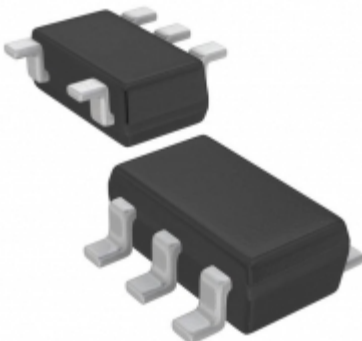


MIC5205-2.8YM5-TR





Part Number:

MIC5205-2.8YM5-TR

Manufacturer:

Micrel / Microchip Technology

Description:

IC REG LINEAR 2.8V 150mA SOT23-5

Data sheet:

 [MIC5205](#)

RoHs Status:

Lead free / RoHS Compliant

Ship From:

Hong Kong

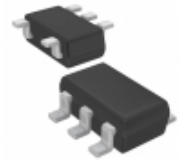
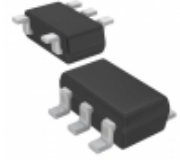
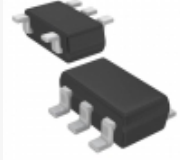
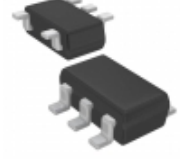
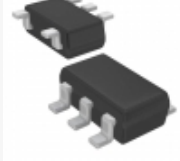
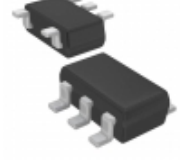
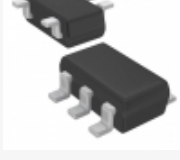
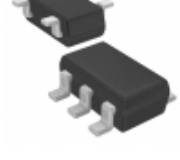
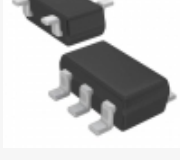
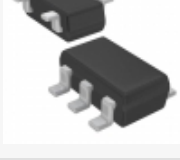
Shipment Way:

DHL/Fedex/TNT/UPS/EMS

Images are for reference only.  
See Product Specifications for product details.  
Buy MIC5205-2.8YM5-TR with confidence from  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                         |                                  |                                                                                                                      |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------|----------------------------------|----------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | MIC5205-2.8YM5-TR                                                       | Manufacturer                     | <a href="#">Micrel / Microchip Technology</a>                                                                        |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | IC REG LINEAR 2.8V 150mA SOT23-5                                        | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                                           |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 217928 pcs                                                              | Data sheet                       | <a href="#">MIC5205</a>                                                                                              |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <a href="#">Integrated Circuits (ICs)</a>                               | Voltage Dropout (Max)            | 0.35V @ 150mA                                                                                                        |
| Voltage - Output (Min/Fixed)                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 2.8V                                                                    | Voltage - Output (Max)           | -                                                                                                                    |
| Voltage - Input (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 16V                                                                     | Supplier Device Package          | SOT-23-5                                                                                                             |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | -                                                                       | Protection Features              | Over Current, Over Temperature, Reverse Polarity                                                                     |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Tape & Reel (TR)                                                        | Package / Case                   | SC-74A, SOT-753                                                                                                      |
| PSRR                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 75dB (100Hz)                                                            | Output Type                      | Fixed                                                                                                                |
| Output Configuration                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Positive                                                                | Other Names                      | 576-2736-2<br>MIC5205-2.8YM5 TR<br>MIC5205-2.8YM5 TR-ND<br>MIC5205-2.8YM5TR<br>MIC5205-2.8YM5TR-ND<br>MIC520528YM5TR |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | -40°C ~ 125°C                                                           | Number of Regulators             | 1                                                                                                                    |
| Mounting Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Surface Mount                                                           | Moisture Sensitivity Level (MSL) | 1 (Unlimited)                                                                                                        |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 6 Weeks                                                                 | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                                           |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Linear Voltage Regulator IC Positive Fixed 1 Output 2.8V 150mA SOT-23-5 | Current - Supply (Max)           | 2.5mA                                                                                                                |
| Current - Quiescent (Iq)                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 150µA                                                                   | Current - Output                 | 150mA                                                                                                                |
| Control Features                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Enable                                                                  | Base Part Number                 | MIC5205                                                                                                              |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Micrel / Microchip Technology series electronic components. We have 217928 pieces of Micrel / Microchip Technology MIC5205-2.8YM5-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                                                                   |                                                                                           |                                                              |                |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|--------------------------------------------------------------|----------------|
|  | Part#: <a href="#">MIC5203-5.0YM4-TR</a><br>Description: IC REG LINEAR 5V 80mA SOT143     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC5205-3.3YM5-TR</a><br>Description: IC REG LINEAR 3.3V 150mA SOT23-5 | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC5205-2.8BM5-TR</a><br>Description: IC REG LINEAR 2.8V 150mA SOT23-5 | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC5205-3.2BM5-TR</a><br>Description: IC REG LINEAR 3.2V 150mA SOT23-5 | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC5205-2.9BM5-TR</a><br>Description: IC REG LINEAR 2.9V 150mA SOT23-5 | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC5205-2.85YM5-TR</a><br>Description: IC REG LIN 2.85V 150mA SOT23-5  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC5205-2.85BM5-TR</a><br>Description: IC REG LIN 2.85V 150mA SOT23-5  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC5205-3.0YM5-TR</a><br>Description: IC REG LINEAR 3V 150mA SOT23-5   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC5203-5.0YM5-TR</a><br>Description: IC REG LINEAR 5V 80mA SOT23-5    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC5205-3.1BM5-TR</a><br>Description: IC REG LINEAR 3.1V 150mA SOT23-5 | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC5205-2.9YM5-TR</a><br>Description: IC REG LINEAR 2.9V 150mA SOT23-5 | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC5205-3.3BM5-TR</a><br>Description: IC REG LINEAR 3.3V 150mA SOT23-5 | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC5205-2.7BM5-TR</a><br>Description: IC REG LINEAR 2.7V 150mA SOT23-5 | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC5203-5.0BM5-TR</a><br>Description: IC REG LINEAR 5V 80mA SOT23-5    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC5205-2.7YM5-TR</a><br>Description: IC REG LINEAR 2.7V 150mA SOT23-5 | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC5205-2.5BM5-TR</a><br>Description: IC REG LINEAR 2.5V 150mA SOT23-5 | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC5205-3.1YM5-TR</a><br>Description: IC REG LINEAR 3.1V 150mA SOT23-5 | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC5205-3.0BM5-TR</a><br>Description: IC REG LINEAR 3V 150mA SOT23-5   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC5205-2.5YM5-TR</a><br>Description: IC REG LINEAR 2.5V 150mA SOT23-5 | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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