

MIC5216-5.0BMM





Part Number: [MIC5216-5.0BMM](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC REG LINEAR 5V 500MA 8MSOP

Data sheet:  [MIC5216](#)

RoHs Status: Contains lead / RoHS non-compliant

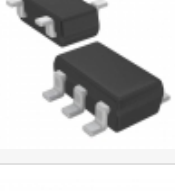
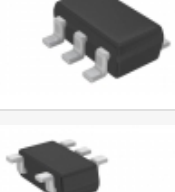
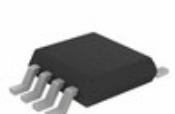
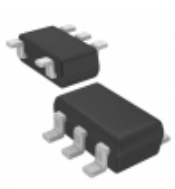
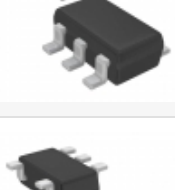
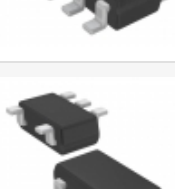
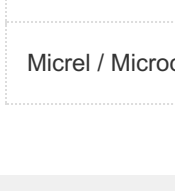
Ship From: Hong Kong

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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                     |                                |                                                  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|--------------------------------|--------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | MIC5216-5.0BMM                                                      | Manufacturer                   | <a href="#">Micrel / Microchip Technology</a>    |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | IC REG LINEAR 5V 500MA 8MSOP                                        | Lead Free Status / RoHS Status | Contains lead / RoHS non-compliant               |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 61197 pcs                                                           | Data sheet                     | <a href="#">MIC5216</a>                          |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <a href="#">Integrated Circuits (ICs)</a>                           | Voltage Dropout (Max)          | 0.6V @ 500mA                                     |
| Voltage - Output (Min/Fixed)                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 5V                                                                  | Voltage - Output (Max)         | -                                                |
| Voltage - Input (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 12V                                                                 | Supplier Device Package        | 8-MSOP                                           |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | -                                                                   | Protection Features            | Over Current, Over Temperature, Reverse Polarity |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Tube                                                                | Package / Case                 | 8-TSSOP, 8-MSOP (0.118", 3.00mm Width)           |
| PSRR                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 75dB (120Hz)                                                        | Output Type                    | Fixed                                            |
| Output Configuration                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Positive                                                            | 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 5V 500mA 8-MSOP | Current - Supply (Max)         | 8µA                                              |
| Current - Quiescent (Iq)                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 3µA                                                                 | Current - Output               | 500mA                                            |
| Control Features                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Enable                                                              | Base Part Number               | MIC5216                                          |
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| RELATED PRODUCTS                                                                   |                                                                                           |                                                              |                |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|--------------------------------------------------------------|----------------|
|  | Part#: <a href="#">MIC5216-3.3YMM-TR</a><br>Description: IC REG LINEAR 3.3V 500MA 8MSOP   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MIC5216YM5 TR</a><br>Description: IC REG LIN POS ADJ 500MA SOT23-5     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">MIC5216-4.0YM5-TR</a><br>Description: IC REG LINEAR 4V 500MA SOT23-5   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">MIC5216YMM</a><br>Description: IC REG LIN POS ADJ 500MA 8MSOP          | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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| Related keywords for MIC5216-5.0BMM          |                                     |                                                       |                      |
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