



Micrel / Microchip Technology

MIC5209-3.6YM

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MIC5209-3.6YM                                                                                                |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC REG LINEAR 3.6V 500MA 8SOIC                                                                               |
| Datasheets:         |  MIC5209-3.6YM.pdf          |
| RoHs Status         |  Lead free / RoHS 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 MIC5209-3.6YM

|                                  |                                                                                                       |
|----------------------------------|-------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MIC5209-3.6YM                                                                                         |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                         |
| DESCRIPTION                      | IC REG LINEAR 3.6V 500MA 8SOIC                                                                        |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                            |
| DATA SHEET                       |  MIC5209-3.6YM.pdf |
| VOLTAGE DROPOUT (MAX)            | 0.6V @ 500mA                                                                                          |
| VOLTAGE - OUTPUT (MIN/FIXED)     | 3.6V                                                                                                  |
| VOLTAGE - OUTPUT (MAX)           | -                                                                                                     |
| VOLTAGE - INPUT (MAX)            | 16V                                                                                                   |
| SUPPLIER DEVICE PACKAGE          | 8-SOIC                                                                                                |
| SERIES                           | -                                                                                                     |
| PROTECTION FEATURES              | Over Current, Over Temperature, Reverse Polarity                                                      |
| PACKAGING                        | Tube                                                                                                  |
| PACKAGE / CASE                   | 8-SOIC (0.154", 3.90mm Width)                                                                         |
| PSRR                             | 75dB (120Hz)                                                                                          |
| OUTPUT TYPE                      | Fixed                                                                                                 |
| OUTPUT CONFIGURATION             | Positive                                                                                              |
| OTHER NAMES                      | 576-2370<br>MIC5209-3.6YM-ND<br>MIC520936YM                                                           |
| OPERATING TEMPERATURE            | -40°C ~ 125°C                                                                                         |
| NUMBER OF REGULATORS             | 1                                                                                                     |
| MOUNTING TYPE                    | Surface Mount                                                                                         |
| MOISTURE SENSITIVITY LEVEL (MSL) | 2 (1 Year)                                                                                            |
| MANUFACTURER STANDARD LEAD TIME  | 7 Weeks                                                                                               |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                            |
| DETAILED DESCRIPTION             | Linear Voltage Regulator IC Positive Fixed 1 Output 3.6V 500mA 8-SOIC                                 |
| CURRENT - SUPPLY (MAX)           | 25mA                                                                                                  |
| CURRENT - QUIESCENT (IQ)         | 170µA                                                                                                 |
| CURRENT - OUTPUT                 | 500mA                                                                                                 |
| CONTROL FEATURES                 | Enable                                                                                                |
| BASE PART NUMBER                 | MIC5209                                                                                               |

Related Tags

|                                             |                                        |                                                      |
|---------------------------------------------|----------------------------------------|------------------------------------------------------|
| Micrel / Microchip Technology MIC5209-3.6YM | MIC5209-3.6YM Distributor              | MIC5209-3.6YM Supplier                               |
| MIC5209-3.6YM Price                         | MIC5209-3.6YM Pictures                 | MIC5209-3.6YM Image                                  |
| MIC5209-3.6YM PDF Datasheet                 | MIC5209-3.6YM Download Datasheet       | MIC5209-3.6YM Datasheet                              |
| MIC5209-3.6YM Stock                         | Buy MIC5209-3.6YM                      | Buy Micrel / Microchip Technology MIC5209-3.6YM      |
| Micrel / Microchip Technology MIC5209-3.6YM | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor            |
| Micrel / Microchip Technology MIC5209-3.6YM | Microchip Technology MIC5209-3.6YM     | Roving Networks / Microchip Technology MIC5209-3.6YM |

Related Products

|                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                      |
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|  <div><b>MIC5209-3.6BS TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 3.6V 500MA SOT223<br/>In stock: Out stock<br/><div>RFQ</div></div>  |  <div><b>MIC5209-3.6YM-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 3.6V 500MA 8SOIC<br/>In stock: Out stock<br/><div>RFQ</div></div>   |
|  <div><b>MIC5209-3.6YU-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 3.6V 500MA TO263-5<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>MIC5209-3.6BM-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 3.6V 500MA 8SOIC<br/>In stock: Out stock<br/><div>RFQ</div></div>   |
|  <div><b>MIC5209-3.6BU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 3.6V 500MA TO263-5<br/>In stock: Out stock<br/><div>RFQ</div></div>    |  <div><b>MIC5209-3.6BU TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 3.6V 500MA TO263-5<br/>In stock: Out stock<br/><div>RFQ</div></div> |
|  <div><b>MIC5209-3.6BS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 3.6V 500MA SOT223<br/>In stock: Out stock<br/><div>RFQ</div></div>     |  <div><b>MIC5209-3.6YS-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 3.6V 500MA SOT223<br/>In stock: Out stock<br/><div>RFQ</div></div>  |
|  <div><b>MIC5209-3.6BM</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 3.6V 500MA 8SOIC<br/>In stock: Out stock<br/><div>RFQ</div></div>      |  <div><b>MIC5209-4.2BS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 4.2V 500MA SOT223<br/>In stock: Out stock<br/><div>RFQ</div></div>     |
|  <div><b>MIC5209-3.6YU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 3.6V 500MA TO263-5<br/>In stock: Out stock<br/><div>RFQ</div></div>    |  <div><b>MIC5209-3.6YS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 3.6V 500MA SOT223<br/>In stock: Out stock<br/><div>RFQ</div></div>     |