

MIC5309-1.8YD6-TR



Part Number: [MIC5309-1.8YD6-TR](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC REG LIN 1.8V 300mA TSOT23-6

Data sheet:  [MIC5309](#)

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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | MIC5309-1.8YD6-TR                         | Manufacturer                     | <a href="#">Micrel / Microchip Technology</a>                            |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | IC REG LIN 1.8V 300mA TSOT23-6            | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                               |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 179906 pcs                                | Data sheet                       | <a href="#">MIC5309</a>                                                  |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <a href="#">Integrated Circuits (ICs)</a> | Voltage Dropout (Max)            | 0.2V @ 300mA                                                             |
| Voltage - Output (Min/Fixed)                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 1.8V                                      | Voltage - Output (Max)           | -                                                                        |
| Voltage - Input (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 5.5V                                      | Supplier Device Package          | TSOT-23-6                                                                |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | -                                         | Protection Features              | Over Current, Over Temperature                                           |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Cut Tape (CT)                             | Package / Case                   | SOT-23-6 Thin, TSOT-23-6                                                 |
| PSRR                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 90dB ~ 70dB (1kHz)                        | Output Type                      | Fixed                                                                    |
| Output Configuration                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Positive                                  | Other Names                      | 1611-MIC5309-1.8YD6-CT                                                   |
| 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                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Lead free / RoHS Compliant                | Detailed Description             | Linear Voltage Regulator IC Positive Fixed 1 Output 1.8V 300mA TSOT-23-6 |
| Current - Output                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 300mA                                     | Control Features                 | Enable                                                                   |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Micrel / Microchip Technology series electronic components. We have 179906 pieces of Micrel / Microchip Technology MIC5309-1.8YD6-TR 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                                                                   |                                                                                         |                                                              |                |
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|  | Part#: <a href="#">MIC5308-1.5YMT-TR</a><br>Description: IC REG LINEAR 1.5V 150MA 6TMLF | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">MIC5308-1.5YD6-TR</a><br>Description: IC REG LIN 1.5V 150MA TSOT23-6 | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC5310-JJYML-TR</a><br>Description: IC REG LINEAR 2.5V/2.5V 8MLF    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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