

MIC39501-1.8BU



**Part Number:** [MIC39501-1.8BU](#)

**Manufacturer:** [Micrel / Microchip Technology](#)

**Description:** IC REG LINEAR 1.8V 5A TO263-5

**Data sheet:**  [MIC39500, MIC39501](#)

**RoHs Status:** Contains lead / RoHS non-compliant

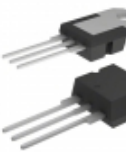
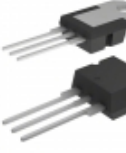
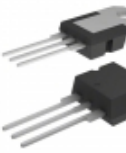
**Ship From:** Hong Kong

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

Images are for reference only.  
See Product Specifications for product details.  
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                      |                                |                                                  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------|--------------------------------|--------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | MIC39501-1.8BU                                                       | Manufacturer                   | <a href="#">Micrel / Microchip Technology</a>    |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | IC REG LINEAR 1.8V 5A TO263-5                                        | Lead Free Status / RoHS Status | Contains lead / RoHS non-compliant               |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 18565 pcs                                                            | Data sheet                     | <a href="#">MIC39500, MIC39501</a>               |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <a href="#">Integrated Circuits (ICs)</a>                            | Voltage Dropout (Max)          | 0.575V @ 5A                                      |
| Voltage - Output (Min/Fixed)                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 1.8V                                                                 | 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, D²Pak (5 Leads + Tab), TO-263BA        |
| PSRR                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | -                                                                    | 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 | Contains lead / RoHS non-compliant               |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Linear Voltage Regulator IC Positive Fixed 1 Output 1.8V 5A TO-263-5 | Current - Output               | 5A                                               |
| Control Features                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Enable                                                               | Base Part Number               | MIC39501-1.8                                     |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Micrel / Microchip Technology series electronic components. We have 18565 pieces of Micrel / Microchip Technology MIC39501-1.8BU 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="#">MIC39501-1.8WU</a><br>Description: IC REG LINEAR 1.8V 5A TO263-5    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MIC39500-1.8WU-TR</a><br>Description: IC REG LINEAR 1.8V 5A TO263-3 | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MIC39501-1.8BT</a><br>Description: IC REG LINEAR 1.8V 5A TO220-5    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MIC39501-2.5BU</a><br>Description: IC REG LINEAR 2.5V 5A TO263-5    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MIC39500-2.5WT</a><br>Description: IC REG LINEAR 2.5V 5A TO220-3    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MIC39501-1.8BU TR</a><br>Description: IC REG LINEAR 1.8V 5A TO263-5 | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MIC39501-2.5WT</a><br>Description: IC REG LINEAR 2.5V 5A TO220-5    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MIC39501-1.8WT</a><br>Description: IC REG LINEAR 1.8V 5A TO220-5    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
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| Related keywords for MIC39501-1.8BU          |                                     |                                                       |                      |
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