

MIC5206-3.6YM5-TR



Part Number: [MIC5206-3.6YM5-TR](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC REG LINEAR 3.6V 150mA SOT23-5

Data sheet:  [MIC5206](#)

RoHs Status: Lead free / RoHS Compliant

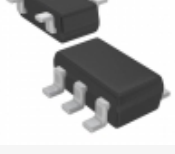
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                           |                                  |                                                                         |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------|-------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | MIC5206-3.6YM5-TR                         | Manufacturer                     | <a href="#">Micrel / Microchip Technology</a>                           |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | IC REG LINEAR 3.6V 150mA SOT23-5          | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                              |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 136748 pcs                                | Data sheet                       | <a href="#">MIC5206</a>                                                 |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <a href="#">Integrated Circuits (ICs)</a> | Voltage Dropout (Max)            | 0.35V @ 150mA                                                           |
| Voltage - Output (Min/Fixed)                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 3.6V                                      | Voltage - Output (Max)           | -                                                                       |
| Voltage - Input (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 16V                                       | Supplier Device Package          | SOT-23-5                                                                |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | -                                         | Protection Features              | Over Current, Over Temperature, Reverse Polarity                        |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Cut Tape (CT)                             | Package / Case                   | SC-74A, SOT-753                                                         |
| PSRR                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | -                                         | Output Type                      | Fixed                                                                   |
| Output Configuration                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Positive                                  | Other Names                      | 1611-MIC5206-3.6YM5-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 3.6V 150mA SOT-23-5 |
| Current - Supply (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 2.5mA                                     | Current - Quiescent (Iq)         | 150µA                                                                   |
| Current - Output                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 150mA                                     | Control Features                 | Enable, Error Flag                                                      |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Micrel / Microchip Technology series electronic components. We have 136748 pieces of Micrel / Microchip Technology MIC5206-3.6YM5-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="#">MIC5206-3.6YMM</a><br>Description: IC REG LDO 3.6V 0.15A 8MSOP         | Manufacturers: <a href="#">Microchip Technology</a>          | <div>RFQ</div> |
|  | Part#: <a href="#">MIC5206-4.0BM5-TR</a><br>Description: IC REG LINEAR 4V 150mA SOT23-5   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC5206-3.8YMM-TR</a><br>Description: IC REG LDO 3.8V 0.15A 8MSOP      | Manufacturers: <a href="#">Microchip Technology</a>          | <div>RFQ</div> |
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