

MICROCHIP

Micrel / Microchip Technology



Image may be representation. See specifications for product details.

### MIC5200-3.0BS

|                     |                                                                                                                      |
|---------------------|----------------------------------------------------------------------------------------------------------------------|
| Part Number:        | MIC5200-3.0BS                                                                                                        |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                        |
| Product description | IC REG LINEAR 3V 100MA SOT223                                                                                        |
| Datasheets:         |  MIC5200-3.0BS.pdf                  |
| RoHs Status         |  Contains lead / RoHS non-compliant |
| Ship From           | Hong Kong                                                                                                            |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                |

REQUEST FOR QUOTATION

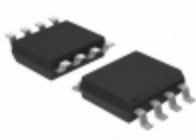
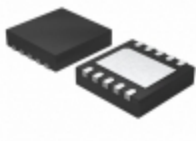
#### Specifications of MIC5200-3.0BS

|                                  |                                                                                                       |
|----------------------------------|-------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MIC5200-3.0BS                                                                                         |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                         |
| DESCRIPTION                      | IC REG LINEAR 3V 100MA SOT223                                                                         |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                                                    |
| DATA SHEET                       |  MIC5200-3.0BS.pdf |
| VOLTAGE DROPOUT (MAX)            | 0.35V @ 100mA                                                                                         |
| VOLTAGE - OUTPUT (MIN/FIXED)     | 3V                                                                                                    |
| VOLTAGE - OUTPUT (MAX)           | -                                                                                                     |
| VOLTAGE - INPUT (MAX)            | 26V                                                                                                   |
| SUPPLIER DEVICE PACKAGE          | SOT-223                                                                                               |
| SERIES                           | -                                                                                                     |
| PROTECTION FEATURES              | Over Current, Over Temperature                                                                        |
| PACKAGING                        | Tube                                                                                                  |
| PACKAGE / CASE                   | TO-261-4, TO-261AA                                                                                    |
| PSRR                             | -                                                                                                     |
| OUTPUT TYPE                      | Fixed                                                                                                 |
| OUTPUT CONFIGURATION             | Positive                                                                                              |
| OPERATING TEMPERATURE            | -40°C ~ 125°C                                                                                         |
| NUMBER OF REGULATORS             | 1                                                                                                     |
| MOUNTING TYPE                    | Surface Mount                                                                                         |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                         |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                                                    |
| DETAILED DESCRIPTION             | Linear Voltage Regulator IC Positive Fixed 1 Output 3V 100mA SOT-223                                  |
| CURRENT - SUPPLY (MAX)           | 1.5mA                                                                                                 |
| CURRENT - QUIESCENT (IQ)         | 350µA                                                                                                 |
| CURRENT - OUTPUT                 | 100mA                                                                                                 |
| CONTROL FEATURES                 | -                                                                                                     |
| BASE PART NUMBER                 | MIC5200                                                                                               |

#### Related Tags

|                                             |                                        |                                                      |
|---------------------------------------------|----------------------------------------|------------------------------------------------------|
| Micrel / Microchip Technology MIC5200-3.0BS | MIC5200-3.0BS Distributor              | MIC5200-3.0BS Supplier                               |
| MIC5200-3.0BS Price                         | MIC5200-3.0BS Pictures                 | MIC5200-3.0BS Image                                  |
| MIC5200-3.0BS PDF Datasheet                 | MIC5200-3.0BS Download Datasheet       | MIC5200-3.0BS Datasheet                              |
| MIC5200-3.0BS Stock                         | Buy MIC5200-3.0BS                      | Buy Micrel / Microchip Technology MIC5200-3.0BS      |
| Micrel / Microchip Technology MIC5200-3.0BS | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor            |
| Micrel / Microchip Technology MIC5200-3.0BS | Microchip Technology MIC5200-3.0BS     | Roving Networks / Microchip Technology MIC5200-3.0BS |

#### Related Products

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|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>MIC5200-3.0YM</b><br/>Manufacturers: Microchip Technology<br/>Description: IC REG LDO 3V 0.1A 8SOIC<br/>In stock: 51 pcs<br/>RFQ</div>                     |  <div><b>MIC5200-3.0BM</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 3V 100MA 8SOIC<br/>In stock: Out stock<br/>RFQ</div>    |
|  <div><b>MIC5200-3.0BS TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 3V 100MA SOT223<br/>In stock: Out stock<br/>RFQ</div> |  <div><b>MIC5200-3.0BM-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 3V 100MA 8SOIC<br/>In stock: Out stock<br/>RFQ</div> |
|  <div><b>MIC5191YML-TR</b><br/>Manufacturers: Microchip Technology<br/>Description: IC REG CTRLR SGL POS ADJ 10-MLF<br/>In stock: Out stock<br/>RFQ</div>           |  <div><b>MIC5191YMM</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG CTRLR 1OUT 10MSOP<br/>In stock: 191 pcs<br/>RFQ</div>             |
|  <div><b>MIC5200-3.0YS-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 3V 100MA SOT223<br/>In stock: Out stock<br/>RFQ</div> |  <div><b>MIC5200-3.0YM-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 3V 100MA 8SOIC<br/>In stock: Out stock<br/>RFQ</div> |
|  <div><b>MIC5191YMM-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC LNR REG CTRLR 1OUT 10MSOP<br/>In stock: Out stock<br/>RFQ</div>     |  <div><b>MIC5200-3.0YM</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 3V 100MA 8SOIC<br/>In stock: Out stock<br/>RFQ</div>    |
|  <div><b>MIC5200-3.0YS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 3V 100MA SOT223<br/>In stock: 290 pcs<br/>RFQ</div>      |  <div><b>MIC5191YML-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC LNR REG CTRLR 1OUT 10MLF<br/>In stock: Out stock<br/>RFQ</div>     |