

MIC5259-1.5BD5-TR



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See Product Specifications for product details.  
**Buy MIC5259-1.5BD5-TR with confidence from Component-World.HK, 1 Year Warranty**



**Part Number:** [MIC5259-1.5BD5-TR](#)

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

**Description:** IC REG LIN 1.5V 300mA TSOT23-5

**Data sheet:**  [MIC5259](#)

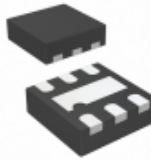
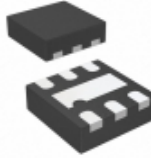
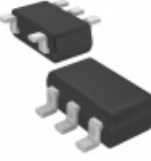
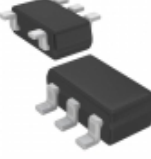
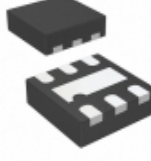
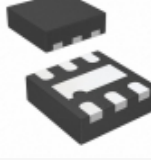
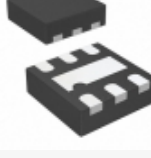
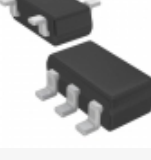
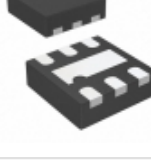
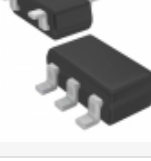
**RoHS Status:** Contains lead / RoHS non-compliant

**Ship From:** Hong Kong

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

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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                           |                                  |                                                                                      |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------|--------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | MIC5259-1.5BD5-TR                         | Manufacturer                     | <a href="#">Micrel / Microchip Technology</a>                                        |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | IC REG LIN 1.5V 300mA TSOT23-5            | Lead Free Status / RoHS Status   | Contains lead / RoHS non-compliant                                                   |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 93193 pcs                                 | Data sheet                       | <a href="#">MIC5259</a>                                                              |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <a href="#">Integrated Circuits (ICs)</a> | Voltage Dropout (Max)            | 0.55V @ 300mA                                                                        |
| Voltage - Output (Min/Fixed)                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 1.5V                                      | Voltage - Output (Max)           | -                                                                                    |
| Voltage - Input (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 6V                                        | Supplier Device Package          | TSOT-23-5                                                                            |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | -                                         | Protection Features              | Over Current, Over Temperature, Under Voltage Lockout (UVLO)                         |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Tape & Reel (TR)                          | Package / Case                   | SOT-23-5 Thin, TSOT-23-5                                                             |
| PSRR                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 65dB ~ 53dB (10Hz ~ 10kHz)                | Output Type                      | Fixed                                                                                |
| Output Configuration                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Positive                                  | Other Names                      | MIC5259-1.5BD5 TR<br>MIC5259-1.5BD5 TR-ND<br>MIC5259-1.5BD5TR<br>MIC5259-1.5BD5TR-ND |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | -40°C ~ 125°C                             | Number of Regulators             | 1                                                                                    |
| Mounting Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Surface Mount                             | Moisture Sensitivity Level (MSL) | 1 (Unlimited)                                                                        |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Contains lead / RoHS non-compliant        | Detailed Description             | Linear Voltage Regulator IC Positive Fixed 1 Output 1.5V 300mA TSOT-23-5             |
| Current - Supply (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 250µA                                     | Current - Quiescent (Iq)         | 150µA                                                                                |
| Current - Output                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 300mA                                     | Control Features                 | Enable                                                                               |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | MIC5259                                   |                                  |                                                                                      |
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| RELATED PRODUCTS                                                                   |                                                                                           |                                                              |                     |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|--------------------------------------------------------------|---------------------|
|  | Part#: <a href="#">MIC5259-1.5BML-TR</a><br>Description: IC REG LINEAR 1.5V 300mA 6MLF    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MIC5259-1.8YML-TR</a><br>Description: IC REG LINEAR 1.8V 300mA 6MLF    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MIC5256-3.1YM5-TR</a><br>Description: IC REG LINEAR 3.1V 150MA SOT23-5 | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MIC5258-1.2YM5-TR</a><br>Description: IC REG LINEAR 1.2V 150MA SOT23-5 | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MIC5256-3.0YM5-TR</a><br>Description: IC REG LINEAR 3V 150MA SOT23-5   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MIC5259-2.5BML-TR</a><br>Description: IC REG LINEAR 2.5V 300MA 6MLF    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MIC5259-1.8BD5-TR</a><br>Description: IC REG LIN 1.8V 300MA TSOT23-5   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MIC5259-1.8BML-TR</a><br>Description: IC REG LINEAR 1.8V 300MA 6MLF    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MIC5256-3.0BM5</a><br>Description: IC REG LINEAR 3V 150MA SOT23-5      | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MIC5256-3.3BM5-TR</a><br>Description: IC REG LINEAR 3.3V 150MA SOT23-5 | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MIC5258-1.2BM5-TR</a><br>Description: IC REG LINEAR 1.2V 150MA SOT23-5 | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MIC5259-1.5YML-TR</a><br>Description: IC REG LINEAR 1.5V 300MA 6MLF    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">MIC5259-1.5YD5-TR</a><br>Description: IC REG LIN 1.5V 300MA TSOT23-5   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MIC5259-2.1YML-TR</a><br>Description: IC REG LINEAR 2.1V 300MA 6MLF    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MIC5256-3.3YM5-TR</a><br>Description: IC REG LINEAR 3.3V 150MA SOT23-5 | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MIC5259-1.8YD5-TR</a><br>Description: IC REG LIN 1.8V 300MA TSOT23-5   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MIC5256-3.0BM5-TR</a><br>Description: IC REG LINEAR 3V 150MA SOT23-5   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |

Related keywords for MIC5259-1.5BD5-TR

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