

MIC39500-1.8WU



Part Number: [MIC39500-1.8WU](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC REG LINEAR 1.8V 5A TO263-3

Data sheet:  [MIC39500, MIC39501](#)

RoHs Status: Lead free / RoHS Compliant

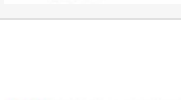
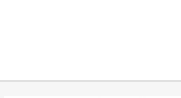
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See Product Specifications for product details.  
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                      |                                  |                                                  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------|----------------------------------|--------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | MIC39500-1.8WU                                                       | Manufacturer                     | <a href="#">Micrel / Microchip Technology</a>    |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | IC REG LINEAR 1.8V 5A TO263-3                                        | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                       |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 14474 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-263-3                                         |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | -                                                                    | Protection Features              | Over Current, Over Temperature, Reverse Polarity |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Tube                                                                 | Package / Case                   | TO-263-4, D*Pak (3 Leads + Tab), TO-263AA        |
| PSRR                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | -                                                                    | Output Type                      | Fixed                                            |
| Output Configuration                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Positive                                                             | Other Names                      | 576-1783-5<br>MIC39500-1.8WU-ND<br>MIC3950018WU  |
| 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                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 13 Weeks                                                             | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                       |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Linear Voltage Regulator IC Positive Fixed 1 Output 1.8V 5A TO-263-3 | Current - Output                 | 5A                                               |
| Control Features                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | -                                                                    | Base Part Number                 | MIC39500-1.8                                     |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Micrel / Microchip Technology series electronic components. We have 14474 pieces of Micrel / Microchip Technology MIC39500-1.8WU 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="#">MIC39301-2.5BU TR</a><br>Description: IC REG LINEAR 2.5V 3A TO263-5 | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC39301-2.5WT</a><br>Description: IC REG LINEAR 2.5V 3A TO220-5    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC39500-2.5BU</a><br>Description: IC REG LINEAR 2.5V 5A TO263-3    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | 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> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC39302WU-TR</a><br>Description: IC REG LINEAR POS ADJ 3A TO263-5  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | 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> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC39500-1.8BU</a><br>Description: IC REG LINEAR 1.8V 5A TO263-3    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC39501-1.8BU</a><br>Description: IC REG LINEAR 1.8V 5A TO263-5    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">MIC39500-2.5WT</a><br>Description: IC REG LINEAR 2.5V 5A TO220-3    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC39301-2.5WU-TR</a><br>Description: IC REG LINEAR 2.5V 3A TO263-5 | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC39501-1.8BT</a><br>Description: IC REG LINEAR 1.8V 5A TO220-5    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC39500-1.8BT</a><br>Description: IC REG LINEAR 1.8V 5A TO220-3    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC39500-2.5BT</a><br>Description: IC REG LINEAR 2.5V 5A TO220-3    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC39500-1.8BU TR</a><br>Description: IC REG LINEAR 1.8V 5A TO263-3 | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC39500-1.8WT</a><br>Description: IC REG LINEAR 1.8V 5A TO220-3    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |

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|----------------------------------------------|-------------------------------------|-------------------------------------------------------|----------------------|
| Related keywords for MIC39500-1.8WU          |                                     |                                                       |                      |
| Micrel / Microchip Technology MIC39500-1.8WU | MIC39500-1.8WU distributor          | MIC39500-1.8WU supplier                               | MIC39500-1.8WU price |
| MIC39500-1.8WU download datasheet            | MIC39500-1.8WU datasheet            | MIC39500-1.8WU stock                                  | buy MIC39500-1.8WU   |
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