

 **MICROCHIP**

Micrel / Microchip Technology

MIC5216-5.0BM5-TR

|                     |                                                                                                                         |
|---------------------|-------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | MIC5216-5.0BM5-TR                                                                                                       |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                           |
| Product description | IC REG LINEAR 5V 500MA SOT23-5                                                                                          |
| Datasheets:         |  <a href="#">MIC5216-5.0BM5-TR.pdf</a> |
| RoHs Status         |  Contains lead / RoHS non-compliant    |
| Ship From           | Hong Kong                                                                                                               |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                   |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

Specifications of MIC5216-5.0BM5-TR

|                                  |                                                                                                                           |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MIC5216-5.0BM5-TR                                                                                                         |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                             |
| DESCRIPTION                      | IC REG LINEAR 5V 500MA SOT23-5                                                                                            |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                                                                        |
| DATA SHEET                       |  <a href="#">MIC5216-5.0BM5-TR.pdf</a> |
| VOLTAGE DROPOUT (MAX)            | 0.6V @ 500mA                                                                                                              |
| VOLTAGE - OUTPUT (MIN/FIXED)     | 5V                                                                                                                        |
| VOLTAGE - OUTPUT (MAX)           | -                                                                                                                         |
| VOLTAGE - INPUT (MAX)            | 12V                                                                                                                       |
| 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 (120Hz)                                                                                                              |
| OUTPUT TYPE                      | Fixed                                                                                                                     |
| OUTPUT CONFIGURATION             | Positive                                                                                                                  |
| OTHER NAMES                      | MIC5216-5.0BM5 TR<br>MIC5216-5.0BM5 TR-ND<br>MIC5216-5.0BM5TR<br>MIC5216-5.0BM5TR-ND                                      |
| 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 SOT-23-5                                                     |
| CURRENT - SUPPLY (MAX)           | 8µA                                                                                                                       |
| CURRENT - QUIESCENT (IQ)         | 3µA                                                                                                                       |
| CURRENT - OUTPUT                 | 500mA                                                                                                                     |
| CONTROL FEATURES                 | Enable                                                                                                                    |
| BASE PART NUMBER                 | MIC5216                                                                                                                   |

Related Tags

|                                                 |                                        |                                                          |
|-------------------------------------------------|----------------------------------------|----------------------------------------------------------|
| Micrel / Microchip Technology MIC5216-5.0BM5-TR | MIC5216-5.0BM5-TR Distributor          | MIC5216-5.0BM5-TR Supplier                               |
| MIC5216-5.0BM5-TR Price                         | MIC5216-5.0BM5-TR Pictures             | MIC5216-5.0BM5-TR Image                                  |
| MIC5216-5.0BM5-TR PDF Datasheet                 | MIC5216-5.0BM5-TR Download Datasheet   | MIC5216-5.0BM5-TR Datasheet                              |
| MIC5216-5.0BM5-TR Stock                         | Buy MIC5216-5.0BM5-TR                  | Buy Micrel / Microchip Technology MIC5216-5.0BM5-TR      |
| Micrel / Microchip Technology MIC5216-5.0BM5-TR | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor                |
| Micrel / Microchip Technology MIC5216-5.0BM5-TR | Microchip Technology MIC5216-5.0BM5-TR | Roving Networks / Microchip Technology MIC5216-5.0BM5-TR |

Related Products

|                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                       |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>MIC5216-3.8YM5-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 3.8V 500MA SOT23-5<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>MIC5216-5.0YMM</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 5V 500MA 8MSOP<br/>In stock: 77 pcs<br/><div>RFQ</div></div>           |
|  <div><b>MIC5216-5.0BMM</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 5V 500MA 8MSOP<br/>In stock: Out stock<br/><div>RFQ</div></div>        |  <div><b>MIC5216-5.0YM5-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 5V 500MA SOT23-5<br/>In stock: Out stock<br/><div>RFQ</div></div>   |
|  <div><b>MIC5216-5.0YMM-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 5V 500MA 8MSOP<br/>In stock: Out stock<br/><div>RFQ</div></div>     |  <div><b>MIC5216-5.0YMM-TR</b><br/>Manufacturers: Microchip Technology<br/>Description: IC REG LDO 5V 0.5A 8MSOP<br/>In stock: Out stock<br/><div>RFQ</div></div>                  |
|  <div><b>MIC5216-3.6BM5-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 3.6V 500MA SOT23-5<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>MIC5216-5.0BMM-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 5V 500MA 8MSOP<br/>In stock: Out stock<br/><div>RFQ</div></div>     |
|  <div><b>MIC5216-4.0BM5-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 4V 500MA SOT23-5<br/>In stock: Out stock<br/><div>RFQ</div></div>   |  <div><b>MIC5216-3.6YM5-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 3.6V 500MA SOT23-5<br/>In stock: Out stock<br/><div>RFQ</div></div> |
|  <div><b>MIC5216-4.0YM5-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 4V 500MA SOT23-5<br/>In stock: Out stock<br/><div>RFQ</div></div>   |  <div><b>MIC5216-3.8BM5-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 3.8V 500MA SOT23-5<br/>In stock: Out stock<br/><div>RFQ</div></div> |