

MIC2954-08YM





Part Number: [MIC2954-08YM](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC REG LIN POS ADJ 250MA 8SOIC

Data sheet:  [MIC2954](#)

RoHs Status: Lead free / RoHS Compliant

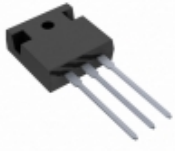
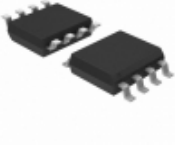
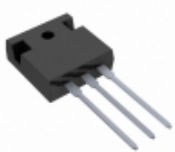
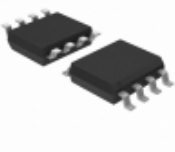
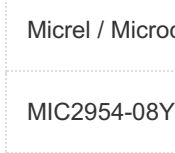
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See Product Specifications for product details.  
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                  |                                  |                                                                     |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|----------------------------------|---------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | MIC2954-08YM                                                                                     | Manufacturer                     | <a href="#">Micrel / Microchip Technology</a>                       |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | IC REG LIN POS ADJ 250MA 8SOIC                                                                   | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                          |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 76529 pcs                                                                                        | Data sheet                       | <a href="#">MIC2954</a>                                             |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <a href="#">Integrated Circuits (ICs)</a>                                                        | Voltage Dropout (Max)            | 0.6V @ 250mA                                                        |
| Voltage - Output (Min/Fixed)                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 1.24V (5V)                                                                                       | Voltage - Output (Max)           | 29V                                                                 |
| Voltage - Input (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 30V                                                                                              | Supplier Device Package          | 8-SOIC                                                              |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | -                                                                                                | Protection Features              | Load Dump, Over Current, Over Temperature, Reverse Polarity, UV POR |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Tube                                                                                             | Package / Case                   | 8-SOIC (0.154", 3.90mm Width)                                       |
| PSRR                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | -                                                                                                | Output Type                      | Adjustable (Fixed)                                                  |
| Output Configuration                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Positive                                                                                         | Other Names                      | 576-2250<br>MIC2954-08YM-ND<br>MIC295408YM                          |
| 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 or Adjustable 1 Output 5V, 1.24 V ~ 29 V 250mA 8-SOIC | Current - Supply (Max)           | 12mA                                                                |
| Current - Quiescent (Iq)                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 300µA                                                                                            | Current - Output                 | 250mA                                                               |
| Control Features                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Enable                                                                                           | Base Part Number                 | MIC2954                                                             |
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| RELATED PRODUCTS                                                                   |                                                                                        |                                                              |                     |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|--------------------------------------------------------------|---------------------|
|  | Part#: <a href="#">MIC2954-07BM-TR</a><br>Description: IC REG LIN POS ADJ 250MA 8SOIC  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MIC29750-3.3WWT</a><br>Description: IC REG LINEAR 3.3V 7.5A TO247-3 | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MIC2954-07YM</a><br>Description: IC REG LIN POS ADJ 250MA 8SOIC     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MIC29712WT</a><br>Description: IC REG LDO 7.5A ADJ TO-220-5         | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MIC29710-5.0WT</a><br>Description: IC REG LDO 7.5A 5V TO220-3       | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MIC2954-08BM-TR</a><br>Description: IC REG LIN POS ADJ 250MA 8SOIC  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MIC2954-07YM-TR</a><br>Description: IC REG LIN POS ADJ 250MA 8SOIC  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MIC29712BT</a><br>Description: IC REG LDO 7.5A ADJ TO-220-5         | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MIC2954-03YZ</a><br>Description: IC REG LINEAR 5V 250MA TO92-3      | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MIC2954-08BM</a><br>Description: IC REG LIN POS ADJ 250MA 8SOIC     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MIC2954-03WT</a><br>Description: IC REG LINEAR 5V 250MA TO220-3     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MIC29710-3.3WT</a><br>Description: IC REG LDO 7.5A 3.3V TO220-3     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MIC2954-03YZ TR</a><br>Description: IC REG LINEAR 5V 250MA TO92-3   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MIC2954-07BM</a><br>Description: IC REG LIN POS ADJ 250MA 8SOIC     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MIC29750-5.0BWT</a><br>Description: IC REG LINEAR 5V 7.5A TO247-3   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MIC2954-08YM-TR</a><br>Description: IC REG LIN POS ADJ 250MA 8SOIC  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MIC29710-5.0BT</a><br>Description: IC REG LDO 7.5A 5V TO220-3       | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MIC29710-3.3BT</a><br>Description: IC REG LDO 7.5A 3.3V TO220-3     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MIC2954-03WS-TR</a><br>Description: IC REG LINEAR 5V 250MA SOT223   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MIC29750-3.3BWT</a><br>Description: IC REG LINEAR 3.3V 7.5A TO247-3 | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |

Related keywords for MIC2954-08YM

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