

## MIC5200-5.0YS-TR



**Part Number:** [MIC5200-5.0YS-TR](#)  
**Manufacturer:** [Micrel / Microchip Technology](#)  
**Description:** IC REG LINEAR 5V 100MA SOT223  
**Data sheet:** [PDF MIC5200](#)

**RoHS Status:** Lead free / RoHS Compliant  
**Ship From:** Hong Kong  
**Shipment Way:** DHL/Fedex/TNT/UPS/EMS

Images are for reference only.  
 See Product Specifications for product details.  
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### PRODUCT PARAMETER

|  |  |   |   |
|--|--|---|---|
| <b>Part Number</b>                     | MIC5200-5.0YS-TR   | <b>Manufacturer</b>                     | <a href="#">Micrel / Microchip Technology</a> |
| <b>Description</b>                     | IC REG LINEAR 5V 100MA SOT223  | <b>Lead Free Status / RoHS Status</b>   | Lead free / RoHS Compliant                    |
| <b>Quantity Available</b>              | 67430 pcs  | <b>Data sheet</b>                       | <a href="#">MIC5200</a>                       |
| <b>Category</b>                        | <a href="#">Integrated Circuits (ICs)</a>                            | <b>Voltage Dropout (Max)</b>            | 0.35V @ 100mA                                 |
| <b>Voltage - Output (Min/Fixed)</b>    | 5V   | <b>Voltage - Output (Max)</b>           | -   |
| <b>Voltage - Input (Max)</b>           | 26V  | <b>Supplier Device Package</b>          | SOT-223                                       |
| <b>Series</b>                          | -  | <b>Protection Features</b>              | Over Current, Over Temperature                |
| <b>Packaging</b>                       | Cut Tape (CT)  | <b>Package / Case</b>                   | TO-261-4, TO-261AA                            |
| <b>PSRR</b>                            | -  | <b>Output Type</b>                      | Fixed   |
| <b>Output Configuration</b>            | Positive   | <b>Other Names</b>                      | 576-1249-1                                    |
| <b>Operating Temperature</b>           | -40°C ~ 125°C  | <b>Number of Regulators</b>             | 1   |
| <b>Mounting Type</b>                   | Surface Mount  | <b>Moisture Sensitivity Level (MSL)</b> | 3 (168 Hours)                                 |
| <b>Manufacturer Standard Lead Time</b> | 22 Weeks   | <b>Lead Free Status / RoHS Status</b>   | Lead free / RoHS Compliant                    |
| <b>Detailed Description</b>            | Linear Voltage Regulator IC Positive Fixed 1 Output 5V 100mA SOT-223 | <b>Current - Supply (Max)</b>           | 1.5mA   |
| <b>Current - Quiescent (Iq)</b>        | 350µA  | <b>Current - Output</b>                 | 100mA   |
| <b>Control Features</b>                | -  | <b>Base Part Number</b>                 | MIC5200                                       |

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### RELATED PRODUCTS

|  |   |   |                     |
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|  | <b>Part#:</b> <a href="#">MIC5201-3.0BMM</a><br><b>Description:</b> IC REG LINEAR 3V 200MA 8MSOP    | <b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | <b>Part#:</b> <a href="#">MIC5201-3.0YM-TR</a><br><b>Description:</b> IC REG LINEAR 3V 200MA 8SOIC  | <b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | <b>Part#:</b> <a href="#">MIC5200-5.0BS</a><br><b>Description:</b> IC REG LINEAR 5V 100MA SOT223    | <b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | <b>Part#:</b> <a href="#">MIC5200-5.0BMM</a><br><b>Description:</b> IC REG LINEAR 5V 100MA 8MSOP    | <b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | <b>Part#:</b> <a href="#">MIC5200-5.0BS TR</a><br><b>Description:</b> IC REG LINEAR 5V 100MA SOT223 | <b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | <b>Part#:</b> <a href="#">MIC5201-3.0YMM-TR</a><br><b>Description:</b> IC REG LINEAR 3V 200MA 8MSOP | <b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | <b>Part#:</b> <a href="#">MIC5200-5.0YM</a><br><b>Description:</b> IC REG LINEAR 5V 100MA 8SOIC     | <b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | <b>Part#:</b> <a href="#">MIC5201-3.0BM</a><br><b>Description:</b> IC REG LINEAR 3V 200MA 8SOIC     | <b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | <b>Part#:</b> <a href="#">MIC5201-3.0YMM</a><br><b>Description:</b> IC REG LINEAR 3V 200MA 8MSOP    | <b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
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