                 |                                                        |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Micrel / Microchip Technology series electronic components. We have 77043 pieces of Micrel / Microchip Technology MIC5209-5.0YU-TR in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.<br>RFQ Email: <a href="mailto:info@Components-World.com">info@Components-World.com</a> |                                           |                                 |                                                        |

| RELATED PRODUCTS                                                                   |                                                                                        |                                                              |                |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|--------------------------------------------------------------|----------------|
|  | Part#: <a href="#">MIC5209-5.0BU TR</a><br>Description: IC REG LINEAR 5V 500MA TO263-5 | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC5209YM</a><br>Description: IC REG LIN POS ADJ 500MA 8SOIC        | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC5209BU TR</a><br>Description: IC REG LIN POS ADJ 500MA TO263-5   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC5209-5.0BM-TR</a><br>Description: IC REG LINEAR 5V 500MA 8SOIC   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC5209-5.0YU</a><br>Description: IC REG LINEAR 5V 500MA TO263-5    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC5209-5.0BS TR</a><br>Description: IC REG LINEAR 5V 500MA SOT223  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC5209YML-TR</a><br>Description: IC REG LINEAR POS ADJ 500MA 8DFN  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC5209BU</a><br>Description: IC REG LIN POS ADJ 500MA TO263-5      | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC5209YU</a><br>Description: IC REG LIN POS ADJ 500MA TO263-5      | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">MIC5209BM</a><br>Description: IC REG LIN POS ADJ 500MA 8SOIC        | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC5209YML-T5</a><br>Description: IC REG LINEAR POS ADJ 500MA 8DFN  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC5209-5.0YS</a><br>Description: IC REG LINEAR 5V 500MA SOT223     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC5209-5.0YM</a><br>Description: IC REG LINEAR 5V 500MA 8SOIC      | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC5209YU-TR</a><br>Description: IC REG LIN POS ADJ 500MA TO263-5   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC5209-5.0YM-TR</a><br>Description: IC REG LINEAR 5V 500MA 8SOIC   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC5209YM-TR</a><br>Description: IC REG LIN POS ADJ 500MA 8SOIC     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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Related keywords for MIC5209-5.0YU-TR

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