

MIC39100-5.0WS





Part Number: [MIC39100-5.0WS](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC REG LINEAR 5V 1A SOT223

Data sheet:  [MIC39100](#), [MIC39101](#), [MIC39102](#)

RoHs Status: Lead free / RoHS Compliant

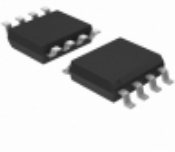
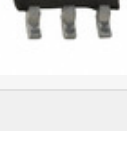
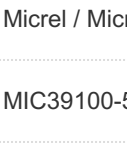
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                   |                                  |                                                                                |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|----------------------------------|--------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | MIC39100-5.0WS                                                    | Manufacturer                     | <a href="#">Micrel / Microchip Technology</a>                                  |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | IC REG LINEAR 5V 1A SOT223                                        | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                     |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 82669 pcs                                                         | Data sheet                       | <a href="#">MIC39100</a> , <a href="#">MIC39101</a> , <a href="#">MIC39102</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <a href="#">Integrated Circuits (ICs)</a>                         | Voltage Dropout (Max)            | 0.63V @ 1A                                                                     |
| Voltage - Output (Min/Fixed)                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 5V                                                                | Voltage - Output (Max)           | -                                                                              |
| Voltage - Input (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 16V                                                               | Supplier Device Package          | SOT-223                                                                        |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | -                                                                 | Protection Features              | Over Current, Over Temperature, Reverse Polarity                               |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Tube                                                              | Package / Case                   | TO-261-4, TO-261AA                                                             |
| PSRR                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | -                                                                 | Output Type                      | Fixed                                                                          |
| Output Configuration                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Positive                                                          | Other Names                      | 576-1173<br>MIC3910050WS                                                       |
| 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 Positive Fixed 1 Output 5V 1A SOT-223 | Current - Output                 | 1A                                                                             |
| Control Features                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | -                                                                 | Base Part Number                 | MIC39100-5.0                                                                   |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Micrel / Microchip Technology series electronic components. We have 82669 pieces of Micrel / Microchip Technology MIC39100-5.0WS 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="#">MIC39101-2.5YM</a><br>Description: IC REG LINEAR 2.5V 1A 8SOIC     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC39101-1.8BM</a><br>Description: IC REG LINEAR 1.8V 1A 8SOIC     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC39101-1.8YM</a><br>Description: IC REG LINEAR 1.8V 1A 8SOIC     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC39101-1.8YM-TR</a><br>Description: IC REG LINEAR 1.8V 1A 8SOIC  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC39100-3.3WS-TR</a><br>Description: IC REG LINEAR 3.3V 1A SOT223 | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC39100-2.5BS TR</a><br>Description: IC REG LINEAR 2.5V 1A SOT223 | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC39101-3.0BM</a><br>Description: IC REG LINEAR 3V 1A 8SOIC       | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC39101-2.5BM</a><br>Description: IC REG LINEAR 2.5V 1A 8SOIC     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC39100-3.3WS</a><br>Description: IC REG LINEAR 3.3V 1A SOT223    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC39101-1.8BM-TR</a><br>Description: IC REG LINEAR 1.8V 1A 8SOIC  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC39101-2.5BM-TR</a><br>Description: IC REG LINEAR 2.5V 1A 8SOIC  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC39100-3.3BS TR</a><br>Description: IC REG LINEAR 3.3V 1A SOT223 | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">MIC39100-5.0BS</a><br>Description: IC REG LINEAR 5V 1A SOT223      | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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Related keywords for MIC39100-5.0WS

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