

MIC29300-5.0WU-TR



Part Number: [MIC29300-5.0WU-TR](#)

Manufacturer: [Micrel / Microchip Technology](#)

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

Data sheet:  [MIC29150](#), [MIC29300](#), [MIC29500](#), [MIC29750](#)

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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

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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                    |                                  |                                                                                                           |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------|----------------------------------|-----------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | MIC29300-5.0WU-TR                                                  | Manufacturer                     | <a href="#">Micrel / Microchip Technology</a>                                                             |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | IC REG LINEAR 5V 3A TO263-3                                        | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                                |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 37364 pcs                                                          | Data sheet                       | <a href="#">MIC29150</a> , <a href="#">MIC29300</a> , <a href="#">MIC29500</a> , <a href="#">MIC29750</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <a href="#">Integrated Circuits (ICs)</a>                          | Voltage Dropout (Max)            | 0.6V @ 3A                                                                                                 |
| Voltage - Output (Min/Fixed)                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 5V                                                                 | Voltage - Output (Max)           | -                                                                                                         |
| Voltage - Input (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 26V                                                                | Supplier Device Package          | TO-263-3                                                                                                  |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | -                                                                  | Protection Features              | Over Current, Over Temperature, Reverse Polarity, Transient Voltage                                       |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Original-Reel®                                                     | Package / Case                   | TO-263-4, D*Pak (3 Leads + Tab), TO-263AA                                                                 |
| PSRR                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | -                                                                  | Output Type                      | Fixed                                                                                                     |
| Output Configuration                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Positive                                                           | Other Names                      | MIC29300-5.0WU-DKR                                                                                        |
| 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 3A TO-263-3 | Current - Output                 | 3A                                                                                                        |
| Control Features                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | -                                                                  | Base Part Number                 | MIC29300-5.0                                                                                              |
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| RELATED PRODUCTS                                                                   |                                                                                        |                                                              |                |
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|  | Part#: <a href="#">MIC29300-3.3WT</a><br>Description: IC REG LINEAR 3.3V 3A TO220-3    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC29300-5.0BT</a><br>Description: IC REG LINEAR 5V 3A TO220-3      | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC29300-3.3WU-TR</a><br>Description: IC REG LINEAR 3.3V 3A TO263-3 | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC29301-12WT</a><br>Description: IC REG LINEAR 12V 3A TO220-5      | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC29301-12BU TR</a><br>Description: IC REG LINEAR 12V 3A TO263-5   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC29301-12WU-TR</a><br>Description: IC REG LINEAR 12V 3A TO263-5   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC29300-5.0BU</a><br>Description: IC REG LINEAR 5V 3A TO263-3      | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">MIC29300-3.3WU</a><br>Description: IC REG LINEAR 3.3V 3A TO263-3    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">MIC29301-12BU</a><br>Description: IC REG LINEAR 12V 3A TO263-5      | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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