

MIC5317-1.0YD5-T5





Part Number: [MIC5317-1.0YD5-T5](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC REG LINEAR 1V 150mA TSOT23-5

Data sheet:  [MIC5317 Datasheet](#)

RoHs Status: Lead free / RoHS Compliant

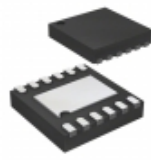
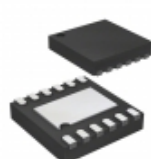
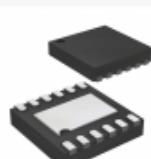
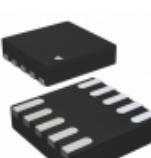
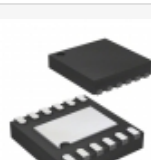
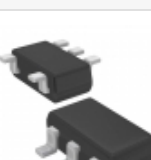
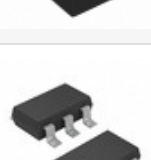
Ship From: Hong Kong

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Images are for reference only.  
See Product Specifications for product details.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                           |                                  |                                                                        |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------|------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | MIC5317-1.0YD5-T5                         | Manufacturer                     | <a href="#">Micrel / Microchip Technology</a>                          |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | IC REG LINEAR 1V 150mA TSOT23-5           | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                             |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 231903 pcs                                | Data sheet                       | <a href="#">MIC5317 Datasheet</a>                                      |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <a href="#">Integrated Circuits (ICs)</a> | Voltage Dropout (Max)            | 0.38V @ 150mA                                                          |
| Voltage - Output (Min/Fixed)                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 1V                                        | Voltage - Output (Max)           | -                                                                      |
| Voltage - Input (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 6V                                        | Supplier Device Package          | TSOT-23-5                                                              |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | -                                         | Protection Features              | Over Current, Over Temperature                                         |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Tape & Reel (TR)                          | Package / Case                   | SOT-23-5 Thin, TSOT-23-5                                               |
| PSRR                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 80dB ~ 65dB (1kHz ~ 10kHz)                | Output Type                      | Fixed                                                                  |
| Output Configuration                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Positive                                  | Other Names                      | 576-4477-2<br>MIC5317-1.0YD5 T5                                        |
| 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 1V 150mA TSOT-23-5 |
| Current - Quiescent (Iq)                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 39µA                                      | Current - Output                 | 150mA                                                                  |
| Control Features                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Enable                                    | Base Part Number                 | MIC5317                                                                |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Micrel / Microchip Technology series electronic components. We have 231903 pieces of Micrel / Microchip Technology MIC5317-1.0YD5-T5 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="#">MIC5314-G4YMT-TR</a><br>Description: IC REG LINEAR 1.2V/1.8V 12TMLF    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC5317-1.2YMT-T5</a><br>Description: IC REG LINEAR 1.2V 150MA 4DFN    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC5314-GGYMT-TR</a><br>Description: IC REG LINEAR 1.8V/1.8V 12TMLF    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC5316-GGCYMT-TR</a><br>Description: IC REG LINEAR 1V/1.8V 12TMLF     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC5315-F4CYMT-TR</a><br>Description: IC REG LINEAR 1V/1.5V 10TMLF     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC5316-GW3YMT-TR</a><br>Description: IC REG LINEAR 1.1V/1.8V 12TMLF   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC5317-1.0YM5-T5</a><br>Description: IC REG LINEAR 1V 150MA SOT23-5   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC5317-1.0YMT-T5</a><br>Description: IC REG LINEAR 1V 150MA 4TDFN     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC5317-1.0YM5-TR</a><br>Description: IC REG LINEAR 1V 150MA SOT23-5   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC5315-F5CYMT-TR</a><br>Description: IC REG LINEAR 1V/1.5V 10TMLF     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC5315-GGCYMT-TR</a><br>Description: IC REG LIN 1V/1.8V/1.8V 10TMLF   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC5315-GW3YMT-TR</a><br>Description: IC REG LINEAR 1.1V/1.8V 10TMLF   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC5317-1.0YD5-TR</a><br>Description: IC REG LINEAR 1V 150MA TSOT23-5  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC5317-1.2YD5-TR</a><br>Description: IC REG LIN 1.2V 150MA TSOT23-5   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC5317-1.0YMT-TZ</a><br>Description: IC REG LINEAR 1V 150MA 4TDFN     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC5317-1.2YD5-T5</a><br>Description: IC REG LIN 1.2V 150MA TSOT23-5   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">MIC5317-1.2YM5-T5</a><br>Description: IC REG LINEAR 1.2V 150MA SOT23-5 | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">MIC5316-F4CYMT-TR</a><br>Description: IC REG LINEAR 1V/1.5V 12TMLF     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |

Related keywords for MIC5317-1.0YD5-T5

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